

Program Book

14th

WORLD CONGRESS for HAIR RESEARCH

Awakening the soul of hair science

May 28 (THU) - 31 (SUN), 2026

Grand Ballroom & Asem Ballroom, COEX, Seoul, Korea





Chang-Hun Huh
Congress President
Seoul National University



Ohsang Kwon
Congress President
Seoul National University



Moon-Bum Kim
Congress President
Pusan National University



Dear Esteemed Colleagues and Friends,

With the guiding principle of “Awakening the Soul of Hair Science,” the 14th World Congress for Hair Research (WCHR 2026) stands poised to serve as a pivotal forum for the exchange of ideas and the exploration of strategies aimed at addressing contemporary challenges in the realm of hair research. Distinguished experts from around the globe will be invited to share their insights as keynote speakers at the congress.

Moreover, WCHR 2026 presents a unique opportunity to delve into the outcomes of recent clinical trials and experimental studies. We are confident that the congress will provide an invaluable platform for all participants to expand their professional horizons by staying abreast of the latest advancements and discoveries in hair research.

The Organizing Committee of WCHR 2026 is diligently preparing to host a highly successful and engaging event, anticipating a larger and more diverse attendance than ever before. We invite you to contribute your expertise and wisdom, fostering collaboration and camaraderie among peers from across the world. Amidst a rich tapestry of cultural and social activities, we trust that your participation will enrich this significant congress.

We are delighted to have you with us here in the vibrant heart of Seoul. Your presence makes this congress truly meaningful, and we hope WCHR 2026 serves as a platform for profound discovery and connection.

Thank you for joining this global gathering.



Bark-Lynn Lew
Congress Secretary
Kyung Hee University



Yang Won Lee
Scientific Program Director
Konkuk University



Sang-Seok Kim
Treasurer
Hallym University

Table of Contents

• Welcome Address	4
• Congress Information	5
• WCHR 2026 Organizing Committee	6
• About IFHRS	7
• Welcome to Seoul	8
• Our Sponsors	9
• Space Floor Plan	10-11
• Booth Exhibition	12-13
• Congress Essentials & Quick Access	14-15
• Program at a Glance	16-17
• Day-By-Day Program	18-71
• Poster Walk (Day 2)	44-45
• Poster Walk (Day 3)	58-61
• WCHR 2026 Awards and Honorees	72-73
• Posters	74-84
• ePosters	86-100

Congress Information

Title	14th World Congress for Hair Research (WCHR 2026)
Date	May 28 (Thu) ~ 31 (Sun), 2026
Venue	COEX, Seoul, Korea
Host	Korean Hair Research Society
Organizer	2026 WCHR Organizing Committee

Slogan and Logo

Logo

Slogan

**Awakening the soul
of hair science**

It signifies the 'Soul' of Korea, Seoul, while also conveying the message to awaken the soul of hair research and advance it in Seoul.

The blue 'S' image surrounding the hair follicle represents both 'soul' and 'Seoul,' while also symbolizing the iconic Han River of Seoul.

The design incorporates representative architectural landmarks of Seoul, arranged around the circular shape, emphasizing both the symbolism of the conference and the local identity of the host city.

Organizing Committee

Chang-Hun Huh
Congress President

Ohsang Kwon
Congress President

Moon-Bum Kim
Congress President

Bark-Lynn Lew
Congress Secretary

Yang Won Lee
Scientific Program Director

Sang-Seok Kim
Treasurer

Hyunsun Park
Ceremony and Social Director

Doyoung Kim
Publication Director

Min-Sung Kim
Exhibition & Hospitality Director

Young Lee
Information Director

Chong Hyun Won
Publicity Director

Jin Park
Registration and Scholarship Director

Honorary Advisor

Gwang Seong Choi

Hoon Kang

Jin Soo Kang

Won-Soo Lee

Byung In Ro

Woo-Young Sim

Advisory Committee

Hangrae Cho

Sungjoo Hwang

Jinwook Jung

Kwang Young Kang

Chang Deok Kim

Dong Hyun Kim

Dong-Youn Lee

In Joon Lee

Jee Bum Lee

Se Won Lee

Pok Kee Min

Yoonwoo Noh

Ji Won Oh

Gun Park

Sungwook Park

Wonseok Park

Young Wook Ryoo

Sham Shik Shin

Young Kwan Sung

Seok Kweon Yun

Executive Committee

Chul Hwan Bang

Sung Bin Cho

Jeewoong Choi

Joong Woon Choi

Yu Sung Choi

Euyhyun Chung

Sik Haw

Yong Hyun Jang

Jiehyun Jeon

Ki Heon Jeong

Mihn Sook Jue

Beom Joon Kim

Hyojin Kim

Jung Eun Kim

Jun Young Kim

Yeong Ho Kim

Ji-Hae Lee

Seung Ho Lee

Seung Yong Lee

Solam Lee

Young-Jun Oh

Byung Cheol Park

Soo Hong Seo

Joon Seok

Hyun-Tae Shin

Jung-Won Shin

Kihyuk Shin

Da Ae Yu

International Federation of Hair Research Societies



The International Federation of Hair Research Societies (IFHRS) is an international board of the representatives of its member societies. Its main activities include overseeing the rotation of the prestigious World Congress for Hair Research (WCHR), publishing its biannual newsletter which includes meeting summaries and other activities of its member societies, and publishing other articles on the history of hair research. It is in the process of creating an international website to serve as a hub, and it endeavors to coordinate on research projects and assist with support for those in training in hair research.



IFHRS Member Societies

- American Hair Research Society (founding member)
- Australasian Hair and Wool Research Society (founding member)
- Chinese Hair Research Society
- European Hair Research Society (founding member)
- Korean Hair Research Society (founding member)
- Russian Hair Research Society
- Society for Hair Science and Research (founding member)
- Ukrainian Hair Research Society

* Listed in alphabetical order.

The first world congress occurred in 1995 and takes place every 2-3 years, rotating the globe, hosted by one of the member societies of the IFHRS.

The Heart of Innovation and Culture

The area around COEX in Samseong-dong is where Seoul's **dynamic business energy and rich culture coexist**. Step outside the venue to discover unique experiences just a short walk away.

Nearby Highlights (Walking Distance)

Starfield Library

Located in the heart of COEX Mall, this open-concept library boasts towering 13-meter-high bookshelves. Its breathtaking scale has made it one of Seoul's most Instagrammable landmarks.



Bongeunsa Temple

Nestled amidst a forest of modern skyscrapers, this serene Buddhist temple boasts over 1,200 years of history. It offers a perfect escape from academic sessions, allowing you to enjoy a peaceful stroll while experiencing the essence of Korea's traditional beauty.



Seonjeongneung Royal Tombs

A serene UNESCO World Heritage site in Gangnam, perfect for a **peaceful stroll** through history and nature.



K-POP Square (At COEX Artium)

A must-visit for K-pop fans. Located at COEX Artium, this hub offers the latest K-pop albums, official merchandise, and an immersive fan experience.



An Easy Way to Use Public Transportation in Seoul with **T-money Card**

All international attendees will receive a T-money card upon registration. The average fare is approximately KRW 1,500 for buses and KRW 1,550 for subways per trip.



T-money Card (The Essential Travel Pass)

A convenient transportation card for buses and subways in Seoul, offering easy payment and free transfer benefits.

Preloaded Balance

Your card will be preloaded with KRW 10,000 upon receipt.

Top-up

Additional balance can be added at convenience stores or subway ticket vending machines.

Usage

Simply tap your card on the sensors when entering and exiting buses or subways.

Transfers (Save Your Fare)

Transfers between buses and subways are free within 30 minutes (up to 4 times). To receive the transfer discount on buses, please tap your card again when getting off.

Additional Use

Any remaining balance can also be used at convenience stores.

Official Partners of WCHR 2026

DIAMOND



PLATINUM



GOLD



SILVER



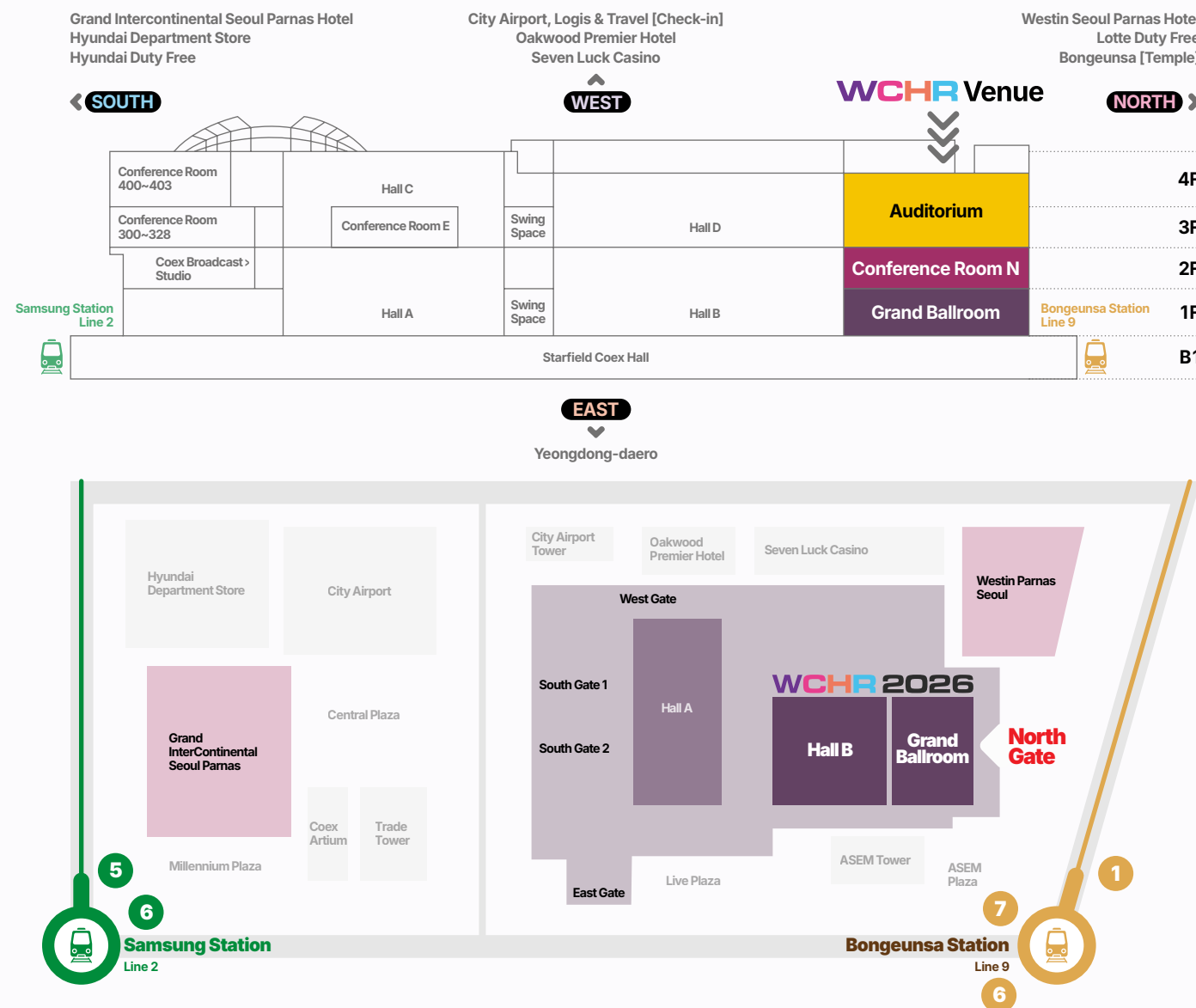
BRONZE



Supports



COEX Overview



Symposium Venue Layout

3F Auditorium



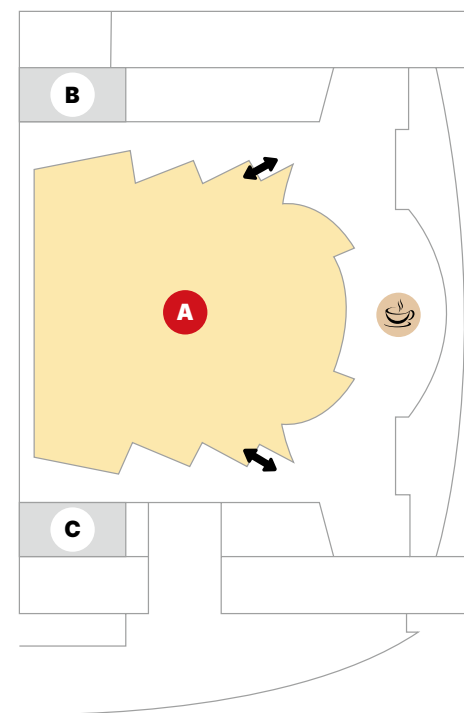
2F Conference Room North



1F Grand Ballroom, B2 Hall



3F Auditorium

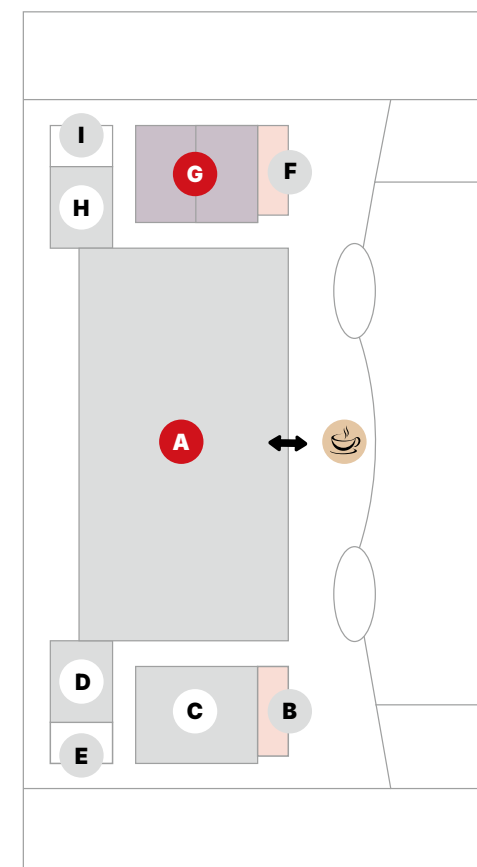


- A Auditorium** Opening Ceremony, KN1, PS1 (May 28, 16:30-19:00)
- B R2** IFHRS Board Meeting (May 28, 08:00-12:00)
- C R1** Meeting Room
- Coffee Station

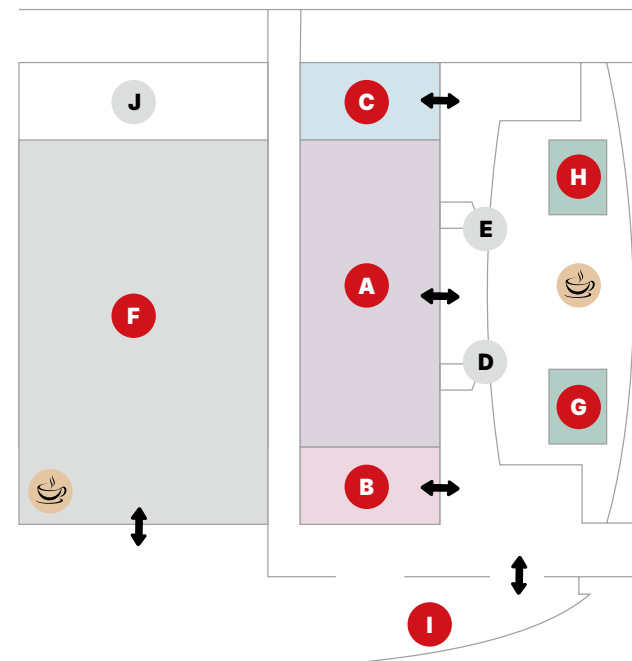
* This space is used on Day1 (May 28) only.

2F Conference Room North

- A Asem Ballroom** Sponsor Booth Exhibition
- B R204** Media Room
- C R205** Meeting Room
- D R206** Meeting Room
- E R207** Meeting Room
- F R208** Media Partner Room
- G R209** Platinum Sponsor Private Lounge - Unilever & Kenvue Korea
- H R210** Meeting Room
- I R211** Meeting Room
- Coffee Station

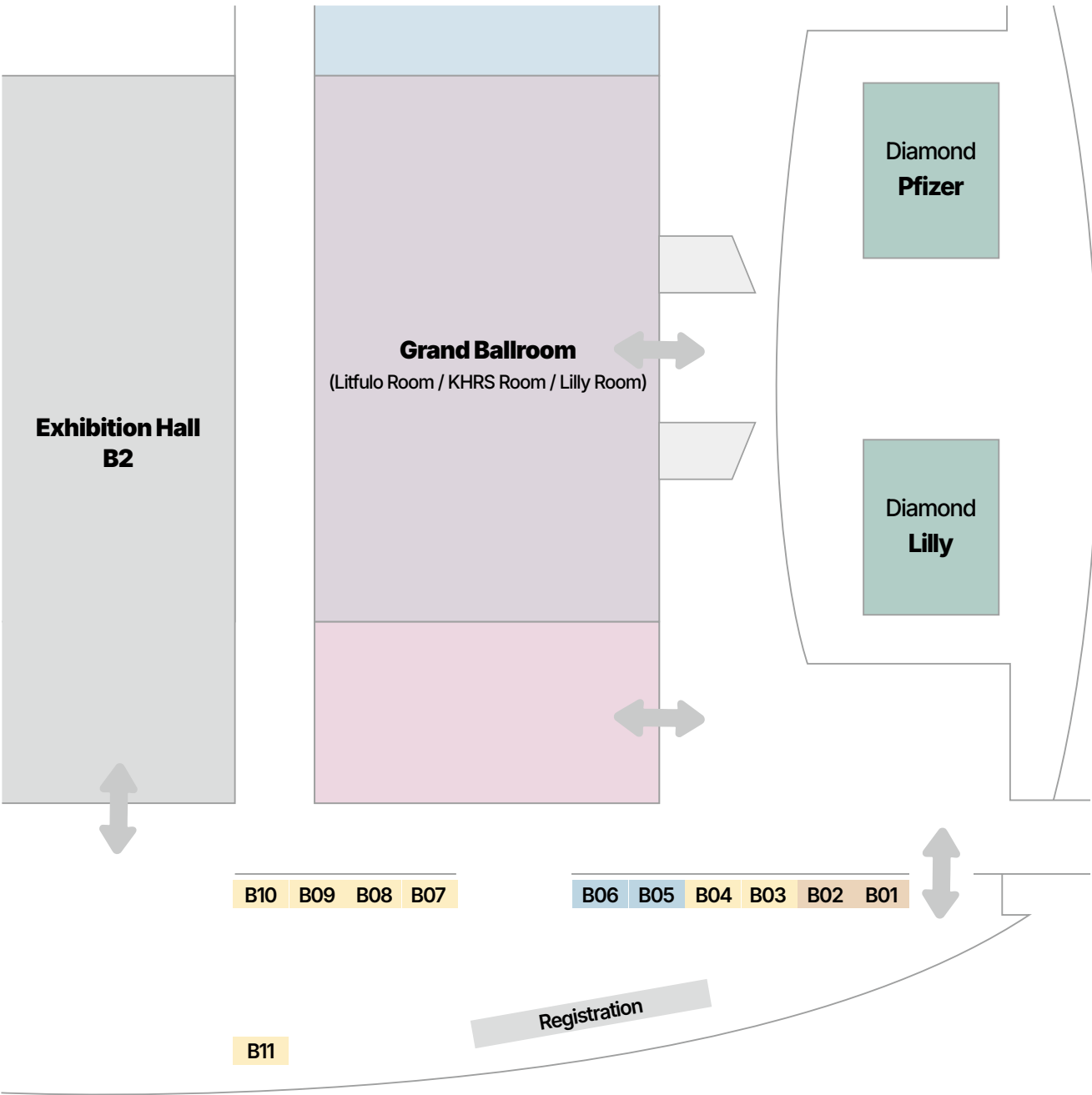


1F Grand Ballroom



- A Grand Ballroom 102/103/104** KHRS Room
- B Grand Ballroom 101** Lilly Room
- C Grand Ballroom 105** Litfulo Room
- D Room V1** Preview Room
- E Room V2** Speaker Ready Room
- F Exhibition Hall, B2**
Poster Walk, Poster Exhibition, ePoster
- G Diamond Sponsor Booth** Lilly
- H Diamond Sponsor Booth** Pfizer
- I Registration**
- J Rest Area**
- Coffee Station

Booth Exhibition (1F)



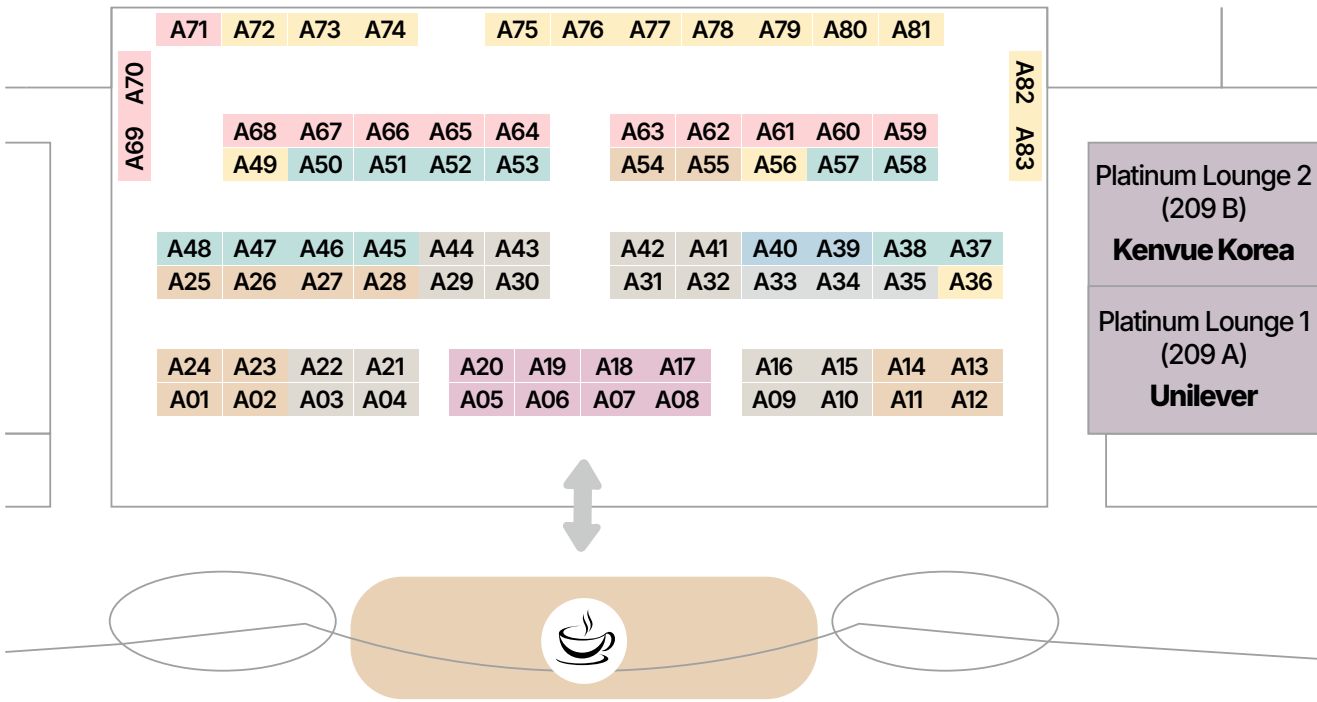
Main Sponsor

Diamond	Lilly	1F Foyer
	Pfizer	1F Foyer
Bronze	KYOCA	B01-B02
Standard	Johnson & Johnson innovative medicine	B05-B06

General Sponsor

Brexogen	B03
REV-MED Inc.	B04
WCHR 2028	B07
American Hair Research Society	B08
International Society of Hair Restoration Surgery	B09
National Alopecia Areata Foundation	B10
Korea Alopecia Areata Association	B11

Booth Exhibition (2F)

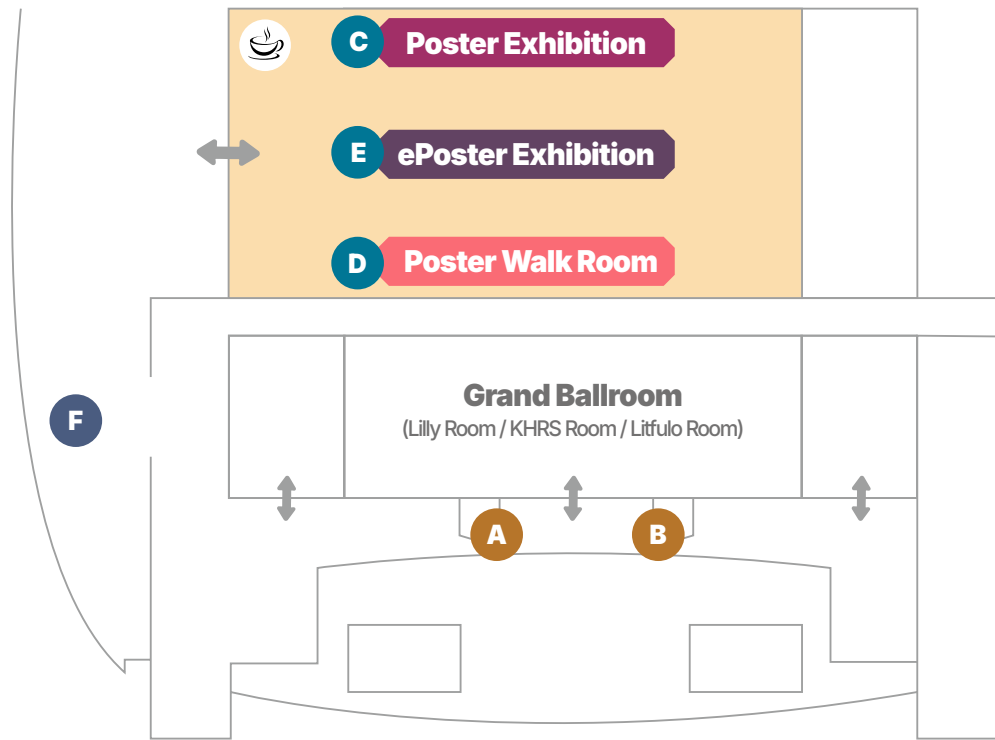


Main Sponsor

Platinum	Unilever	A07-08 A17-18
	Kenvue Korea	A05-06 A19-20
Gold	AbbVie Korea	A09-10 A15-16
	Yuhan Corporation	A03-04 A21-22
	Organon Korea	A31-32 A41-42
	Off&Relax	A29-30 A43-44
Silver	Sanofi	A33-35
	L'Oréal R&I · Vichy	-
Bronze	HANALL BIOPHARMA	A01-02
	DONGKOO Bio&Pharma	A11-12
	Galderma Korea	A13-14
	NeoPharm Co., Ltd.	A23-24
	UCB KOREA	A25-26
	BIONEER CORP. (CosmeRNA)	A27-28
Standard	Pierre Fabre Dermocosmetics	A54-55
	GSK	A39-40

General Sponsor

DOUM Corporation	A37-38
BNV Biolab	A45-46
WELLBIZ INTERNATIONAL	A47-48
VAIM	A50-51
JSK Biomed	A52-53
CHONG KUN DANG	A57-58
XIMEIEN Cosmetics Co., Ltd.	A59
Tricopat	A60
Canfield Scientific, Inc.	A61
REGENERA ACTIVA WORLDWIDE S.L.	A62-63
YUFA Medical Hair	A64-65
Puncture Robotic	A66
IHOMI Medical Technology Group Co.,Ltd	A67
Honxin Medical Equipment (Beijing) Co., Ltd.	A68
TrichoLAB	A69
Lumenis	A70
MDPI	A71
DONG-A ST Co., Ltd.	A36
Dongkook Pharmaceutical	A49
JW SHINYAK	A56
C&C Healthcare Co., Ltd.	A72
ANAGEN	A73
KC TECHNOLOGY CO., LTD.	A74
ARAM HUVIS Co., Ltd.	A75
AesMed Co., Ltd.	A76
ichrogene, Inc.	A77
ExoCoBio Inc.	A78
Epi Biotech Co., Ltd.	A79
Novartis Korea Co., Ltd.	A80-81
LEO Pharma Limited	A82
ChoiceTech Co., Ltd.	A83



Speaker & Chair Information

Preview Room **A**

Speakers may review, edit, and upload presentation materials before their sessions.

Speaker Ready Room **B**

An exclusive lounge for speakers and chairs to network, relax, and enjoy light refreshments.

Poster & ePoster Information

Poster Exhibition **C**

Accepted posters will be displayed in B2 Hall (1F) from Day 1 to Day 3.

See the *Poster List* (p.74)

ePoster Exhibition **E**

Accepted ePosters may be viewed through the on-site ePoster kiosks from Day 1 to Day 4.

See the *ePoster List* (p.86)

Poster Walk Room **D**

Poster Walk sessions will be held on Day 2 and Day 3.

May 29 (Fri), 2026 | 15:40 – 16:05

May 30 (Sat), 2026 | 15:00 – 15:45

See the *Poster Walk Timetable* (p.44, p.58)

General Information

Meal Information

Complimentary meals will be available during the Breakfast Symposium and Luncheon Symposium sessions.

Certificate of Attendance

Certificates of Attendance will be issued upon request after the congress.

Please contact the Secretariat by email for certificate issuance.

Registration **F**

Upon registration, you will receive a name badge, congress materials, and souvenir items.

Operating Hours

May 28 (Thu), 2026 | 12:00 – 18:00

May 29 (Fri) – 30 (Sat), 2026 | 07:00 – 18:00

May 31 (Sun), 2026 | 07:00 – 12:00

On-site Services

Charging Station

Self-service charging stations are available behind the session rooms. Please use your own charger and keep your belongings with you at all times.

Wi-Fi

Network: COEX free wifi zone
Free Wi-Fi is available throughout the venue. Connection speed and stability may vary depending on network traffic.

Scientific Program

Official Website

View the latest scientific program and information.



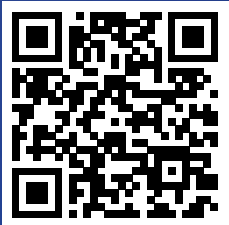
Program Book

Access and download the full Program Book.



Abstract Book

Access and download the full Abstract Book.



PW: WCHR2026

Abstract Presentations



Poster Walk Details



Poster List



ePoster List

Social & Travel Information



Social Program



Tour Program



Useful Tips

Special Track Auditorium (3F)		KHS Room Grand Ballroom - 102/103/104 (1F)	
IFHRS Board Meeting Location3F Auditorium, Meeting Room 2 Date & TimeMay 28 (Thu), 2026 08:00-12:00			
	14:00 - 15:10	PC1	Clinical crossroads: Alopecia areata
		Breakthrough partial remission in refractory alopecia areata: Significant hair recovery after short-course high-dose tofacitinib	
		Treatment challenges in alopecia areata: Insights from a case managed with baricitinib	
		Therapeutic dilemma in alopecia areata refractory to JAK inhibitor and dupilumab monotherapy: Utility of combination therapy	
		Excimer laser: A therapeutic alternative in severe alopecia areata	
		Baricitinib with adjunctive platelet-rich plasma injection in chronic refractory alopecia universalis: A strategy for durable response	
	15:10 - 16:20	PC4	Clinical crossroads: Cicatricial alopecia
		Therapeutic challenges and clinical decision-making in fibrosing alopecia in a pattern distribution	
		Biphasic spectrum: Folliculitis decalvans with lichen planopilaris phenotype in a patient with reactive arthritis	
		Lichen planopilaris-like cicatricial alopecia following platelet-rich plasma therapy: A case report	
		Metabolic contributors to CCCA activity: When should insulin resistance be assessed?	
	Refractory folliculitis decalvans with persistent inflammation despite antibiotics and biologics: Infection-driven or autoinflammatory?		
16:30 - 17:30	Opening Ceremony		
17:30 - 18:10	KN1	Keynote Lecture 1	
	Beyond death: Reconstructing human organogenesis through skin fibroblast lineage tracing using post-mortem somatic variants		
18:10 - 19:00	PS1	Opening Plenary Session	
	Establishing consensus on persistent chemotherapy-induced alopecia: Insights from a Delphi study of hair and supportive oncodermatology experts		
	Epithelial stem cells in the upper hair follicle contribute to epidermal homeostasis		
	Dermatitis-induced adipocyte lipolysis activates hair follicle stem cells via fatty acid metabolic communication		

Lilly Room Grand Ballroom - 101 (1F)		Litfulo Room Grand Ballroom - 105 (1F)	
	PC2		PC3
	Hair loss in oncologic conditions: From mechanisms to solutions		Mouse models
14:00 – 15:10	Mechanism of chemotherapy-induced alopecia	14:00 – 15:10	Alopecia areata mouse models: Understanding immune-mediated pathogenesis
	Permanent chemotherapy-induced alopecia		Humanized mouse models as the crucial bridge for linking preclinical and clinical immunodermatology research
	Radiotherapy-induced alopecia: Mechanisms of temporary and persistent hair loss		Mouse models to decode hair greying and hair loss
	PC5		PC6
	Trichoscopy: Essentials and innovation		Core concepts in spatial omics
15:10 – 16:20	Trichoscopy: Algorithmic approach for hair disorders	15:10 – 16:20	Trending updates: 3D genome and spatial transcriptomics
	Trichoscopy, focusing on non-scarring alopecia & clinical decision based on trichoscopic finding		Integrating single-cell and spatial transcriptomics to understand scalp disorders
	Trichoscopy, focusing on scarring alopecia & clinical decision based on trichoscopic finding		Essential practical considerations for the design and analysis of robust skin spatial transcriptomics studies
	Broken hairs under trichoscopy: Algorithm and interesting cases		
Welcome Reception An informal networking reception welcoming all attendees to WCHR 2026 Date & Time May 28 (Thu), 2026 19:00 Location Grand Ballroom Foyer 			

DAY 1

Thursday 28, MAY

Special Track

Auditorium (3F)

16:30-17:30 Opening Ceremony

16:30-16:33 Opening Remarks

16:33-16:40 Opening Performance

Welcome Address

- Moon-Bum Kim, Congress Co-President, Korea
- Ohsang Kwon, Congress Co-President, Korea
- Chang-Hun Huh, Congress Co-President, Korea

Special Talk

- 16:50-17:05 Building the global hair research community: The history of WCHR and the continuing role of KHRS
- Won-Soo Lee, Honorary Advisor of WCHR 2026, Korea

Greetings from IFHRS

- International Federation of Hair Research Societies, Wilma Bergfeld, USA
- American Hair Research Society, John T. Seykora, USA
- Australasian Hair and Wool Research Society, Rodney Sinclair, Australia
- 17:05-17:25 • Chinese Hair Research Society, Jianzhong Zhang, China
- European Hair Research Society, Claire Higgins, UK
- Russian Hair Research Society, Andrey Panteleyev, Russia
- The Society for Hair Science and Research, Manabu Ohyama, Japan
- Ukrainian Hair Research Society, Yuliya Ovcharenko, Ukraine

17:25-17:30 Official Announcement of WCHR 2026

17:30- Closing Remarks

K N 1 Keynote Lecture

17:30-18:10 In this keynote lecture, Professor Ji Won Oh explores how post-mortem somatic variants can be leveraged to reconstruct human skin lineage and organogenesis, offering a novel framework for understanding developmental trajectories through skin fibroblast lineage tracing.

CHAIR Ohsang Kwon (Seoul National University, Korea)

17:33-18:03

+7 min Q&A

Beyond death: Reconstructing human organogenesis through skin fibroblast lineage tracing using post-mortem somatic variants

Ji Won Oh (Yonsei University, Korea)

**Ji Won Oh**

is an Assistant Professor in the Department of Anatomy at Yonsei University College of Medicine, Seoul, Korea. He is a physician-scientist specializing in human hair biology, stem cell research, and human developmental lineage tracing. Dr. Oh earned his M.D., M.S., and Ph.D. from Kyungpook National University, where his doctoral work focused on human hair follicles and androgenetic alopecia.

He completed postdoctoral training at the University of California, Irvine under Prof. Maksim Plikus and has since held academic and clinical research positions at major medical institutions in Korea. Dr. Oh has published extensively in high-impact journals including Nature and is supported by competitive funding from the NIH (USA), NRF of Korea, and the Samsung Science & Technology Foundation.

P S 1 Opening Plenary Session

18:10-19:00 This session will present the top-rated abstracts competitively selected from free paper submissions, showcasing breakthrough discoveries and innovative methodologies in contemporary hair research.

CHAIR Chang-Hun Huh (Seoul National University, Korea)

CHAIR Claire Higgins (Imperial College London, UK)

CHAIR John T. Seykora (University of Pennsylvania, USA)

18:10-18:22

+3 min Q&A

P-150 Establishing consensus on persistent chemotherapy-induced alopecia: Insights from a Delphi study of hair and supportive oncodermatology experts

Azael Freites-Martinez (Hospital Ruber Juan Bravo and Universidad Europea, Spain)

18:25-18:37

+3 min Q&A

P-177 Epithelial stem cells in the upper hair follicle contribute to epidermal homeostasis

Lu Q. Le (University of Virginia, USA)

18:40-18:52

+3 min Q&A

P-182 Dermatitis-induced adipocyte lipolysis activates hair follicle stem cells via fatty acid metabolic communication

Sung-Jan Lin (National Taiwan University, Taipei)

P C 1 Clinical crossroads: Alopecia areata

14:00-15:10 This session features a curated selection of challenging case presentations submitted from around the world, focusing on clinical crossroads in refractory or relapsing alopecia areata. Following each presentation, an expert panel will discuss personalized management strategies and share insights on optimizing treatment approaches for these complex cases.

PANEL Young Lee (Chungnam National University, Korea)

PANEL Chang-Hun Huh (Seoul National University, Korea)

PANEL Taisuke Ito (Hamamatsu University School of Medicine, Japan)

PANEL Jerry Shapiro (New York University, USA)

PANEL **Maria Hordinsky** (Minnesota University, USA)

PANEL Yuval Ramot (Hadassah Medical Center, Israel)

PANEL Bianca Maria Piraccini (Private Dermatology Practice, Italy)

14:00-14:05 **Breakthrough partial remission in refractory alopecia areata: Significant hair recovery after short-course high-dose tofacitinib**

Valentina Villarreal Hernández (Fundación Universitaria de Ciencias de la Salud (FUCS), Colombia)

14:12-14:17 **Treatment challenges in alopecia areata: Insights from a case managed with baricitinib**

Andra-Luana Calitoiu (C.F Hospital Timisoara, Romania)

14:24-14:29 **Therapeutic dilemma in alopecia areata refractory to JAK inhibitor and dupilumab monotherapy: Utility of combination therapy**

Isabella Zappi (New York University, USA)

14:36-14:41 **Excimer laser: A therapeutic alternative in severe alopecia areata**

Esteban Covian (Psoriahue Interdisciplinary Medicine, Argentina)

14:48-14:53 **Baricitinib with adjunctive platelet-rich plasma injection in chronic refractory alopecia universalis: A strategy for durable response**

Suphattra Trakanwittayarak (Mahidol University, Thailand)

15:00-15:10 Closing discussion & award presentation

P C 4 Clinical crossroads: Cicatricial alopecia

15:10-16:20 This session features a curated selection of challenging case presentations submitted from around the world, focusing on clinical crossroads in chronic and relapsing primary cicatricial alopecia, encompassing both lymphocytic and neutrophilic subtypes. Following each presentation, an expert panel will discuss personalized management strategies across diverse pathogenic drivers—including inflammation, infection, fibrosis, and metabolic factors—and share insights on optimizing treatment approaches.

PANEL Jin Park (Jeonbuk National University, Korea)

PANEL Jinran Lin (Fudan University, China)

PANEL Sergio Vañó-Galván (Hospital Universitario Ramón y Cajal, Spain)

PANEL Paradi Mirmirani (The Permanente Medical Group, USA)

PANEL Daniel Asz-Sigall (UNAM Hair & Skin Oncology Clinic, Mexico)

PANEL Masaki Uchivama (Tokyo Medical University, Japan)

15:10-15:15 **Therapeutic challenges and clinical decision-making in fibrosing alopecia in a pattern distribution**

Linxia Shen (Fudan University, China)

15:22-15:27 **Biphasic spectrum: Folliculitis decalvans with lichen planopilaris phenotype in a patient with reactive arthritis**

Pedro Barbosa (Hospital Universitario Austral, Argentina)

15:34-15:39 **Lichen planopilaris-like cicatricial alopecia following platelet-rich plasma therapy: A case report**

Tea Rosovic (Polyclinic GrandMed, Croatia)

15:46-15:51 **Metabolic contributors to CCA activity: When should insulin resistance be assessed?**

Derek Maas (New York University Grossman School of Medicine, USA)

15:58-16:03 **Refractory folliculitis decalvans with persistent inflammation despite antibiotics and biologics: Infection-driven or autoinflammatory?**

Tae-Jong Kang (Jeonbuk National University, Korea)

16:10-16:20 Closing discussion & award presentation

DAY 1

Thursday 28, MAY

Lilly Room

Grand Ballroom - 101 (1F)

**P C 2 Hair loss in oncologic conditions:
From mechanisms to solutions**

14:00-15:10

This session explores the biological mechanisms of hair loss caused by chemotherapy and radiotherapy, spanning both transient and permanent alopecia, and discusses emerging strategies to prevent and manage treatment-related hair loss in oncologic patients.

CHAIR Ohsang Kwon (Seoul National University, Korea)**CHAIR** Sung-Jan Lin (National Taiwan University, Taipei)**CHAIR** Longquan Pi (Yanbian University, China)**14:05-14:22 Mechanism of chemotherapy-induced alopecia**

+3 min Q&A

Ohsang Kwon (Seoul National University, Korea)

14:25-14:42 Permanent chemotherapy-induced alopecia

+3 min Q&A

Michela Starace (University of Bologna, Italy)

14:45-15:02 Radiotherapy-induced alopecia: Mechanisms of temporary and persistent hair loss

+3 min Q&A

Sung-Jan Lin (National Taiwan University, Taipei)



Ohsang Kwon



Michela Starace



Sung-Jan Lin

P C 5 Trichoscopy: Essentials and innovation

15:10-16:20

This session provides a practical guide for clinicians on the use of trichoscopy in hair disorders, covering essential principles and algorithmic approaches. It also explores innovative applications of trichoscopy and its integration into clinical decision-making in both scarring and non-scarring alopecia.

CHAIR Moon-Bum Kim (Pusan National University, Korea)**CHAIR** Lidia Rudnicka (University of Warsaw, Poland)**CHAIR** Isabella Doche (University of São Paulo, Brazil)**15:13-15:27 Trichoscopy: Algorithmic approach for hair disorders**

+2 min Q&A

Moon-Bum Kim (Pusan National University, Korea)

15:29-15:43 Trichoscopy, focusing on non-scarring alopecia & clinical decision based on trichoscopic finding

+2 min Q&A

Lidia Rudnicka (University of Warsaw, Poland)

15:45-15:59 Trichoscopy, focusing on scarring alopecia & clinical decision based on trichoscopic finding

+2 min Q&A

Isabella Doche (University of São Paulo, Brazil)

16:01-16:15 Broken hairs under trichoscopy: Algorithm and interesting cases

+2 min Q&A

Cheng Zhou (Peking University, China)



Moon-Bum Kim



Lidia Rudnicka



Isabella Doche



Cheng Zhou

DAY 1

Thursday 28, MAY

Litfulo Room

Grand Ballroom - 105 (1F)

P C 3 Mouse models

14:00-15:10 This course provides key insights and practical tips for beginners using mouse models in various hair disorders. The session also explores emerging models and their potential applications in research.

CHAIR Amos Gilhar (Technion-Israel Institute of Technology, Israel)

CHAIR Chang Deok Kim (Chungnam National University, Korea)

14:05-14:22 **Alopecia areata mouse models: Understanding immune-mediated pathogenesis**
+3 min Q&A
Joon Seok (Chung-Ang University, Korea)

14:25-14:42 **Humanized mouse models as the crucial bridge for linking preclinical and clinical immunodermatology research**
+3 min Q&A
Amos Gilhar (Technion-Israel Institute of Technology, Israel)

14:45-15:02 **Mouse models to decode hair greying and hair loss**
+3 min Q&A
Emi Nishimura (University of Tokyo, Japan)



Joon Seok



Amos Gilhar



Emi Nishimura

P C 6 Core concepts in spatial omics

15:10-16:20 This session provides a solid introduction and guide to spatial omics tools, which have emerged as powerful techniques in hair research.

CHAIR Carlos Clavel (A*STAR Skin Research Labs, Singapore)

CHAIR Dongyoun Lee (Sungkyunkwan University, Korea)

CHAIR Jung Eun Kim (The Catholic University of Korea, Korea)

15:15-15:32 **Trending updates: 3D genome and spatial transcriptomics**
+3 min Q&A
Inkyung Jung (KAIST, Korea)

15:35-15:52 **Integrating single-cell and spatial transcriptomics to understand scalp disorders**
+3 min Q&A
Carlos Clavel (A*STAR Skin Research Labs, Singapore)

15:55-16:12 **Essential practical considerations for the design and analysis of robust skin spatial transcriptomics studies**
+3 min Q&A
Hanjae Lee (Seoul National University, Korea)



Inkyung Jung



Carlos Clavel



Hanjae Lee

KHRS Room Grand Ballroom - 102/103/104 (1F)		Lilly Room Grand Ballroom - 101 (1F)	
08:00 - 08:50	BS1		
	Yuhan Corporation Advancing AGA treatment: Phase 3 evidence of Movana tablet (dutasteride 0.2 mg)		
09:00 - 10:00	SS1		SY1 Cutting-edge technologies Visualizing skin and hair growth with single-cell technologies Charting the hair follicle stem cell niche during health and disease using spatial multi-omics Live imaging of basement membrane dynamics during skin morphogenesis A multi-omic single-cell analysis of perinatal mouse skin maps lineage specification and uncovers shared dynamics in human fetal skin
	Pfizer Introduction to ritlecitinib Real world evidence of ritlecitinib in AA		
10:10 - 10:30	Coffee Break	09:00 - 10:10	
10:30 - 11:10	KN2		
	Keynote Lecture Alopecia areata: The journey to JAK inhibitors		
11:10 - 12:20	SY3		
	AGA: Gender specific approaches Update in management of MPHL Update in management of female pattern hair loss and gender diverse individuals Key surgical considerations for gender-specific AGA management Vitamin A derivatives as nonsteroidal modulators of estrogen receptor-α signaling improve female pattern hair loss		
12:30 - 13:30	LS1		
	Pfizer Long term efficacy and safety of ritlecitinib Real world evidence of ritlecitinib in AA		
14:00 - 15:30	SY6		
	Cicatricial alopecia New insights into CCCA pathogenesis Frontal fibrosing alopecia: Past lessons, present insights The therapeutic role of metformin in frontal fibrosing alopecia Update on neutrophilic alopecias (folliculitis decalvans and dissecting cellulitis) Distinct scalp and hair follicles microbiome signatures and biofilm formation in neutrophilic primary cicatricial alopecia Spatial transcriptomic analysis reveals compartment-specific immune and epithelial gene signatures in alopecia and cicatricial alopecia		
15:30 - 16:10	LS2		
	Kenvue Korea Basic therapy for hair loss treatment, the use of topical minoxidil, and case sharing		
16:10 - 17:40	SY9		
	Alopecia areata: Pathogenesis Insights into the immunopathogenesis of alopecia areata Pathogenic CD8 T cell differentiation in alopecia areata Winning the battle between immune regulation and hair follicle immune privilege collapse: Cell-based therapy with autologous γδ Tregs Clinical characteristics and immune-pathophysiology of rapidly progressive alopecia areata: An implication for early prediction of therapeutic outcomes The contribution of CD8+ T cell autophagy-apoptosis crosstalk to the persistence and relapse of alopecia areata		
18:00 - 19:00	SS2		
	Lilly Understanding the immunologic link between alopecia areata and atopic dermatitis Olumiant: Efficacy and safety in alopecia areata and atopic dermatitis Experience sharing: Alopecia areata patients with concomitant atopic dermatitis		
	SS3		
	Unilever From exposome stress to repair: Decoding hair damage pathways to enable targeted fibre repair and protection		

Litfulo Room Grand Ballroom - 105 (1F)	
09:00 - 10:10	SY2 Hair fiber & scalp health care From grey to color: The science of hair dye and potential risks Structural enhancement of newly formed hair fiber via molecular modulation of a novel COCH gene A trichologist's role in the management of hair loss and scalp disorders Unveiling the human mycobiome: Insights from skin and gut fungal communities
	Coffee Break
11:10 - 12:20	SY5 Genetics and pediatric alopecia Inborn errors of immunity in pediatric alopecia areata Shared founder effect of the LIPH variant underlies the high prevalence of autosomal recessive woolly hair/hypotrichosis in Korea and Japan Different properties of loss-of-function between variants in the LIPH gene responsible for autosomal recessive woolly hair and further characterization of C3orf52 Novel aspects in genetic hair disorders
	LS3 L'Oréal R&I · Vichy Perioperative scalp health management in hair transplantation: Advanced strategies and clinical practices Hair and scalp longevity: Advancements in aging science for scalp and follicle health
14:00 - 15:30	SY8 Hair cosmeceuticals and therapeutics Losing weight and losing hair: New emerging types of hair loss Re-pigmentation of grey hair Efficacy and safety of CG2001, a topical combination of minoxidil and finasteride in Chinese with androgenetic alopecia: Dose-ranging, randomized, controlled, double-blind phase 2 study Clinical evaluation of a double-cultured microbiome for restoring scalp balance Tacrolimus promotes human scalp hair follicle growth and increases the hair follicle epithelial stem cell pool Effectiveness of molecular weight controlled chitosan on androgenetic alopecia
	Coffee Break & Poster Walk
16:10 - 17:40	SY11 Patient-reported burden in hair disorders Why do patient reported outcomes matter in hair loss? Development and initial validation of a composite scoring system for alopecia areata: An Australian initiative Advances in psychotrichology: New concepts and clinical perspectives Psychotrichology in practice: Managing trichotillomania and related disorders Patient-reported real-world experiences with scarring alopecia: Insights from the CAPAIR (Cicatricial Alopecia Patient Assessment and Impact Report) survey
17:50 - 19:00	FC1 Free Communications Rejuvenation strategies for hair and scalp using stem cell extracts Spatial transcriptomics of young and aged female scalp presents novel insights into cell-specific changes impacting hair follicle aging Deciphering the spontaneous aggregation of vibrissa dermal papilla cells reveals multiple cellular and molecular phenomena Decoding the shared genetic and immune mechanisms linking alopecia areata and autoimmune thyroid disease Detachment of the arrector pili muscle from the hair bulge precedes miniaturization in androgenetic alopecia Comparative effectiveness and safety of oral baricitinib and ritlecitinib in severe alopecia areata: A real-life multicenter retrospective study Particulate matter exposure increases androgenetic alopecia risk: Evidence from a nationwide cohort and experimental studies

EHRs Society Meeting

Location 2F Conference Room North, 205
Date & Time May 29 (Fri), 2026 | 12:30-14:00

Presidential Dinner

An official invited dinner for invited speakers and society representatives

Date & Time
May 29 (Fri), 2026 | 19:00

Venue
Grand Ballroom, SIGNIEL SEOUL

Shuttle Bus
Departure at 18:00 from the COEX Grand Ballroom Lobby



KHRS Room

Grand Ballroom - 102/103/104 (1F)

B S 1 Yuhan Corporation

08:00-08:50 This presentation reviews clinical strategies for managing Androgenetic Alopecia (AGA), focusing on the efficacy and safety of dutasteride. Long-term clinical evidence demonstrating superior hair growth and density outcomes versus finasteride will be discussed. Phase 3 results of the low-dose Movana Tablet (dutasteride 0.2 mg), recently approved in Korea, will be presented. The session highlights its clinical value and improved patient compliance, suggesting a practical treatment option for AGA.

CHAIR Yong Hyun Jang (Kyungpook National University, Korea)

08:00-08:50 **Advancing AGA treatment: Phase 3 evidence of Movana tablet (dutasteride 0.2 mg)**
Jung Eun Kim (The Catholic University of Korea, Korea)



Jung Eun Kim

Meal Provided

S S 1 Pfizer

09:00-10:00 Sponsored by Pfizer, this comprehensive symposium will provide an in-depth examination of crucial considerations in treating patients with alopecia areata. This program will feature three distinguished speakers who will guide you through the latest insights and practical applications of the clinical data.

CHAIR Chang-Hun Huh (Seoul National University, Korea)

09:00-09:10 **Welcome and introductions**

09:10-09:30 **Introduction to ritlecitinib**
Young Lee (Chungnam National University, Korea)

09:30-09:50 **Real world evidence of ritlecitinib in AA**
Michela Starace (University of Bologna, Italy)

09:50-10:00 **Close and Q&A**



Young Lee



Michela Starace

K N 2 Keynote Lecture

10:30-11:10 This plenary lecture traces the scientific journey from the discovery of alopecia areata to the development of JAK inhibitors, highlighting key translational milestones that have reshaped the understanding and treatment of autoimmune hair loss.

CHAIR Chang-Hun Huh (Seoul National University, Korea)

10:33-11:03 **Alopecia areata: The journey to JAK inhibitors**
+7 min Q&A
Angela M. Christiano (Columbia University, USA)



Angela M. Christiano

is the Richard & Mildred Rhodebeck Professor of Dermatology and Genetics & Development at Columbia University, where she also serves as Vice Chair for Research. She is a globally recognized leader in hair biology, genetic skin disorders, and regenerative medicine.

Dr. Christiano received her Ph.D. in Microbiology and Molecular Genetics from Rutgers University and completed advanced training in dermatology and clinical molecular genetics. She is an elected member of the U.S. National Academy of Sciences and a former President of the Society for Investigative Dermatology.

Her research has transformed the understanding of alopecia areata through genetic discovery and translational approaches, including stem cell and 3D skin modeling. Supported by major NIH funding, her work bridges basic science and clinical application to develop novel therapies for hair and skin diseases.

S Y 3 AGA: Gender specific approaches

11:10-12:20 This session provides expert insights into the management of androgenetic alopecia, exploring gender-specific treatment approaches tailored to diverse hair loss patterns across individuals.

CHAIR Wilma Bergfeld (Cleveland Clinic, USA)

CHAIR Bark-Lynn Lew (Kyung Hee University, Korea)

CHAIR Weixin Fan (Jiangsu Province Hospital, China)

11:10-11:25 **Update in management of MPHL**
+3 min Q&A
Sergio Vañó-Galván (Hospital Universitario Ramón y Cajal, Spain)

11:28-11:43 **Update in management of female pattern hair loss and gender diverse individuals**
+3 min Q&A
Rachita Dhurat (Lokmanya Tilak Medical College and General Hospital, India)

11:46-12:01 **Key surgical considerations for gender-specific AGA management**
+3 min Q&A
Robin Unger (Mount Sinai Hospital, USA)

12:04-12:13 **P-155 Vitamin A derivatives as nonsteroidal modulators of estrogen receptor-α signaling improve female pattern hair loss**
+2 min Q&A
Jaeyoon Kim (LG Household & Health Care, Korea)



Sergio Vañó-Galván



Rachita Dhurat



Robin Unger

L S 1 Pfizer

12:30-13:30 Please join us for this Pfizer-sponsored educational symposium designed to elevate your approach to early intervention and long-term care in alopecia areata. Gain critical insights and actionable strategies from three distinguished speakers who will share their experience and provide a comprehensive clinical guide to treatment.

CHAIR Ohsang Kwon (Seoul National University, Korea)

Meal Provided 🍽️

12:30-12:35 **Welcome and introductions**

12:35-12:55 **Long term efficacy and safety of ritlecitinib**
Brett King (Yale University, USA)

12:55-13:15 **Real world evidence of ritlecitinib in AA**
Wenyu Wu (Fudan University, China)

13:15-13:25 **Panel discussion**

13:25-13:30 **Questions from the audience & Close**



Brett King



Wenyu Wu

S Y 6 Cicatricial alopecia

14:00-15:30 This session covers recent advances in the pathogenesis of scarring alopecia, encompassing both lymphocytic and neutrophilic primary cicatricial alopecias. It highlights emerging therapeutic approaches, including immunomodulatory, antimicrobial, and metabolic strategies, and discusses evolving insights into microbiome involvement and disease heterogeneity.

CHAIR John T. Seykora (University of Pennsylvania, USA)

CHAIR Sergio Vañó-Galván (Hospital Universitario Ramón y Cajal, Spain)

CHAIR Jorge Larrondo (Clínica Alemana, Chile)

14:00-14:15 **New insights into CCCA pathogenesis**
+3 min Q&A
John T. Seykora (University of Pennsylvania, USA)

14:18-14:33 **Frontal fibrosing alopecia: Past lessons, present insights**
+3 min Q&A
Paradi Mirmirani (The Permanente Medical Group, USA)

14:36-14:45 **P-098 The therapeutic role of metformin in frontal fibrosing alopecia**
+3 min Q&A
Amelle Ra (Salford Royal Hospital, UK)

14:48-15:03 **Update on neutrophilic alopecias (folliculitis decalvans and dissecting cellulitis)**
+3 min Q&A
Isabella Doche (University of São Paulo, Brazil)

15:06-15:15 **P-104 Distinct scalp and hair follicles microbiome signatures and biofilm formation in neutrophilic primary cicatricial alopecia**
+3 min Q&A
Jin Park (Jeonbuk National University, Korea)

15:18-15:27 **P-106 Spatial transcriptomic analysis reveals compartment-specific immune and epithelial gene signatures in alopecia and cicatricial alopecia**
+3 min Q&A
So Hee Park (The Catholic University of Korea, Korea)



John T. Seykora



Paradi Mirmirani



Isabella Doche

S Y 9 Alopecia areata: Pathogenesis

16:10-17:40 This session explores emerging insights into the pathogenesis of alopecia areata, highlighting key findings from both mouse and human studies to advance our understanding of disease mechanisms.

CHAIR Angela M. Christiano (Columbia University, USA)

CHAIR Young Lee (Chungnam National University, Korea)

CHAIR Taisuke Ito (Hamamatsu University, Japan)

16:10-16:25 **Insights into the immunopathogenesis of alopecia areata**

+3 min Q&A
Bark-Lynn Lew (Kyung Hee University, Korea)

16:28-16:43 **Pathogenic CD8 T cell differentiation in alopecia areata**

+3 min Q&A
You Jeong Lee (Seoul National University, Korea)

16:46-17:01 **Winning the battle between immune regulation and hair follicle immune privilege collapse: Cell-based therapy with autologous $\gamma\delta$ Tregs**

+3 min Q&A
Amos Gilhar (Technion-Israel Institute of Technology, Israel)

17:04-17:19 **Clinical characteristics and immune-pathophysiology of rapidly progressive alopecia areata: An implication for early prediction of therapeutic outcomes**

+3 min Q&A
Manabu Ohyama (Kyorin University, Japan)

17:22-17:34 **P-003 The contribution of CD8+ T cell autophagy-apoptosis crosstalk to the persistence and relapse of alopecia areata**

+3 min Q&A
Xiaoting Zhang (Sichuan University, China)



Bark-Lynn Lew



You Jeong Lee



Amos Gilhar



Manabu Ohyama

S S 2 Lilly

18:00-19:00 At the Crossroads of alopecia areata (AA) and atopic dermatitis (AD): Olumiant's Efficacy and Safety in Comorbid Patients This session uncovers the immunologic crossroads of AA and AD, and how one JAK inhibitor Olumiant addresses both - redefining comorbid skin disease management with real-world experience.

CHAIR Manabu Ohyama (Kyorin University, Japan)

18:00-18:05 **Welcome and introduction to the symposium**

18:05-18:20 **Understanding the immunologic link between alopecia areata and atopic dermatitis**

Ignasi Figueras (University of Barcelona, Spain)

18:20-18:35 **Olumiant: Efficacy and safety in alopecia areata and atopic dermatitis**

Hyunsun Park (Seoul National University, Korea)

18:35-18:45 **Experience sharing: Alopecia areata patients with concomitant atopic dermatitis**

Ignasi Figueras (University of Barcelona, Spain), Hyunsun Park (Seoul National University, Korea)

18:45-18:55 **Plenary Discussion and Live Q&A**

18:55-19:00 **Wrap Up and Close**



Ignasi Figueras



Hyunsun Park

DAY 2

Friday 29, May

Lilly Room

Grand Ballroom - 101 (1F)

S Y 1 Cutting-edge technologies

09:00-10:10 This session highlights the latest research using novel methodologies in hair science, providing insights into emerging technologies for future applications.

CHAIR Maria Kasper (Karolinska Institute, Sweden)

CHAIR Peggy Myung (Yale University, USA)

CHAIR Doyoung Kim (Yonsei University, Korea)

09:00-09:15 **Visualizing skin and hair growth with single-cell technologies**

+3 min Q&A
Maria Kasper (Karolinska Institute, Sweden)

09:18-09:33 **Charting the hair follicle stem cell niche during health and disease using spatial multi-omics**

+3 min Q&A
Carlos Clavel (A*STAR Skin Research Labs, Singapore)

09:36-09:51 **Live imaging of basement membrane dynamics during skin morphogenesis**

+3 min Q&A
Hironobu Fujiwara (RIKEN, Japan)

09:54-10:03 **P-112 A multi-omic single-cell analysis of perinatal mouse skin maps lineage specification and uncovers shared dynamics in human fetal skin**

+2 min Q&A
Hanjae Lee (Seoul National University, Korea)



Maria Kasper



Carlos Clavel



Hironobu Fujiwara

S Y 4 Stem cell & niche

11:10-12:20 This session explores the regulation of hair follicle and melanocyte stem cells and their niche, with a focus on intrinsic factors such as aging and transcriptional control, as well as extrinsic influences that link stem cell biology to hair disorders including androgenetic alopecia.

CHAIR George Cotsarelis (University of Pennsylvania, USA)

CHAIR Sarah Millar (Icahn School of Medicine at Mount Sinai, USA)

CHAIR Kihyuk Shin (Pusan National University, Korea)

11:10-11:28 **Up-to-date understanding of androgenetic alopecia**

+3 min Q&A
George Cotsarelis (University of Pennsylvania, USA)

11:31-11:49 **Hair follicle miniaturization in alopecia: Insights from stem cell-niche aging**

+3 min Q&A
Emi Nishimura (University of Tokyo, Japan)

11:52-12:10 **Transcriptional control of hair follicle stem cell quiescence and aging**

+3 min Q&A
Sarah Millar (Icahn School of Medicine at Mount Sinai, USA)



George Cotsarelis



Emi Nishimura



Sarah Millar

L S 2 Kenvue Korea

12:30-13:30 This session explores clinical data of topical minoxidil (foam type) that have been widely used from the past to the present.

In hair loss treatment, how topical minoxidil (foam type) can be used according to gender, age, and underlying diseases is also discussed.

Data on case sharing, adherence, and safety regarding co-prescription with various oral hair loss medications.

CHAIR Jiehyun Jeon (Korea University, Korea)

12:30-13:00 **Basic therapy for hair loss treatment, the use of topical minoxidil, and case sharing**

Jung-Won Shin (Seoul National University, Korea)

13:00-13:30 **Basic therapy for hair loss treatment, the use of topical minoxidil, and case sharing**

Gwang Seong Choi (Inha University, Korea)



Jung-Won Shin



Gwang Seong Choi

Meal Provided 

S Y 7 Hair follicle morphogenesis

14:00-15:30 This session explores fundamental mechanisms of hair follicle morphogenesis, dermal niche formation, and wound-induced neogenesis. It highlights spatiotemporal dynamics in hair follicle morphogenesis, providing key insights into regenerative potential and disease pathology.

CHAIR Colin Jahoda (Durham University, UK)

CHAIR Michael Rendl (Icahn School of Medicine at Mount Sinai, USA)

CHAIR Sekyu Choi (POSTECH, Korea)

14:00-14:15 **Constructing a spatiotemporal map of hair follicle dermal niche development**

+3 min Q&A
Peggy Myung (Yale University, USA)

14:18-14:33 **Control of dermal condensate formation**

+3 min Q&A
Michael Rendl (Icahn School of Medicine at Mount Sinai, USA)

14:36-14:45 **P-173 Multimodal spatiotemporal atlas of human hair follicle in aging and androgenetic alopecia**

+3 min Q&A
Xu Yanwen (Westlake University, China)

14:48-14:57 **P-260 An IL-33-Treg-IGF1 axis regulates wound-induced hair follicle neogenesis**

+3 min Q&A
Yu Han (Capital Medical University, China)

15:00-15:09 **P-117 Spatial and single-cell transcriptomics of human hair follicles reveals novel cell clusters and crosstalk across hair cycle and body sites**

+3 min Q&A
John Snowball (P&G, USA)

15:12-15:21 **P-278 Immunomodulatory potential of human hair follicle dermal sheath cup cells and development of a morphometric quality control method assessing this potential for regenerative therapy**

+3 min Q&A
Hyuma Tsuji (Shiseido, Japan)



Peggy Myung



Michael Rendl

SY10 Image-based diagnostics and innovation

16:10-17:40 This session focuses on innovations in image-based diagnostics for hair disorders, encompassing advanced imaging modalities, standardized longitudinal assessment, and AI-driven analytical approaches. It highlights how emerging imaging technologies and machine learning models can enhance disease characterization, monitoring, and clinical decision-making.

CHAIR Lidia Rudnicka (University of Warsaw, Poland)

CHAIR Beom Joon Kim (Chung-Ang University, Korea)

CHAIR Sik Haw (Inje University, Korea)

16:10-16:25
+3 min Q&A
Advances in diagnostic imaging of hair diseases: From trichoscopy to emerging technologies

Misaki Kinoshita-Ise (Kyorin University, Japan)

16:28-16:43
+3 min Q&A
Implementing systematic trichoscopy strategies for longitudinal cohorts

Dmitri Wall (University College Dublin, Ireland)

16:46-16:55
+3 min Q&A
P-147 Characterization of women's and infants hair in pregnancy, postpartum and neonatal period – A longitudinal cohort study

Kathrin Hillmann (Charité-Universitätsmedizin Berlin, Germany)

16:58-17:07
+3 min Q&A
P-130 Analysis of scalp manifestations in androgenetic alopecia and alopecia areata using high-frequency ultrasound

Xie Jun (Wuhan University, China)

17:10-17:19
+3 min Q&A
P-148 Scanning electron microscopic analysis of ultrastructural characteristics of hair shafts in congenital hypotrichosis with different genotypes

Jin-Yuan Ma (Capital Medical University, China)

17:22-17:31
+3 min Q&A
P-131 Validation of a trichoscopic atlas for early-stage androgenetic alopecia in Chinese men: A complement to the Hamilton-Norwood classification

Chunya Ni (Fudan University, China)



Misaki Kinoshita-Ise



Dmitri Wall

SS3 Unilever

18:00-19:00 This sponsored session by Unilever provides an overview of current perspectives and emerging topics in hair research.

CHAIR Steve Singleton (Unilever R&D, UK)

18:00-18:30
From exposome stress to repair: Decoding hair damage pathways to enable targeted fibre repair and protection

Veronique Munier (Unilever R&D, UK)

18:30-19:00
From exposome stress to repair: Decoding hair damage pathways to enable targeted fibre repair and protection

Stephen Maguire (Unilever R&D, UK)



Veronique Munier



Stephen Maguire

DAY 2

Friday 29, May

Litfulo Room

Grand Ballroom - 105 (1F)

S Y 2 Hair fiber & scalp health care

09:00-10:10 This session brings together academic and industry experts to discuss recent advances in hair fiber and scalp health research. Topics include novel strategies to improve hair fiber quality and pigmentation, microbiome-related insights on scalp, and the role of trichologists in scalp health care.

CHAIR Gillian Westgate (University of Bradford, UK)

CHAIR Won Serk Park (AmorePacific R&I Center, Korea)

CHAIR Natasha Atanaskova Mesinkovska (University of California, Irvine, USA)

09:00-09:15
+3 min Q&A
From grey to color: The science of hair dye and potential risks

Natasha Atanaskova Mesinkovska (University of California, Irvine, USA)

09:18-09:31
+2 min Q&A
Structural enhancement of newly formed hair fiber via molecular modulation of a novel COCH gene

Gyusang Jeong (AmorePacific R&I Center, Korea)

09:33-09:48
+3 min Q&A
A trichologist's role in the management of hair loss and scalp disorders

David Kingsley (World Trichology Society, USA)

09:51-10:06
+3 min Q&A
Unveiling the human mycobiome: Insights from skin and gut fungal communities

Won Hee Jung (Chung-Ang University, Korea)



Natasha Atanaskova Mesinkovska



Gyusang Jeong



David Kingsley



Won Hee Jung

S Y 5 Genetics and pediatric alopecia

11:10-12:20 This session covers the genetic foundations of hair loss disorders and clinical approaches to pediatric alopecia, bridging molecular insights with practical clinical management in younger patients where genetic factors often play a crucial role.

CHAIR Regina Betz (University of Bonn, Germany)
CHAIR Yutaka Shimomura (Yamaguchi University, Japan)
CHAIR Cheng Zhou (Peking University, China)

- 11:10-11:25** **Inborn errors of immunity in pediatric alopecia areata**
 +3 min Q&A Leslie Castelo-Soccio (The George Washington University, USA)
- 11:28-11:37** **P-144 Shared founder effect of the LIPH variant underlies the high prevalence of autosomal recessive woolly hair/hypotrichosis in Korea and Japan**
 +2 min Q&A Hyun-Tae Shin (Inha University, Korea)
- 11:39-11:54** **Different properties of loss-of-function between variants in the LIPH gene responsible for autosomal recessive woolly hair and further characterization of C3orf52**
 +3 min Q&A Yutaka Shimomura (Yamaguchi University, Japan)
- 11:57-12:12** **Novel aspects in genetic hair disorders**
 +3 min Q&A Regina Betz (University of Bonn, Germany)



Leslie Castelo-Soccio



Hyun-Tae Shin



Yutaka Shimomura



Regina Betz

L S 3 L'Oréal R&I · Vichy

12:30-13:30 This session focuses on evolving paradigms in comprehensive scalp and hair care, encompassing the latest advancements in longevity and integrated clinical management during perioperative hair transplantation. It highlights how applying fundamental aging science to follicle health, alongside the implementation of standardized, phased scalp care protocols during perioperative procedures like hair transplantation, can significantly optimize the scalp microenvironment, enhance barrier function, and improve long-term treatment outcomes and patient quality of life.

CHAIR Wenyu Wu (Fudan University, China)
CHAIR Bianca Maria Piraccini (Private Dermatology Practice, Italy)
CHAIR Pascale Mora (L'Oréal R&I, France)

- 12:30-13:00** **Perioperative scalp health management in hair transplantation: Advanced strategies and clinical practices**
 Wenyu Wu (Fudan University, China)
- 13:00-13:30** **Hair and scalp longevity: Advancements in aging science for scalp and follicle health**
 Frank Huang (L'Oréal R&I, China)



Wenyu Wu



Frank Huang

S Y 8 Hair cosmeceuticals and therapeutics

14:00-15:30 This session explores recent advances in hair cosmeceuticals and therapeutics, spanning cosmetic formulations, pharmacologic interventions, and microbiome-based and metabolic approaches. It highlights safety considerations, clinical efficacy, and emerging strategies aimed at improving hair pigmentation, regeneration, and scalp health.

CHAIR Rodney Sinclair (University of Melbourne, Australia)
CHAIR Bianca Maria Piraccini (Private Dermatology Practice, Italy)
CHAIR Jee-Bum Lee (Chonnam National University, Korea)

- 14:00-14:15** **Losing weight and losing hair: New emerging types of hair loss**
 +3 min Q&A Bianca Maria Piraccini (Private Dermatology Practice, Italy)
- 14:18-14:33** **Re-pigmentation of grey hair**
 +3 min Q&A Andy Goren (University of Rome, Italy)
- 14:36-14:45** **P-221 Efficacy and safety of CG2001, a topical combination of minoxidil and finasteride in Chinese with androgenetic alopecia: Dose-ranging, randomized, controlled, double-blind phase 2 study**
 +3 min Q&A Cheng Zhou (Peking University, China)
- 14:48-14:57** **P-159 Clinical evaluation of a double-cultured microbiome for restoring scalp balance**
 +3 min Q&A Haeun Lee (COSMAX BTI, Korea)
- 15:00-15:09** **P-190 Tacrolimus promotes human scalp hair follicle growth and increases the hair follicle epithelial stem cell pool**
 +3 min Q&A Jérémy Chéret (CUTANEON, Germany)
- 15:12-15:21** **P-169 Effectiveness of molecular weight controlled chitosan on androgenetic alopecia**
 +3 min Q&A Byung Cheol Park (Dankook University, Korea)



Bianca Maria Piraccini



Andy Goren

SY11 Patient-reported burden in hair disorders

16:10-17:40 This session explores the patient-reported burden of hair disorders, including psychosocial impact, subjective symptoms such as scalp burning, and the role of patient-reported outcome measures in clinical evaluation and care.

- CHAIR** Gwang Seong Choi (Inha University, Korea)
- CHAIR** Arash Mostaghimi (Harvard Medical School, USA)
- CHAIR** Yuliya Ovcharenko (V.N. Karazin Kharkiv National University, Ukraine)

16:10-16:25 +3 min Q&A	Why do patient reported outcomes matter in hair loss? Arash Mostaghimi (Harvard Medical School, USA)
16:28-16:43 +3 min Q&A	Development and initial validation of a composite scoring system for alopecia areata: An Australian initiative Rodney Sinclair (University of Melbourne, Australia)
16:46-17:01 +3 min Q&A	Advances in psychotrichology: New concepts and clinical perspectives Yuliya Ovcharenko (V.N. Karazin Kharkiv National University, Ukraine)
17:04-17:19 +3 min Q&A	Psychotrichology in practice: Managing trichotillomania and related disorders Katlein França (University of Miami, USA)
17:22-17:34 +3 min Q&A	P-096 Patient-reported real-world experiences with scarring alopecia: Insights from the CAPAIR (Cicatricial Alopecia Patient Assessment and Impact Report) survey Song Park (University of Washington, USA)



Arash Mostaghimi



Rodney Sinclair



Yuliya Ovcharenko



Katlein França

F C 1 Free Communications

17:50-19:00 This free communication session features competitively selected oral presentations showcasing emerging findings and innovative methodologies across diverse areas of hair biology and hair disorders, providing a dynamic platform for early-stage and cutting-edge research.

- CHAIR** Hyojin Kim (Inje University, Korea)
- CHAIR** Etienne Wang (National Skin Centre, Singapore)

17:50-17:59 +3 min Q&A	Rejuvenation strategies for hair and scalp using stem cell extracts Yoo-Wook Kwon (Seoul National University, Korea)
18:02-18:09 +2 min Q&A	P-120 Spatial transcriptomics of young and aged female scalp presents novel insights into cell-specific changes impacting hair follicle aging Julie Thornton (University of Bradford, UK)
18:11-18:18 +2 min Q&A	P-279 Deciphering the spontaneous aggregation of vibrissa dermal papilla cells reveals multiple cellular and molecular phenomena Yaqi Ye (Durham University, UK)
18:20-18:27 +2 min Q&A	P-018 Decoding the shared genetic and immune mechanisms linking alopecia areata and autoimmune thyroid disease F. Buket Basmanav Ünalán (University of Bonn, Germany)
18:29-18:36 +2 min Q&A	P-263 Detachment of the arrector pili muscle from the hair bulge precedes miniaturization in androgenetic alopecia Michał Kasprzak (TrichoLAB, Poland)
18:38-18:45 +2 min Q&A	P-041 Comparative effectiveness and safety of oral baricitinib and ritlecitinib in severe alopecia areata: A real-life multicenter retrospective study Stephano Cedirian (Università di Bologna, Italy)
18:47-18:54 +2 min Q&A	P-078 Particulate matter exposure increases androgenetic alopecia risk: Evidence from a nationwide cohort and experimental studies Jung-Won Shin (Seoul National University, Korea)



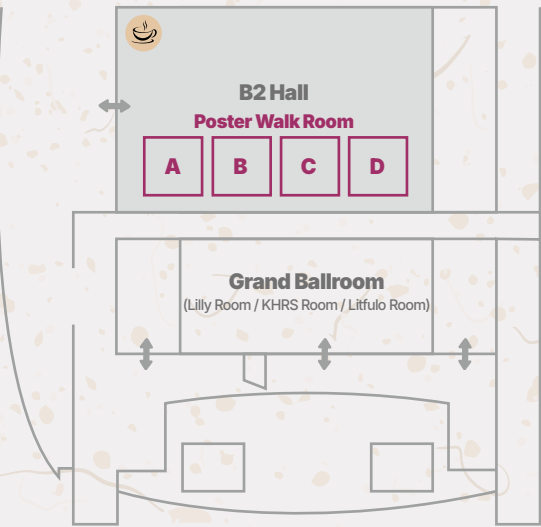
Yoo-Wook Kwon

Poster Walk

15:40 - 16:05

- * Each presentation includes 3 min talk + 2 min Q&A
- * All rooms (A–D) run in parallel during the session.

1F



A

- MODERATOR** Jeewoong Choi (Ajou University, Korea)
- MODERATOR** Yasaman Mansouri (University of California, San Diego, USA)

P-201	Reconstructive hair transplantation in children: A publicly funded cross-specialty pathway integrating tertiary plastic-surgery assessment and private surgical delivery Dmitri Wall (University College Dublin, Ireland)
P-001	Towards early prediction of alopecia areata: Machine learning modeling of “neuro-stress-immune” signatures from multi-datasets Anxin Chen (Capital Medical University, China)
P-005	PAVE the way for comprehensive assessment and classification of alopecia areata: An Australian initiative Samantha Eisman (Sinclair Dermatology, Australia)
P-097	Re-establishing JAK-STAT balance in scarring alopecia Karoline Strobl (Medical University of Vienna, Austria)
P-103	Atopy in central centrifugal cicatricial alopecia: Insights from a large propensity-matched database analysis Rachel Greene (University of California, Irvine, USA)

B

- MODERATOR** Euy Hyun Chung (Soonchunhyang University, Korea)
- MODERATOR** Xiuzu Song (Hangzhou Third People's Hospital, China)

P-146	Retrospective study on hair growth in autosomal recessive woolly hair and hypotrichosis (ARWH) Ryota Hayashi (Niigata University, Japan)
P-083	Integrative genomic and proteomic analyses identify causal genes and potential therapeutic targets for androgenetic alopecia through Mendelian randomization Yiding Liu (Zhejiang Chinese Medicine University, China)
P-205	In silico prediction and implications of endocrine disruptors targeting dermal papilla gene networks in androgenetic alopecia Bingning Jiang (Tsinghua University, China)
P-206	Efficacy and safety of recombinant humanized collagen XVII solutions vs topical minoxidil for androgenetic alopecia: A single-centre randomized controlled clinical trial Zixuan He (Capital Medical University, China)
P-217	Aberrant B cell and cytotoxic T cell activation in female pattern hair loss: A pilot comparative clinico-transcriptomic study Peng Rui (Beijing Tsinghua Changgung Hospital, China)

C

- MODERATOR** Ji Hae Lee (The Catholic University of Korea, Korea)
- MODERATOR** Mingxing Lei (Chongqing University, China)

P-115	Ex vivo human follicle models and transcriptomic profiling reveal mechanisms of IPL-induced hair removal John Snowball (P&G, USA)
P-121	Introducing a “prolonged-kenogen state” (PKS): A hair loss phenotype driven by follicular unit quiescence Gillian Westgate (University of Bradford, UK)
P-124	Gerontobiology of human scalp hair follicles: Key aging protein biomarkers differentially deteriorate with advancing age in defined hair follicle compartments Qingwei Geng (University of Miami, USA)
P-125	Translational ex vivo platform for assessing compounds that prolong hair follicle longevity: Rapamycin inhibits senescence-induced hair follicle aging Ilaria Piccini (QIMA Life Sciences, Germany)
P-127	Heparan sulfate deficiency in keratinocytes recapitulates wound-healing-like inflammatory and proliferative responses Yu Jin Lee (The Catholic University of Korea, Korea)

D

- MODERATOR** Mihn-Sook Jue (Hanyang University, Korea)
- MODERATOR** Luiza Kalil (Yale School of Medicine, USA)

P-133	Physician perception and inter-rater reliability of hair diameter diversity assessment in androgenetic alopecia Jemin Kim (Yonsei University, Korea)
P-240	PRP combined with hair transplantation: Clinical evidence for enhanced hair follicle survival rate Jie Long (Westlake University, China)
P-246	Comparative efficacy and safety of platelet-rich plasma, injectable platelet-rich fibrin, concentrated growth factors and topical minoxidil in female pattern hair loss: A multicenter randomized trial Bai Yue (Capital Medical University, China)
P-247	The efficacy of adipose stem cell-derived exosomes in hair regeneration based on a preclinical and clinical study Byung Cheol Park (Dankook University, Korea)
P-249	Engineered mesenchymal stromal cells-derived extracellular vesicles enhance hair regeneration through Wnt/β-catenin activation Yuanyuan Liu (Northwestern University, USA)

KHRS Room Grand Ballroom - 102/103/104 (1F)		Lilly Room Grand Ballroom - 101 (1F)	
07:30 - 08:20	BS2 Off&Relax From scalp health to hair wellness - The science behind our product development From science to hair care: Hierarchical structure-specific hair repair mechanisms for multi-stress damage	07:30 - 08:20	BS3 AbbVie Korea Redefining the dermatology horizon: Evolving the management of alopecia areata – From disease impact to targeted outcomes
	SY12 Hair metabolism and systemic disease General overview in hair metabolism, and systemic disease Intermittent fasting triggers interorgan communication to suppress hair follicle regeneration Comorbidity-driven insights into alopecia areata Targeting the metabolic switch in androgenetic alopecia: EGLN3 orchestrates hair follicle miniaturization via suppressing glycolysis and triggering mitochondrial ROS		SY13 Hair cycle & microenvironment Interaction of the hair follicle with its macroenvironment Spatiotemporal regulation of skin appendage phenotypes and plasticity Digital twin of the hair follicle Mechanical niche reprogramming by dermal fibroblasts drives hair follicle regeneration
08:30 - 09:40		08:30 - 09:40	
09:40 - 10:00	Coffee Break	09:40 - 10:00	Coffee Break
10:00 - 10:50	KN3 AHRS Honorary Lecture & Whiting Award Ceremony Niche signals that tame hair follicle stem cells		
10:50 - 12:00	SY15 Hair follicle immunobiology Clinical immunology of the human hair follicle: Open questions and therapeutic perspectives Hair follicles under attack: Identity of the target cells in alopecia areata Single-nucleus and bulk RNA sequencing reveals the involvement of natural killer and CD8+ T cells in the progression of androgenetic alopecia Hair follicle stem cells upregulate epithelial-mesenchymal transition and pyroptosis gene transcriptional programs during autoimmunity	10:50 - 12:00	SY16 Regeneration, organoids & iPSC Pros and cons of organoids use for hair research: How to build a better model? Optimizing the preparation of hair follicle mesenchymal cells for therapeutic applications of hair loss diseases Cyclic biomechanical state transitions in dermal fibroblasts orchestrate hair regeneration Hair-peg-like sprouting assay for hair drug screening
12:10 - 13:10	LS4 Lilly The JAK era begins: Mechanism-driven treatment and the first approved JAK inhibitor The long game with Olumiant: Long-term durability, safety, and real-world evidence	12:10 - 13:10	LS5 Unilever Precision scalp care: Scientific classification & customized interventions for scalp health Decoding the interplay between stress mediators and scalp health and hair biology
13:30 - 14:50	PS2 Plenary Session Human hair follicle outer root sheath cells influence differentiation and specialization of sensory neurons in vitro and in vivo Clascoterone topical solution 5% phase 3 study design to investigate efficacy and safety in male patients with androgenetic alopecia A multicenter, randomized, double-blind, adaptive phase II/III clinical trial to evaluate the efficacy and safety of topical KX-826 tincture in adult Chinese male patients with androgenetic alopecia (AGA) (KX0826-CN-1010 phase III stage) Maintenance of hair regrowth following dose reduction or discontinuation of deuruxolitinib in patients with severe alopecia areata: A phase 2 randomized study Endothelin-3 secreted from the dermal papilla regulates human hair fiber pigmentation Immune pathway-based polygenic risk scores as predictors of treatment response in moderate-to-severe alopecia areata		
14:50 - 15:50	Coffee Break & Poster Walk	14:50 - 15:50	Coffee Break & Poster Walk
15:50 - 17:20	SY18 Alopecia areata treatment update JAK inhibitors for alopecia areata: A revolution in treatment Optimizing JAK inhibitor treatment of AA: Combination oral minoxidil, dosing up and JAK inhibitor switching Establishing severity-based KCD codes for alopecia areata in Korea: From clinical classification to reimbursement policy Sodium glucose co-transporter 2 inhibitor improves the symptoms of alopecia areata by controlling the NLRP3 inflammasome Topical application of SAMiRNA targeting interferon-gamma receptor-1 in human scalp skin protects hair follicles from immune privilege collapse and keratinocyte apoptosis Oral minoxidil enhances early response to baricitinib in moderate-to-severe alopecia areata. A retrospective study of 59 patients	15:50 - 17:20	SY19 Innovative therapies using stem cells and injectables Recent topics in innovative therapies using stem cells and injectables Dermal sheath cup cell-based therapy for hair follicle regeneration Therapeutic potential of conditioned medium from ex vivo expanded peripheral blood mononuclear cells for alopecia A clinical and experimental study on the efficacy of complex hyaluronic acid injection for hair regrowth in androgenetic alopecia Poly-D,L-lactic acid as a bio-modulator for hair loss treatment: From macrophage modulation to scalp rejuvenation Construction of a subcutaneous delivery system of rapamycin-loaded lemon-derived extracellular vesicles for the treatment of androgenetic alopecia

Litfulo Room Grand Ballroom - 105 (1F)	
08:30 - 09:40	SY14 Large-scale studies and real-world evidence in alopecia JAK inhibitors for cicatricial alopecia in real clinical practice Global registry of alopecia areata disease severity and treatment safety-international: Recruitment, demographics, and treatment utilisation in a multinational alopecia areata registry Therapeutic endotypes of alopecia areata: Mechanistic insights from JAK inhibitor response and mathematical integration High-dose baricitinib for alopecia areata: Real-world effectiveness and safety Stepwise conservative baricitinib tapering in alopecia areata patients who achieved remission Drug survival of ritlecitinib and baricitinib in patients with alopecia areata: Lessons from China
09:40 - 10:00	Coffee Break
10:50 - 12:00	SY17 Hair surgery for AGA Pros and cons of NS-FUE and long hair FUE methods Recent progress of hair transplantation in China Hair transplantation evolution: From simple tools to robotic precision Evaluation of the donor area based on individual hair growth parameters for optimal planning of surgical hair restoration with FUE
AHP1 Korean Interpretation Provided	
Basic concepts in alopecia management	
Introduction of hair and hair follicle: anatomy and physiology	
13:30 - 14:50	Clinical features of common hair loss disease How to assess hair loss disease Medical treatment of AA, AGA, scarring alopecia From diagnosis to action: Practical procedures for hair loss management
14:50 - 15:50	Coffee Break & Poster Walk
AHP2 Korean Interpretation Provided	
Procedural skills for hair restoration and scalp treatments	
15:50 - 17:20	Navigating legal boundaries: Pre- and post-operative consultation and informed consent in hair transplantation based on case law Understanding commonly prescribed medications in hair transplantation clinics Infection control and prevention protocols in hair transplantation Complications in hair restoration surgery: A comprehensive review of donor and recipient sites

KHRS Society Meeting

Location 2F Conference Room North, 205
Date & Time May 30 (Sat), 2026 | 12:00-13:00

RHRS Society Meeting

Location 2F Conference Room North, 205
Date & Time May 30 (Sat), 2026 | 17:00-19:00

SHSR Society Meeting

Location 2F Conference Room North, 206
Date & Time May 30 (Sat), 2026 | 17:30-18:30



Gala Dinner

Formal social event (Ticket required)

Date & Time
May 30 (Sat), 2026 | 19:00

Venue
Harmony Ballroom,
THE WESTIN SEOUL PARNAS



Ticket Purchase Deadline
May 8 (Fri), 2026
Limited seats; sold out when full.



KHRS Room

Grand Ballroom - 102/103/104 (1F)

B S 2 Off&Relax

07:30-08:20 This session introduces the "Technical White Paper on Asian Scalp & Hair Health", showcasing the core technology of Silky Repair series from the scalp&hair care brand Off&Relax.

CHAIR Jianzhong Yang (Off&Relax Chief R&D Officer, China)

CHAIR Longquan Pi (Yanbian University, China)

Meal Provided

07:30-08:00 From scalp health to hair wellness - The science behind our product development
Jianzhong Yang (Off&Relax Chief R&D Officer, China)

08:00-08:20 From science to hair care: Hierarchical structure-specific hair repair mechanisms for multi-stress damage
Longquan Pi (Yanbian University, China)



Jianzhong Yang



Longquan Pi

SY12 Hair metabolism and systemic disease

08:30-09:40 This session explores the critical intersection between systemic physiology and hair health, focusing on how internal metabolic pathways, nutritional status, and endocrine function collectively influence hair growth and disease expression.

CHAIR Won-Soo Lee (Danyang Health & Medical Center, WS Hair Medicine & Culture Institute, Korea)

CHAIR Wilma Bergfeld (Cleveland Clinic, USA)

CHAIR Mike Philpott (Queen Mary University, UK)

08:30-08:45 General overview in hair metabolism, and systemic disease
+3 min Q&A Wilma Bergfeld (Cleveland Clinic, USA)

08:48-09:03 Intermittent fasting triggers interorgan communication to suppress hair follicle regeneration
+3 min Q&A Bing Zhang (Westlake University, China)

09:06-09:21 Comorbidity-driven insights into alopecia areata
+3 min Q&A Won-Soo Lee (Danyang Health & Medical Center, WS Hair Medicine & Culture Institute, Korea)

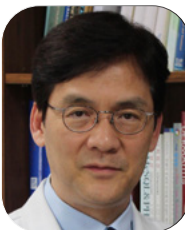
09:24-09:33 P-220 Targeting the metabolic switch in androgenetic alopecia: EGLN3 orchestrates hair follicle miniaturization via suppressing glycolysis and triggering mitochondrial ROS
+2 min Q&A Yuou Sha (Fudan University, China)



Wilma Bergfeld



Bing Zhang



Won-Soo Lee

K N 3 AHRS Honorary Lecture & Whiting Award Ceremony

10:00-10:50 2026 AHRS Lecture: In Honor of George Cotsarelis, MD
The American Hair Research Society (AHRS) Honorary Lecture pays tribute to a member of the American Hair Research Society whose contributions and dedication to hair research, hair biology, and the Society have made a profound impact on advancing the field.

Honoree: George Cotsarelis, MD
Lectureship Recipient: Maksim Plikus, PhD

10:00-10:10 Introduction of honoree: John T. Seykora (AHRS President)
Acceptance speech of honoree: George Cotsarelis (University of Pennsylvania, USA)
Introduction of lecturer: John T. Seykora (AHRS President)

10:10-10:30 Niche signals that tame hair follicle stem cells: Maksim Plikus (University of California, Irvine, USA)

The David A. Whiting, MD Leadership and Research Award
The David A. Whiting, MD Leadership and Research award was created in 2017 by the American Hair Research Society to recognize and honor a clinician and/or researcher who has been a significant contributor to advancing the science and understanding of hair disorders.
2026 Awardee: Angela M. Christiano, PhD

Introduction of award: John T. Seykora (AHRS President)
Presentation of award: Etienne Wang (National Skin Centre, Singapore)
Acceptance of award: Angela M. Christiano (Columbia University, USA)

SY15 Hair follicle immunobiology

10:50-12:00 This session explores the unique immune profile of the hair follicle, discussing the mechanisms of immune privilege, innate defenses, and the inflammatory pathways that govern follicular homeostasis and alterations in disease states.

CHAIR Ralf Paus (University of Miami, USA)

CHAIR Amos Gilhar (Technion-Israel Institute of Technology, Israel)

CHAIR Hyunsun Park (Seoul National University, Korea)

10:50-11:05 +3 min Q&A	Clinical immunology of the human hair follicle: Open questions and therapeutic perspectives Ralf Paus (University of Miami, USA)
11:08-11:23 +3 min Q&A	Hair follicles under attack: Identity of the target cells in alopecia areata Angela M. Christiano (Columbia University, USA)
11:26-11:39 +3 min Q&A	P-208 Unlocking the new mechanisms of androgenetic alopecia: The role of NK and CD8+ T cells Leiwei Jiang (Guizhou Provincial People's Hospital, China)
11:42-11:55 +3 min Q&A	P-185 Hair follicle stem cells upregulate epithelial-mesenchymal transition and pyroptosis gene transcriptional programs during autoimmunity Jarish Cohen (University of California, San Francisco, USA)



Ralf Paus



Angela M. Christiano

L S 4 Lilly

12:10-13:10 Olumiant – Turning Hope into Lasting Regrowth for Alopecia Areata
This session explores how Olumiant delivers durable, holistic hair regrowth with a proven long-term safety profile, redefining the future of alopecia areata management.

CHAIR Gwang Seong Choi (Inha University, Korea)

12:10-12:15	Welcome and introduction to the symposium
12:15-12:30	The JAK era begins: Mechanism-driven treatment and the first approved JAK inhibitor Sergio Vaño-Galván (Hospital Universitario Ramón y Cajal, Spain)
12:30-12:50	The long game with Olumiant: Long-term durability, safety, and real-world evidence Bianca Maria Piraccini (Private Dermatology Practice, Italy)
12:50-13:05	Plenary Discussion and Live Q&A
13:05-13:10	Wrap Up and Close



Sergio Vaño-Galván Bianca Maria Piraccini

Meal Provided

P S 2 Plenary Session

13:30-14:50 This plenary session showcases the most outstanding and academically significant presentations selected from open submissions, fostering in-depth discussions on key advancements in the field.

CHAIR Wenyu Wu (Fudan University, China)

CHAIR Sang Seok Kim (Hallym University, Korea)

CHAIR Matthew Harries (University of Manchester, UK)

13:30-13:40 +3 min Q&A	P-261 Human hair follicle outer root sheath cells influence differentiation and specialization of sensory neurons in vitro and in vivo Anna Rhodes (Imperial College London, UK)
13:43-13:53 +3 min Q&A	P-225 Clascoterone topical solution 5% phase 3 study design to investigate efficacy and safety in male patients with androgenetic alopecia Maria Hordinsky (University of Minnesota, USA)
13:56-14:06 +3 min Q&A	P-231 A multicenter, randomized, double-blind, adaptive phase II/III clinical trial to evaluate the efficacy and safety of topical KX-826 tincture in adult Chinese male patients with androgenetic alopecia (AGA) (KX0826-CN-1010 phase III stage) Cheng Zhou (Peking University, China)
14:09-14:19 +3 min Q&A	P-052 Maintenance of hair regrowth following dose reduction or discontinuation of deuruxolitinib in patients with severe alopecia areata: A phase 2 randomized study Brett King (Yale University, USA)
14:22-14:32 +3 min Q&A	P-193 Endothelin-3 secreted from the dermal papilla regulates human hair fiber pigmentation Min Waye Chew (Imperial College London, UK)
14:35-14:45 +3 min Q&A	P-033 Immune pathway-based polygenic risk scores as predictors of treatment response in moderate-to-severe alopecia areata Young Lee (Chungnam National University, Korea)

SY18 Alopecia areata treatment update

15:50-17:20 This session provides a comprehensive update on the clinical management of alopecia areata, reviewing the latest therapeutic developments and the shifting paradigms in disease assessment and treatment strategies.

CHAIR Jerry Shapiro (New York University, USA)

CHAIR Moon-Bum Kim (Pusan National University, Korea)

CHAIR Brett King (Yale University, USA)

15:50-16:05 +3 min Q&A	JAK inhibitors for alopecia areata: A revolution in treatment Jerry Shapiro (New York University, USA)
16:08-16:23 +3 min Q&A	Optimizing JAK inhibitor treatment of AA: Combination oral minoxidil, dosing up and JAK inhibitor switching Brett King (Yale University, USA)
16:26-16:38 +3 min Q&A	Establishing severity-based KCD codes for alopecia areata in Korea: From clinical classification to reimbursement policy Yong Hyun Jang (Kyungpook National University, Korea)
16:41-16:51 +2 min Q&A	P-008 Sodium glucose co-transporter 2 inhibitor improves the symptoms of alopecia areata by controlling the NLRP3 inflammasome Su-Young Kim (Chung-Ang University, Korea)
16:53-17:03 +2 min Q&A	P-015 Topical application of SAMiRNA targeting interferon-gamma receptor-1 in human scalp skin protects hair follicles from immune privilege collapse and keratinocyte apoptosis Ralf Paus (University of Miami, USA)
17:05-17:15 +2 min Q&A	P-025 Oral minoxidil enhances early response to baricitinib in moderate-to-severe alopecia areata. A retrospective study of 59 patients Juan Jimenez-Cauhe (Hospital Universitario Ramón y Cajal, Spain)



Jerry Shapiro



Brett King



Yong Hyun Jang

Lilly Room

Grand Ballroom - 101 (1F)

B S 3 AbbVie Korea

07:30-08:20 This session, accompanied by an AbbVie-provided breakfast, explores the evolving management of alopecia areata through a patient-centered lens, from understanding disease impact to achieving targeted outcomes. It highlights emerging approaches that are redefining the dermatology horizon and shaping more precise, outcome-driven care for patients with alopecia areata.

CHAIR Chang-Hun Huh (Seoul National University, Korea)

07:30-07:55 Redefining the dermatology horizon: Evolving the management of alopecia areata – From disease impact to targeted outcomes
Leona Yip (Skin Partners, Australia)

07:55-08:20 Redefining the dermatology horizon: Evolving the management of alopecia areata – From disease impact to targeted outcomes
David Saceda-Corrado (Hospital Universitario Ramón y Cajal, Spain)



Leona Yip



David Saceda-Corrado

Meal Provided

SY13 Hair cycle & microenvironment

08:30-09:40 This session explores the dynamic interactions between the hair follicle stem cells, and their microenvironment, including the influence of the nervous system and adjacent tissues on hair cycling and regeneration.

CHAIR Claire Higgins (Imperial College London, UK)

CHAIR Andrey Panteleyev (Kurchatov Institute, Russia)

CHAIR Chao-Chung Yang (National Cheng Kung University, Tainan)

08:30-08:45 Interaction of the hair follicle with its macroenvironment
+3 min Q&A
Claire Higgins (Imperial College London, UK)

08:48-09:03 Spatiotemporal regulation of skin appendage phenotypes and plasticity
+3 min Q&A
Cheng-Ming Chuong (University of Southern California, USA)

09:06-09:21 Digital twin of the hair follicle
+3 min Q&A
Maksim Plikus (University of California, Irvine, USA)

09:24-09:33 P-271 Mechanical niche reprogramming by dermal fibroblasts drives hair follicle regeneration
+2 min Q&A
Yiping Zhao (China Medical University, China)



Claire Higgins



Cheng-Ming Chuong



Maksim Plikus

SY16 Regeneration, organoids & iPSC

10:50-12:00 This session showcases the leading edge of bio-engineering in hair restoration, exploring advancements in organoid technology, iPS cell applications, and innovative regenerative strategies to develop future-oriented therapies.

CHAIR Manabu Ohyama (Kyorin University, Japan)

CHAIR Cheng-Ming Chuong (University of Southern California, USA)

CHAIR Young Kwan Sung (Kyungpook National University, Korea)

10:50-11:05 Pros and cons of organoids use for hair research: How to build a better model?
+3 min Q&A
Andrey Panteleyev (Kurchatov Institute, Russia)

11:08-11:23 Optimizing the preparation of hair follicle mesenchymal cells for therapeutic applications of hair loss diseases
+3 min Q&A
Manabu Ohyama (Kyorin University, Japan)

11:26-11:41 Cyclic biomechanical state transitions in dermal fibroblasts orchestrate hair regeneration
+3 min Q&A
Mingxing Lei (Chongqing University, China)

11:44-11:53 P-273 Hair-peg-like sprouting assay for hair drug screening
+2 min Q&A
Tatsuto Kageyama (Kanagawa Institute of Industrial Science and Technology, Japan)



Andrey Panteleyev



Manabu Ohyama



Mingxing Lei

L S 5 Unilever

Meal Provided 

12:10-13:10 This session, accompanied by a sponsor-provided lunch, offers a casual setting that encourages open interaction between academia and industry.

CHAIR **Lei Han** (Unilever R&D, China)

12:10-12:40 **Precision scalp care: Scientific classification & customized interventions for scalp health**
Longquan Pi (Yanbian University, China)

12:40-13:10 **Decoding the interplay between stress mediators and scalp health and hair biology**
XueLan Gu (Unilever R&D, China)



Longquan Pi



XueLan Gu

SY19 Innovative therapies using stem cells and injectables

15:50-17:20

This session highlights innovative therapies for hair regeneration, focusing on stem cell-based treatments, boosters, and injectable approaches to enhance hair growth and restoration.

CHAIR **Ramon Grimalt** (Universitat Internacional de Catalunya, Spain)

CHAIR **Yasuyuki Amoh** (Kitasato University, Japan)

CHAIR **Jiehyun Jeon** (Korea University, Korea)

15:50-16:05 **Recent topics in innovative therapies using stem cells and injectables**
+3 min Q&A
Byung Cheol Park (Dankook University, Korea)

16:08-16:23 **Dermal sheath cup cell-based therapy for hair follicle regeneration**
+3 min Q&A
Kazutoshi Harada (Tokyo Medical University, Japan)

16:26-16:35 **P-237 Therapeutic potential of conditioned medium from ex vivo expanded peripheral blood mononuclear cells for alopecia**
+3 min Q&A
Kaori Yauchi (Juntendo University, Japan)

16:38-16:47 **P-242 A clinical and experimental study on the efficacy of complex hyaluronic acid injection for hair regrowth in androgenetic alopecia**
+3 min Q&A
Yunte Teng (Wuhan University, China)

16:50-16:59 **P-235 Poly-D,L-lactic acid as a bio-modulator for hair loss treatment: From macrophage modulation to scalp rejuvenation**
+3 min Q&A
Jino Kim (New Hair Plastic Surgery Clinic, Korea)

17:02-17:11 **P-244 Construction of a subcutaneous delivery system of rapamycin-loaded lemon-derived extracellular vesicles for the treatment of androgenetic alopecia**
+3 min Q&A
Wei Wang (Hangzhou Third People's Hospital, China)



Byung Cheol Park



Kazutoshi Harada

DAY 3

Saturday 30, May

Litfulo Room

Grand Ballroom - 105 (1F)

SY14 Large-scale studies and real-world evidence in alopecia

08:30-09:40

This session presents high-level clinical research and registry-based insights into the evolving landscape of alopecia management, emphasizing real-world evidence, emerging cohort data, and observed disease patterns in diverse patient populations.

CHAIR **Andrew Messenger** (University of Sheffield, UK)

CHAIR **Woo-Young Sim** (Morgan Dermatology Clinic, Korea)

CHAIR **Dmitri Wall** (University College Dublin, Ireland)

08:30-08:45 **JAK inhibitors for cicatricial alopecia in real clinical practice**
+3 min Q&A
David Saceda-Corrado (Hospital Universitario Ramón y Cajal, Spain)

08:48-08:56 **P-088 Global registry of alopecia areata disease severity and treatment safety-international: Recruitment, demographics, and treatment utilisation in a multinational alopecia areata registry**
+2 min Q&A
Dmitri Wall (University College Dublin, Ireland)

08:58-09:06 **P-011 Therapeutic endotypes of alopecia areata: Mechanistic insights from JAK inhibitor response and mathematical integration**
+2 min Q&A
Sungrim Seirin-Lee (Kyoto University, Japan)

09:08-09:16 **P-035 High-dose baricitinib for alopecia areata: Real-world effectiveness and safety**
+2 min Q&A
Daniella Kushnir Grinbaum (Sinclair Dermatology, Australia)

09:18-09:26 **P-044 Stepwise conservative baricitinib tapering in alopecia areata patients who achieved remission**
+2 min Q&A
Hye Rin Seo (Yonsei University, Korea)

09:28-09:36 **P-027 Drug survival of ritlecitinib and baricitinib in patients with alopecia areata: Lessons from China**
+2 min Q&A
Jia Jian (Central South University, China)



David Saceda-Corrado

L S 5 Unilever

Meal Provided 

12:10-13:10 This session, accompanied by a sponsor-provided lunch, offers a casual setting that encourages open interaction between academia and industry.

CHAIR **Lei Han** (Unilever R&D, China)

12:10-12:40 **Precision scalp care: Scientific classification & customized interventions for scalp health**
Longquan Pi (Yanbian University, China)

12:40-13:10 **Decoding the interplay between stress mediators and scalp health and hair biology**
XueLan Gu (Unilever R&D, China)



Longquan Pi



XueLan Gu

SY19 Innovative therapies using stem cells and injectables

15:50-17:20

This session highlights innovative therapies for hair regeneration, focusing on stem cell-based treatments, boosters, and injectable approaches to enhance hair growth and restoration.

CHAIR **Ramon Grimalt** (Universitat Internacional de Catalunya, Spain)

CHAIR **Yasuyuki Amoh** (Kitasato University, Japan)

CHAIR **Jiehyun Jeon** (Korea University, Korea)

15:50-16:05 **Recent topics in innovative therapies using stem cells and injectables**
+3 min Q&A
Byung Cheol Park (Dankook University, Korea)

16:08-16:23 **Dermal sheath cup cell-based therapy for hair follicle regeneration**
+3 min Q&A
Kazutoshi Harada (Tokyo Medical University, Japan)

16:26-16:35 **P-237 Therapeutic potential of conditioned medium from ex vivo expanded peripheral blood mononuclear cells for alopecia**
+3 min Q&A
Kaori Yauchi (Juntendo University, Japan)

16:38-16:47 **P-242 A clinical and experimental study on the efficacy of complex hyaluronic acid injection for hair regrowth in androgenetic alopecia**
+3 min Q&A
Yunte Teng (Wuhan University, China)

16:50-16:59 **P-235 Poly-D,L-lactic acid as a bio-modulator for hair loss treatment: From macrophage modulation to scalp rejuvenation**
+3 min Q&A
Jino Kim (New Hair Plastic Surgery Clinic, Korea)

17:02-17:11 **P-244 Construction of a subcutaneous delivery system of rapamycin-loaded lemon-derived extracellular vesicles for the treatment of androgenetic alopecia**
+3 min Q&A
Wei Wang (Hangzhou Third People's Hospital, China)



Byung Cheol Park



Kazutoshi Harada

SY14 Large-scale studies and real-world evidence in alopecia

08:30-09:40

This session presents high-level clinical research and registry-based insights into the evolving landscape of alopecia management, emphasizing real-world evidence, emerging cohort data, and observed disease patterns in diverse patient populations.

CHAIR **Andrew Messenger** (University of Sheffield, UK)

CHAIR **Woo-Young Sim** (Morgan Dermatology Clinic, Korea)

CHAIR **Dmitri Wall** (University College Dublin, Ireland)

08:30-08:45 **JAK inhibitors for cicatricial alopecia in real clinical practice**
+3 min Q&A
David Saceda-Corrado (Hospital Universitario Ramón y Cajal, Spain)

08:48-08:56 **P-088 Global registry of alopecia areata disease severity and treatment safety-international: Recruitment, demographics, and treatment utilisation in a multinational alopecia areata registry**
+2 min Q&A
Dmitri Wall (University College Dublin, Ireland)

08:58-09:06 **P-011 Therapeutic endotypes of alopecia areata: Mechanistic insights from JAK inhibitor response and mathematical integration**
+2 min Q&A
Sungrim Seirin-Lee (Kyoto University, Japan)

09:08-09:16 **P-035 High-dose baricitinib for alopecia areata: Real-world effectiveness and safety**
+2 min Q&A
Daniella Kushnir Grinbaum (Sinclair Dermatology, Australia)

09:18-09:26 **P-044 Stepwise conservative baricitinib tapering in alopecia areata patients who achieved remission**
+2 min Q&A
Hye Rin Seo (Yonsei University, Korea)

09:28-09:36 **P-027 Drug survival of ritlecitinib and baricitinib in patients with alopecia areata: Lessons from China**
+2 min Q&A
Jia Jian (Central South University, China)



David Saceda-Corrado

SY17 Hair surgery for AGA

10:50-12:00 This session focuses on surgical approaches for androgenetic alopecia, covering advanced techniques, patient selection, and optimizing outcomes in hair transplantation and related procedures.

CHAIR Jinwook Jung (Dermohairplant Skin Clinic, Korea)
CHAIR Francisco Jimenez (Hair Transplant Unit, Clinica CDI/Ruber Internacional, Spain)
CHAIR Tatiana Silyuk (Center of Hair Treatment and Transplantation, Russia)

10:50-11:05 **Pros and cons of NS-FUE and long hair FUE methods**
 +3 min Q&A
 Jae Hyun Park (Dana Plastic Surgery Clinic, Korea)

11:08-11:23 **Recent progress of hair transplantation in China**
 +3 min Q&A
 Jinran Lin (Fudan University, China)

11:26-11:41 **Hair transplantation evolution: From simple tools to robotic precision**
 +3 min Q&A
 Rattapon Thuangtong (Siriraj Hospital, Thailand)

11:44-11:53 **P-199 Evaluation of the donor area based on individual hair growth parameters for optimal planning of surgical hair restoration with FUE**
 +2 min Q&A
 Kuzma Khobzei (V.N. Karazin Kharkiv National University, Ukraine)



Jae Hyun Park



Jinran Lin



Rattapon Thuangtong

AHP1 Basic concepts in alopecia management

13:30-14:50 This session is designed to enhance foundational knowledge of hair disorder diagnostics and procedures for allied health professionals. It will cover essential tools such as clinical photography, folliscope use, and basic treatment techniques, aimed at nurses, clinical research coordinators, and laboratory technicians involved in hair disorder care.

CHAIR Sung-Wook Park (Park Sung-Wook Skin Clinic, Korea)
CHAIR Sang Hoon Lee (Soonchunhyang University, Korea)

13:32-13:46 **Introduction of hair and hair follicle: anatomy and physiology**
 +2 min Q&A
 Jeewoong Choi (Ajou University, Korea)

13:48-14:02 **Clinical features of common hair loss disease**
 +2 min Q&A
 Kihyuk Shin (Pusan National University, Korea)

14:04-14:18 **How to assess hair loss disease**
 +2 min Q&A
 Mihn-Sook Jue (Hanyang University, Korea)

14:20-14:33 **Medical treatment of AA, AGA, scarring alopecia**
 +2 min Q&A
 Ji Hae Lee (The Catholic University of Korea, Korea)

14:35-14:48 **From diagnosis to action: Practical procedures for hair loss management**
 +2 min Q&A
 Euy Hyun Chung (Soonchunhyang University, Korea)



Jeewoong Choi



Kihyuk Shin



Mihn-Sook Jue



Ji Hae Lee



Euy Hyun Chung

AHP2 Procedural skills for hair restoration and scalp treatments

15:50-17:20 This session provides practical training in fundamental procedural skills for hair restoration, including hair transplantation techniques, scalp anesthesia, and surgical preparation. It is tailored for allied health professionals supporting surgical and procedural aspects of hair and scalp care.

CHAIR In Joon Lee (NOVA Dermatology Clinic, Korea)
CHAIR Kwang Young Kang (MORAENAE Dermatology Clinic, Korea)

15:53-16:10 **Navigating legal boundaries: Pre- and post-operative consultation and informed consent in hair transplantation based on case law**
 +3 min Q&A
 Hwa Jung Yoo (Modi Hair Plant, Korea)

16:13-16:30 **Understanding commonly prescribed medications in hair transplantation clinics**
 +3 min Q&A
 Jin Mo Park (Yonsei Barun Dermatology Clinic, Korea)

16:33-16:50 **Infection control and prevention protocols in hair transplantation**
 +3 min Q&A
 Dae Woo Kim (Monara Dermatology Clinic, Korea)

16:53-17:10 **Complications in hair restoration surgery: A comprehensive review of donor and recipient sites**
 +3 min Q&A
 Sujin Bahk (Bundang Maxwell Clinic, Korea)



Hwa Jung Yoo



Jin Mo Park



Dae Woo Kim



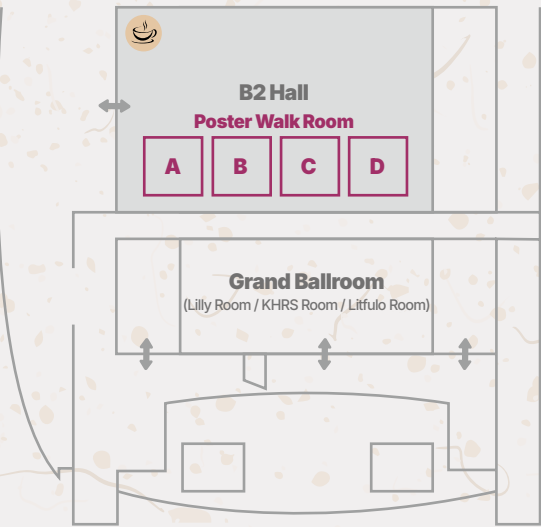
Sujin Bahk

Poster Walk

15:00 - 15:45

- * Each presentation includes 3 min talk + 2 min Q&A
- * All rooms (A–D) run in parallel during the session.

1F



A

MODERATOR Joon Seok (Chung-Ang University, Korea)
MODERATOR Longquan Pi (Yanbian University, China)

- P-031

Baricitinib provides sustained, long-term efficacy with consistent safety for up to 5 years of treatment in adults with severe alopecia areata: BRAVE-AA1 and BRAVE-AA2 results

Brett King (Yale University, USA)
- P-032

Effectiveness of baricitinib for nasal, genital and beard hair regrowth in patients with severe alopecia areata: 12-month outcomes from a prospective observational study

Justin Ko (Stanford University, USA)
- P-043

Long-term efficacy and complete scalp hair regrowth with ritlecitinib by severity of alopecia areata: 3-year results from the ALLEGRO clinical trial program

Rodney Sinclair (Melbourne University, Australia)
- P-045

Complete hair regrowth in patients with alopecia areata (AA) and ≥25% scalp hair loss receiving ritlecitinib up to 3 years in ALLEGRO-LT

Brett King (Yale University, USA)
- P-046

A comparative review of Irish and Australian expert consensus on criteria for initiating and continuing reimbursed Janus kinase inhibitor therapy in alopecia areata patients

Aoife Boyle (University Hospital Galway, Ireland)
- P-067

Single-cell analysis of public skin datasets reveals disease duration–dependent cellular and structural changes

Toshiaki Kogame (Kyoto University, Japan)
- P-252

Disease-associated shifts in the scalp bacteriome: An integrative meta-analysis of alopecia areata, androgenic alopecia, and seborrheic dermatitis

Ho Yeon Choi (Ajou University, Korea)
- P-253

Chronic stress impacts scalp wellbeing by altering sebum and microbiome

Xuelan Gu (Unilever, China)

B

MODERATOR Hyun-Tae Shin (Inha University, Korea)
MODERATOR Misaki Kinoshita-Ise (Kyorin University, Japan)

- P-172

Smart repair from surface to core: Biomimetic strategies for multi-stress hair strengthening

Longquan Pi (Yanbian University, China)
- P-192

Overexpression of adrenergic β2 receptors triggers apoptosis in human scalp hair follicle melanocytes via norepinephrine-induced oxidative stress

Xiuzu Song (Chinese Medical University, China)
- P-013

Replication of previously reported alopecia areata GWAS in a Korean cohort stratified by severity, age at onset, and treatment response

Jung-Min Shin (Chungnam National University, Korea)
- P-202

Hairline repair using follicular unit excision of implanted grafts: A multicenter retrospective descriptive study

Cristina Romera de Blas (Instituto Médico Ricart, Spain)
- P-223

Insulin resistance as a severity marker in androgenetic alopecia: Differential patterns between early and late disease onset

Maria Abril Martinez-Velasco (Hospital Médica Sur, Mexico)
- P-229

Safety and tolerability of combination oral spironolactone and low-dose oral minoxidil for hair loss in adult females: A retrospective cohort study

Arash Mostaghimi (Brigham and Women's Hospital, USA)
- P-232

Efficacy and safety of VDPHL01, a novel investigational extended-release (ER) oral minoxidil tablet, in male patients with pattern hair loss (PHL): Results from a multicenter, randomized, double-blind, placebo-controlled phase 2/3 registration-directed trial

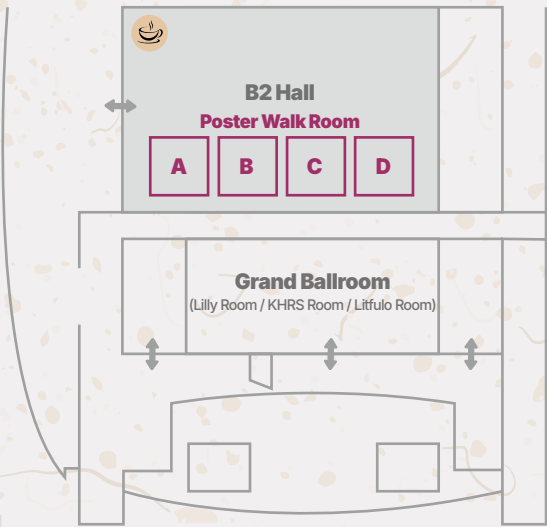
Glynis Ablon (FAAD, USA)

Poster Walk

15:00 - 15:45

- * Each presentation includes 3 min talk + 2 min Q&A
- * All rooms (A–D) run in parallel during the session.

1F



C

MODERATOR Jin Park (Jeonbuk National University, Korea)
MODERATOR Masaki Uchiyama (Tokyo Medical University, Japan)

P-071	Validation of C3H/HeN mice as an alopecia areata animal model Eun Hye Kim (Yonsei University, Korea)
P-141	Topical dutasteride gel delivered through skin patting and iontophoresis in androgenetic alopecia: A pilot study Michela Starace (University of Bologna, Italy)
P-184	Crosstalk between dermal papilla and adipocytes drives hair follicle regeneration through niche mechanical remodelling Xiao Xiang (Chongqing University, China)
P-188	Human scalp hair follicles require olfactory receptor OR10J1 signaling for anagen and epithelial stem/progenitor cell maintenance, while OR10J1 stimulation with dimetol promotes hair growth and increases the stem cell pool Jérémy Chéret (CUTANEON, Germany)
P-256	Distribution of Lawsonella in the scalp microbiome of healthy individuals and patients with folliculitis or inflammatory alopecia So-Yeon Kim (Jeonbuk National University, Korea)
P-264	The naturally occurring sugar 2-deoxy-D-ribose promotes vascular endothelial growth factor A expression in human hair follicles Christopher Lancaster (University of Manchester, UK)
P-269	Organelle-level regulation of hair follicle homeostasis, regeneration, and pathology Fuqiang Chen (The First Hospital of China Medical University, China)
P-274	Can skin smell? Olfactory receptors as novel chemosensory regulators in hair growth and alopecia Rachel Greene (University of California, Irvine, USA)

D

MODERATOR Jung-Won Shin (Seoul National University, Korea)
MODERATOR Ryota Hayashi (Niigata University, Japan)

P-077	GLP-1 and GLP-1/GIP agonists – Increased risk for scarring and non-scarring alopecias: A retrospective cohort study Marc Hill (Cleveland Clinic Foundation, USA)
P-079	Alopecia areata and Parkinson’s disease: A multisite real-world cohort analysis using TriNetX Rachel Greene (University of California, Irvine, USA)
P-089	Microneedle frequency adjunct to 2% minoxidil in female androgenetic alopecia: A randomized controlled trial Yinghui Liu (Southern Medical University, China)
P-107	Predictors of response to oral metformin in patients with central centrifugal cicatricial alopecia Opemipooluwa Adedeji (Johns Hopkins University, USA)
P-149	Targeting the S100A8–NCF2–NOX2 ferroptosis axis to mitigate chemotherapy-induced alopecia Wen Xu (Hangzhou Third People's Hospital, China)
P-282	A systematic literature review of alopecia areata in children and adolescents: Psychosocial impact Angelina Sontag (Lilly, USA)
P-287	Psychosocial and quality-of-life impact of hair prosthesis use in children with severe alopecia areata and their families Tae-Jong Kang (Jeonbuk National University, Korea)
P-289	Quality of life survey in Japanese children with alopecia areata Yasutaka Mizoro (Pfizer, Japan)
P-294	Drugs and alopecia: Insights from ten years of FDA-approved medications (2015–2025) Anna Bolzon (University of Padua, Italy)

KHRS Room Grand Ballroom - 102/103/104 (1F)		Lilly Room Grand Ballroom - 101 (1F)	
07:30 - 08:20	BS4		
	Organon Korea Optimizing male pattern hair loss care: Long-term result, safety and digital tool		
08:30 - 09:40	SY20 Pigmentation, stress and aging Understanding human hair pigmentation: Challenges of translating mouse data New molecular insights into the drivers of female scalp and hair aging Epidemiological insights: the role of hair pigmentation in alopecia areata pathogenesis Frontiers in hair follicle chemosensation biology: Stimulating the bitter taste receptor, TAS2R50, with amarogentin promotes human scalp hair follicle growth and (re-)pigmentation	08:30 - 09:40	SY21 Hair surgery for scalp diseases and challenging cases Hair transplantation in dermatoses: When is it appropriate? Hair transplantation for scarring alopecia Hair transplant in scarring alopecia and challenging female cases Hair transplantation in permanent alopecia from radiotherapy Temporal marginal cicatricial alopecia: Clinicopathological findings and hair transplantation outcomes in a clinical series
09:40 - 10:30	KN4 John Ebling Lecture My life in hair		
10:30 - 10:50	Coffee Break	10:30 - 10:50	Coffee Break
10:50 - 12:00	SY23 Emerging treatment for AGA 5-alpha reductase inhibitors: Facts and myths Emerging topical and systemic therapies for AGA Prolactin receptor blockade with ABS-201 promotes hair follicle growth and stem cell activation in human male scalp skin Efficacy and safety of dutasteride tablet 0.2 mg once daily in male patients with androgenetic alopecia: A randomized, double-blind, placebo-controlled, phase III study	10:50 - 12:00	SY24 Regional perspectives on alopecia treatment in Asia Current status and future prospects of hair research in China Japan-specific guidelines for the treatment of alopecia areata Female hairline correction in Asian patients Epidemiology, diagnosis and management of alopecia areata: Asia-Pacific modified Delphi expert panel recommendations
12:00 - 13:10	SY25 Energy-based devices and photobiomodulation Stimulating hair follicle stem cells with visible light: Direct effect and indirect effect via a neural circuit Recent topics in energy-based devices and photobiomodulation for alopecia Insights into hair biology through laser hair removal response Safety and efficacy of a bioelectrical stimulation wearable for hair growth in men with androgenetic alopecia: A randomised, double-blind, placebo-controlled clinical trial Efficacy and mechanistic insights of 1565 nm fractional non-ablative laser therapy in androgenetic alopecia: A prospective, randomized clinical and histologic study	12:00 - 13:10	SY26 Multifaceted insights into hair disease Mirroring hair and nail: Insights into hair biology The "brain-body-skin" axis in alopecia areata: Integrated findings based on psychiatric scales, metabolomics, and functional magnetic resonance imaging Hypothesis: Human hair follicles operate as a targetable, multifocal "peripheral liver" Immune, neuroendocrine, and central nervous system features of alopecia areata: A single-center cross-sectional study
13:10 - 14:00	Closing Ceremony		

Farewell Refreshment

A relaxed closing gathering open to all WCHR 2026 attendees

Date & Time **May 31 (Sun), 2026 | 14:00**

Location **Grand Ballroom Foyer**



Litfulo Room Grand Ballroom - 105 (1F)	
08:30 - 09:40	SY22 Head & neck inflammatory conditions Challenges in the classification of primary cicatricial alopecia Beyond the plaque: Diagnosing and managing psoriatic alopecia Microbiome and immune dysregulation in head and neck dermatitis in atopic dermatitis Integrative pooled-analysis of the normal scalp microbiome: Bacteriome profiles and variation across public 16S datasets
10:30 - 10:50	Coffee Break
10:50 - 11:55	FC2 Free Communications (Basic/translational) Pathobiology of taxane-induced alopecia: Paclitaxel and docetaxel induce premature human scalp hair follicle aging and epigenetic disruption Long expansions of TCHH variable number tandem repeats (VNTRs) are causative for uncombable hair syndrome ECM viscoelasticity promotes hair follicle regeneration by activating HMMR DAAM2-small GTPase signaling axis regulates hair follicle stem cell regeneration by reprogramming metabolism and immune microenvironment Highly sensitive quantification of thyroid hormones in human hair for non-invasive screening of Graves' disease New evidence for the involvement of axon adhesion/guidance-related molecules in hair follicle cell activities and beyond
11:55 - 13:00	FC2 Free Communications (Clinical) Tattoo-free photo-trichogram with precision hair positioning AI Novel regulatory T-cell enhancing biologic rezpegaldesleukin: Phase 2b efficacy and safety results following 36-weeks of therapy in severe-to-very-severe alopecia areata Distinct clinical impacts of topical latanoprost versus minoxidil on vellus, intermediate, and terminal hair development in male androgenetic alopecia Sphingomonas olei-derived extracellular vesicles promote hair growth through the Wnt/ β -catenin pathway A multicenter, random, controlled clinical trial on the efficacy of scalp compound acid essence in modulating scalp microecology in patients with scalp seborrheic dermatitis Acute psychosocial stress in humans induces rapid transcriptional changes in the hair follicle outer root sheath



14TH
WORLD CONGRESS
for HAIR RESEARCH
Awakening the soul of hair science

KHRS Room

Grand Ballroom - 102/103/104 (1F)

B S 4 Organon Korea

07:30-08:20 This sponsored session focuses on the long-term efficacy and safety of treatments for male pattern hair loss and discusses evidence-based strategies for sustained disease management. In addition, the session highlights the role of digital tools in hair loss treatment, addressing their value in supporting patient engagement, monitoring treatment outcomes, and improving adherence in clinical practice.

CHAIR Woo-Young Sim (Morgan Dermatology Clinic, Korea)

07:30-08:20 Optimizing male pattern hair loss care: Long-term result, safety and digital tool
Jung-Won Shin (Seoul National University, Korea)



Jung-Won Shin

Meal Provided

SY20 Pigmentation, stress and aging

08:30-09:40 This session explores the biology of hair follicle melanocytes and melanocyte stem cells, focusing on pigmentation changes, aging, and intrinsic stress factors that influence their function and maintenance.

- CHAIR Hee Young Kang (Ajou University, Korea)
- CHAIR Andrew Messenger (University of Sheffield, UK)
- CHAIR Wei Aihua (Capital Medical University, China)

08:30-08:45 Understanding human hair pigmentation: Challenges of translating mouse data
+3 min Q&A Desmond Tobin (University College Dublin, Ireland)

08:48-09:03 New molecular insights into the drivers of female scalp and hair aging
+3 min Q&A Julie Thornton (University of Bradford, UK)

09:06-09:21 Epidemiological insights: The role of hair pigmentation in alopecia areata pathogenesis
+3 min Q&A Andrew Messenger (University of Sheffield, UK)

09:24-09:33 P-196 Frontiers in hair follicle chemosensation biology: Stimulating the bitter taste receptor, TAS2R50, with amarogentin promotes human scalp hair follicle growth and (re-)pigmentation
+2 min Q&A Jennifer Gherardini (CUTANEON, Germany)



Desmond Tobin



Julie Thornton



Andrew Messenger

K N 4 John Ebling Lecture

09:40-10:30 John Ebling (1918-1992) was a Professor of Zoology at the University of Sheffield from 1968 to 1983, and subsequently an Emeritus Professor of Dermatology. Dr. Ebling's hair research work was mainly devoted to understanding how hair growth and sebaceous gland activity is regulated, particularly the role of the endocrine system. Every year since 1993, the EHRS has sponsored a lecture in his memory.

- CHAIR Claire Higgins (Imperial College London, UK)
- CHAIR Sergio Vañó-Galván (Hospital Universitario Ramón y Cajal, Spain)

09:40-09:50 Welcome & Introduction

09:50-10:20 My life in hair
Gillian Westgate (University of Bradford, UK)

10:20-10:30 Presentation of Award



Gillian Westgate

Gillian Westgate is a successful hair and skin science professional with an extensive and varied career obtained in industry (Unilever UK), academia and private consultancy. She has served the cosmetics industry as a consultant for over 20 years and also spent several years in research and knowledge transfer within academia (University of Bradford, UK). Gillian is internationally recognized for her scientific contribution in hair and scalp science and is often an invited speaker at conferences and training workshops. She is a founder and immediate past president of the International Federation of Hair Research Societies (IFHRS), past secretary and president of the European Hair Research Society (EHRS) and currently serves as a member of several industry Scientific Advisory Boards. Gillian continues to collaborate on several projects with industry partners, publications and book chapters.

SY23 Emerging treatment for AGA

10:50-12:00 This session highlights emerging treatments for androgenetic alopecia, exploring novel therapeutic approaches, including pharmacologic and nonpharmacologic advancements.

- CHAIR Maria Hordinsky (University of Minnesota, USA)
- CHAIR Jianzhong Zhang (Peking University, China)
- CHAIR Samantha Eisman (Sinclair Dermatology, Australia)

10:50-11:05 5-alpha reductase inhibitors: Facts and myths
+3 min Q&A Ramon Grimalt (Universitat Internacional de Catalunya, Spain)

11:08-11:23 Emerging topical and systemic therapies for AGA
+3 min Q&A Maria Hordinsky (University of Minnesota, USA)

11:26-11:38 P-248 Prolactin receptor blockade with ABS-201 promotes hair follicle growth and stem cell activation in human male scalp skin
+3 min Q&A Ralf Paus (University of Miami, USA)

11:41-11:53 P-219 Efficacy and safety of dutasteride tablet 0.2 mg once daily in male patients with androgenetic alopecia: A randomized, double-blind, placebo-controlled, phase III study
+3 min Q&A Subin Lee (The Catholic University of Korea, Korea)



Ramon Grimalt



Maria Hordinsky

Farewell Refreshment

A relaxed closing gathering open to all WCHR 2026 attendees

Date & Time May 31 (Sun), 2026 | 14:00
Location Grand Ballroom Foyer

SY25 Energy-based devices and photobiomodulation

12:00-13:10 This session explores the clinical application of energy-based devices and the mechanistic foundations of photobiomodulation in promoting hair health, focusing on the role of physical modalities in hair restoration.

- CHAIR Sang Ju Lee (Yonsei Star Skin & Laser Clinic, Korea)
- CHAIR Shigeki Inui (S Inui Clinic/Osaka University, Japan)
- CHAIR Soo Hong Seo (Korea University, Korea)

12:00-12:15 Stimulating hair follicle stem cells with visible light: Direct effect and indirect effect via a neural circuit
+3 min Q&A Sung-Jan Lin (National Taiwan University, Taipei)

12:18-12:33 Recent topics in energy-based devices and photobiomodulation for alopecia
+3 min Q&A Chang-Hun Huh (Seoul National University, Korea)

12:36-12:48 Insights into hair biology through laser hair removal response
+2 min Q&A Wooseok Koh (Dr. Koh JMO Dermatology, Korea)

12:50-12:58 P-139 Safety and efficacy of a bioelectrical stimulation wearable for hair growth in men with androgenetic alopecia: A randomised, double-blind, placebo-controlled clinical trial
+2 min Q&A Carlos A. Chacón-Martínez (Mane Biotech GmbH, Germany)

13:00-13:08 P-142 Efficacy and mechanistic insights of 1565 nm fractional non-ablative laser therapy in androgenetic alopecia: A prospective, randomized clinical and histologic study
+2 min Q&A Neil Sadick (Sadick Dermatology, USA)



Sung-Jan Lin



Chang-Hun Huh



Wooseok Koh

13:10-14:00 Closing Ceremony

13:10-13:13 Opening

13:13-13:15 WCHR 2026 Highlight Video

Awards 1. The Jürgen Schweizer Prize

Awards 2. The Byung In Ro Prize

13:15-13:45 Awards 3. WCHR 2026 IFHRS Travel Grants

Awards 4. The Best Clinical Case Award

Awards 5. Official Recognition for Poster Walk Presenters

13:50-13:55 2028 WCHR Introduction

13:55-14:00 2030 WCHR Bid Process

14:00-14:05 2030 WCHR Winner

14:05-14:10 Reflection on WCHR 2026

14:10 Closing

Lilly Room

Grand Ballroom - 101 (1F)

SY21 Hair surgery for scalp diseases and challenging cases

08:30-09:40

This session covers specialized surgical and non-surgical interventions for complex scalp disorders, emphasizing multidisciplinary approaches and innovative technical solutions.

- CHAIR Sungjoo Tommy Hwang (Myongji Hospital, Korea)
- CHAIR Hang Rae Cho (Ohkims Dermatology Clinic, Korea)
- CHAIR Nilofer Farjo (Farjo Hair Institute, UK)

08:30-08:42 Hair transplantation in dermatoses: When is it appropriate?
+2 min Q&A Nilofer Farjo (Farjo Hair Institute, UK)

08:44-08:56 Hair transplantation for scarring alopecia
+2 min Q&A Sungjoo Tommy Hwang (Myongji Hospital, Korea)

08:58-09:10 Hair transplant in scarring alopecia and challenging female cases
+2 min Q&A Ratchathorn Panchaprateep (Chulalongkorn University, Thailand)

09:12-09:24 Hair transplantation in permanent alopecia from radiotherapy
+2 min Q&A Andrei Doroshkevich (St Petersburg Hair Transplant and Hair Disorders Center, Russia)

09:26-09:34 Temporal marginal cicatricial alopecia: Clinicopathological findings and hair transplantation outcomes in a clinical series
+2 min Q&A Francisco Jimenez (Mediteknia Dermatology and Hair Transplant Clinic, Spain)



Nilofer Farjo



Sungjoo Tommy Hwang



Ratchathorn Panchaprateep



Andrei Doroshkevich



Francisco Jimenez

SY24 Regional perspectives on alopecia treatment in Asia

10:50-12:00

This session explores diverse approaches to alopecia treatment across Asia, comparing regional perspectives, clinical practices, and emerging trends in therapeutic strategies.

- CHAIR Xingqi Zhang (Sun Yat-sen University, China)
- CHAIR Chong Hyun Won (Ulsan University, Korea)
- CHAIR Rie Ueki (Juntendo University, Japan)

10:50-11:05 Current status and future prospects of hair research in China
+3 min Q&A Wenyu Wu (Fudan University, China)

11:08-11:23 Japan-specific guidelines for the treatment of alopecia areata
+3 min Q&A Masaki Uchiyama (Tokyo Medical University, Japan)

11:26-11:41 Female hairline correction in Asian patients
+3 min Q&A Seung Yong Lee (Morgan Dermatology Clinic, Korea)

11:44-11:53 P-057 Epidemiology, diagnosis and management of alopecia areata: Asia-Pacific modified Delphi expert panel recommendations
+2 min Q&A Rodney Sinclair (University of Melbourne, Australia)



Wenyu Wu



Masaki Uchiyama



Seung Yong Lee

SY26 Multifaceted insights into hair disease

12:00-13:10

This session offers an integrated perspective on hair disorders by examining their structural, neurocutaneous, and inflammatory dimensions, providing a holistic understanding of the complex biology underlying hair health and disease.

- CHAIR Curtis T. Thompson (University of Miami, USA)
- CHAIR Ji Li (Central South University, China)
- CHAIR Min-Sung Kim (Chosun University, Korea)

12:00-12:15 Mirroring hair and nail: Insights into hair biology
+3 min Q&A Dongyoun Lee (Sungkyunkwan University, Korea)

12:18-12:33 The "brain-body-skin" axis in alopecia areata: Integrated findings based on psychiatric scales, metabolomics, and functional magnetic resonance imaging
+3 min Q&A Ji Li (Central South University, China)

12:36-12:46 P-267 Hypothesis: Human hair follicles operate as a targetable, multifocal "peripheral liver"
+3 min Q&A Ralf Paus (University of Miami, USA)

12:49-12:59 P-288 Immune, neuroendocrine, and central nervous system features of alopecia areata: A single-center cross-sectional study
+3 min Q&A Shuying Lv (China-Japan Friendship Hospital, China)



Dongyoun Lee



Ji Li

Litfulo Room

Grand Ballroom - 105 (1F)

SY22 Head & neck inflammatory conditions

08:30-09:40 This session reviews systemic inflammatory diseases that frequently manifest on the scalp, such as psoriasis and dermatitis, with a focus on their pathogenesis and the evolution of targeted management approaches.

- CHAIR Yang Won Lee (Konkuk University, Korea)
- CHAIR Yuval Ramot (Hadassah Medical Center, Israel)
- CHAIR Daniel Asz-Sigall (UNAM Hair & Skin Oncology Clinic, Mexico)

- 08:30-08:45 Challenges in the classification of primary cicatricial alopecia
Curtis T. Thompson (University of Miami, USA)
- 08:48-09:03 Beyond the plaque: Diagnosing and managing psoriatic alopecia
Yuval Ramot (Hebrew University of Jerusalem, Israel)
- 09:06-09:21 Microbiome and immune dysregulation in head and neck dermatitis in atopic dermatitis
Chang Ook Park (Yonsei University, Korea)
- 09:24-09:33 P-251 Integrative pooled-analysis of the normal scalp microbiome: Bacteriome profiles and variation across public 16S datasets
Jeewoong Choi (Ajou University, Korea)



Curtis T. Thompson



Yuval Ramot



Chang Ook Park

FC2 Free Communications

This session will feature outstanding free communications highlighting recent advances in hair biology, disease mechanisms, regenerative science, and emerging clinical innovations.

1. Basic and translational researches

- 10:50-11:55 CHAIR Julie Thornton (University of Bradford, UK)
CHAIR Jung Won Shin (Seoul National University, Korea)
CHAIR Lu Q. Le (University of Virginia, USA)
- 10:50-10:59 P-151 Pathobiology of taxane-induced alopecia: Paclitaxel and docetaxel induce premature human scalp hair follicle aging and epigenetic disruption
Jérémy Chéret (CUTANEON, Germany)
- 11:01-11:10 P-145 Long expansions of TCHH variable number tandem repeats (VNTRs) are causative for uncombable hair syndrome
Nicole Cesarato (University of Bonn, Germany)
- 11:12-11:21 P-275 ECM viscoelasticity promotes hair follicle regeneration by activating HMMR
Qiaoli Xie (Chongqing University, China)
- 11:23-11:32 P-181 DAAM2-small GTPase signaling axis regulates hair follicle stem cell regeneration by reprogramming metabolism and immune microenvironment
Liyang Duan (Zhejiang University, China)
- 11:34-11:43 P-113 Highly sensitive quantification of thyroid hormones in human hair for non-invasive screening of Graves' disease
Kazutaka Ikeda (Kazusa DNA Research Institute, Japan)
- 11:45-11:53 P-270 New evidence for the involvement of axon adhesion/guidance-related molecules in hair follicle cell activities and beyond
Colin Jahoda (Durham University, UK)

2. Clinical researches

- 11:55-13:00 CHAIR Yong Hyun Jang (Kyungpook National University, Korea)
CHAIR David Saceda-Corralo (Hospital Universitario Ramón y Cajal, Spain)
- 11:55-12:03 P-304 Tattoo-free photo-trichogram with precision hair positioning AI
Chang-Hun Huh (Seoul National University, Korea)
- 12:05-12:13 P-305 Novel regulatory T-cell enhancing biologic rezpegaldesleukin: Phase 2b efficacy and safety results following 36-weeks of therapy in severe-to-very-severe alopecia areata
Neil Sadick (Sadick Dermatology, USA)
- 12:15-12:23 P-226 Distinct clinical impacts of topical latanoprost versus minoxidil on vellus, intermediate, and terminal hair development in male androgenetic alopecia
Rodney Sinclair (University of Melbourne, Australia)
- 12:25-12:33 P-239 Sphingomonas olei-derived extracellular vesicles promote hair growth through the Wnt/ β -catenin pathway
Won Woo Choi (WELLS Dermatology & Medical Spa, Korea)
- 12:35-12:43 P-295 A multicenter, random, controlled clinical trial on the efficacy of scalp compound acid essence in modulating scalp microecology in patients with scalp seborrheic dermatitis
Zhao Henggaung (Chongqing Medical University, China)
- 12:45-12:53 P-283 Acute psychosocial stress in humans induces rapid transcriptional changes in the hair follicle outer root sheath
Joanna Gosieniecka (Imperial College London, UK)

WCHR 2026 Awards and Honorees
Presented at the 14th World Congress for Hair Research

John Ebling Award

Gillian Westgate University of Bradford, UK

See KN4 John Ebling Lecture (p.65)

AHRS Honorary Award

Honoree: George Cotsarelis	University of Pennsylvania, USA
Lecturer: Maksim Plikus	University of California, Irvine, USA

See KN3 AHRS Honorary Lecture (p.49)

Whiting Award

Angela M. Christiano Columbia University, USA

See KN3 Whiting Award Ceremony (p.49)

Jürgen Schweizer Prize

The Jürgen Schweizer Prize winner will be announced during the congress.

See Closing Ceremony (p.67)

Byung In Ro Prize

The Byung In Ro Prize winner will be announced during the congress.

See Closing Ceremony (p.67)

Best Clinical Case Award

Valentina Villarreal Hernández	Fundación Universitaria de Ciencias de la Salud (FUCS), Colombia
Andra-Luana Calitoiu	C.F Hospital Timisoara, Romania
Isabella Zappi	New York University, USA
Esteban Covian	Psoriahue Interdisciplinary Medicine, Argentina
Suphattra Trakanwittayarak	Mahidol University, Thailand
Linxia Shen	Fudan University, China
Pedro Barbosa	Hospital Universitario Austral, Argentina
Tea Rosovic	Polyclinic GrandMed, Croatia
Derek Maas	New York University Grossman School of Medicine, USA
Tae-Jong Kang	Jeonbuk National University, Korea

See PC1, PC4 (p.22)



IFHRS Travel Grants

Travel grant recipients and monetary awards are determined and conferred by each individual IFHRS member society.

American Hair Research Society

Angela Anaeme	Washington University, USA
Itisha S. Jefferson	Loyola University, USA
Jarish Cohen	University of California, San Francisco, USA
Marc Hill	Cleveland Clinic Foundation, USA
Raymond Z. Ezzat	Lahey Hospital and Medical Center, USA

Chinese Hair Research Society

Jingbi Meng	Yanbian University Hospital, China
Yujing Zhang	Peking University People's Hospital, China
Qin Wang	Huashan Hospital, China
Jinghan Yuan	Capital Medical University, China
Qinsi Liu	Chongqing Medical University, China

Australasian Hair and Wool Research Society

Daniella Kushnir Grinbaum	Sinclair Dermatology, Australia
Emadodin Darchini-Maragheh	University of Melbourne, Australia
Annabel Stevenson	Royal Adelaide Hospital, Australia

European Hair Research Society

Min Wayne Chew	Imperial College London, UK
Karoline Strobl	Medical University of Vienna, Austria
Nicole Cesarato	University of Bonn, Germany
Juan Jimenez-Cauhe	Hospital Universitario Ramón y Cajal, Spain
Sophie van Helmond	Erasmus MC, Netherlands

Korean Hair Research Society

Subin Lee	The Catholic University of Korea, Korea
Su-Young Kim	Chung-Ang University, Korea
Jung-Min Shin	Chungnam National University, Korea
Hye Rin Seo	Yonsei University, Korea
Eun Hye Kim	Yonsei University, Korea
Yu Jin Lee	The Catholic University of Korea, Korea
Ho Yeon Choi	Ajou University, Korea
So-Yeon Kim	Jeonbuk National University, Korea
Tae-Jong Kang	Jeonbuk National University, Korea
Soomin Park	Seoul National University Hospital, Korea

Society for Hair Science and Research

Moyuka Irimada	Tohoku University, Japan
Kaori Yauchi	Juntendo University, Japan
Tatsuro Iwasaki	Kyorin University, Japan
Takahiro Suda	Yamaguchi University, Japan
Yoshihiro Kawai	Shimane University, Japan

Independent Recipients

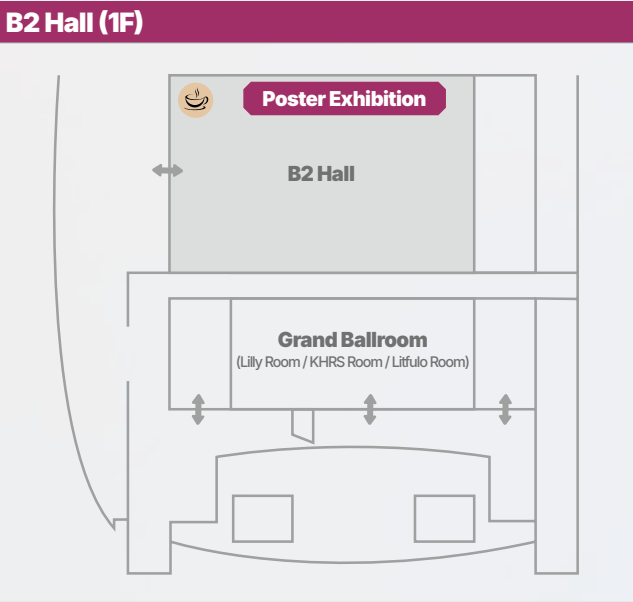
Elisha Shrestha	Dhulikhel Hospital Kathmandu University Hospital, Nepal
Majid Amini Khorasgani	Islamic Workers Society Applied Scientific Training Center, Iran
Grishma kale	LTMMC and Sion Hospital, India

See Closing Ceremony (p.67)

Poster Display Period

Poster Hanging		
Day 1	Thursday, May 28	12:00 – 14:00
Poster Viewing Hours		
Day 1	Thursday, May 28	14:00 – 19:00
Day 2	Friday, May 29	08:00 – 19:00
Day 3	Saturday, May 30	08:00 – 17:00
Poster Dismantle		
Day 3	Saturday, May 30	17:00 – 18:00

Poster Location



Poster Walk

Day 2	Friday, May 29	15:40 – 16:05
Day 3	Saturday, May 30	15:00 – 15:45

Alopecia areata basic research and immunobiology of hair

- P-001**
PW Towards early prediction of alopecia areata: Machine learning modeling of “neuro-stress-immune” signatures from multi-datasets
Anxin Chen, China
- P-002** KRT6A from mesenchymal stem cells exosomes as a potential biomarker and therapeutic target for alopecia areata: Insights from multi-omics analysis and experimental evidence
Shixiong Peng, China
- P-003**
SY9 The contribution of CD8+ T cell autophagy-apoptosis crosstalk to the persistence and relapse of alopecia areata
Xiaoting Zhang, China
- P-004** Minoxidil sulfate suppresses JAK/STAT pathway and restores mitochondrial function in IFN-γ and poly(I:C)-stimulated ORS cells: Implications for alopecia areata
Jung-Min Shin, Korea
- P-005**
PW PAVE the way for comprehensive assessment and classification of alopecia areata: An Australian initiative
Emadodin Darchini-Maragheh, Australia
- P-006** Vascular cells in patients with alopecia areata exhibit features unique to other inflammatory diseases
Junbo Zhang, China
- P-007** Analysing the mechanistic basis of Ritlecitinib's therapeutic effects in lesional alopecia areata scalp skin ex vivo
Alexandra Lejeune, France
- P-008**
SY18 Sodium glucose co-transporter 2 inhibitor improves the symptoms of alopecia areata by controlling the NLRP3 inflammasome
Su-Young Kim, Korea
- P-009** Single-cell profiling reveals disrupted glutathione metabolism in alopecia areata stem cell niches
Rebecca Mahon, UK
- P-010** Single-cell multi-omics reveal the cellular and molecular mechanism by which dysfunctional T cell drive the occurrence and development of alopecia areata
Lingdi Dong, China
- P-011**
SY14 Therapeutic endotypes of alopecia areata: Mechanistic insights from JAK inhibitor response and mathematical integration
Sungrim Seirin-Lee, Japan
- P-012** ADGRA2 methylation in alopecia areata: A novel epigenetic node controlling T-cell viability and function
Sabi Lee, Korea
- P-013**
PW Replication of previously reported alopecia areata GWAS in a Korean cohort stratified by severity, age at onset, and treatment response
Jung-Min Shin, Korea
- P-014** Diet-associated gut microbiome alterations are linked to interferon-γ-driven alopecia severity in mice
Hyun-Taek Hong, Korea
- P-015**
SY18 Topical application of SAMiRNA targeting interferon-gamma receptor-1 in human scalp skin protects hair follicles from immune privilege collapse and keratinocyte apoptosis
Chéret J, Germany

- P-016** Preliminary immunofluorescence analysis of tissue-resident memory cell markers in recent-onset and established alopecia areata
Madoc Dawson, UK
- P-017** Causal immune-cell programs underlying alopecia areata and follicular niche collapse through Mendelian randomization and single-cell scalp multi-omics integration
Rifaldy Fajar, Indonesia
- P-018**
FC1 Decoding the shared genetic and immune mechanisms linking alopecia areata and autoimmune thyroid disease
Hadis Abdolazadeh, Germany
- P-019** SLC40A1 deficiency in hair follicles: A mechanism underlying hair loss and alopecia areata
Yuxin Ding, China
- P-020** The investigation of immunological mechanism in the treatment of alopecia areata with 308-nm excimer laser
Eojin Kim, Korea
- P-021** Clinical efficacy of Dupilumab in refractory alopecia areata with Th2 signature
Munire Tayier, China

Alopecia areata clinical-JAK inhibitor

- P-022** Effectiveness, safety, and predictors of response to Tofacitinib therapy in children with alopecia areata: A 52-week real-world study
Galina Tereshchenko, Russia
- P-023** Systemic treatment of moderate to severe alopecia areata in adults: Updated Australian expert consensus statement
Daniella Kushnir-Grinbaum, Australia
- P-024** Real-world experience with Baricitinib uptitration in severe alopecia areata refractory to 4 mg/day
Angela Hermosa-Gelbard, Spain
- P-025**
SY18 Oral minoxidil enhances early response to baricitinib in moderate-to-severe alopecia areata. A retrospective study of 59 patients
Juan Jimenez-Cauhe, Spain
- P-026** Most Baricitinib responders achieved full scalp hair regrowth: Findings from adult and paediatric BRAVE-AA trials
Brett King, USA
- P-027**
SY14 Drug survival of ritlecitinib and baricitinib in patients with alopecia areata: Lessons from China
Jia Jian, China
- P-028** Dynamics of lipid profile in patients with alopecia areata treated with Ritlecitinib: A descriptive, retrospective, real-world study
Jia Jian, China
- P-029** Association of JAK inhibitors with treatment response in alopecia areata in patients with and without atopic comorbidities: A retrospective cohort study
Ruxin Ji, China
- P-030** Comparative efficacy of JAK inhibitors in acute vs. non-acute alopecia areata: A retrospective cohort study
Ruxin Ji, China
- P-031**
PW Baricitinib provides sustained, long-term efficacy with consistent safety for up to 5 years of treatment in adults with severe alopecia areata: BRAVE-AA1 and BRAVE-AA2 results
Ruth Ann Vleugels, USA

- P-032**
PW Effectiveness of baricitinib for nasal, genital and beard hair regrowth in patients with severe alopecia areata: 12-month outcomes from a prospective observational study
Justin Ko, USA
- P-033**
PS2 Immune pathway-based polygenic risk scores as predictors of treatment response in moderate-to-severe alopecia areata
Yeounkuk Sung, Korea
- P-034** Efficacy of Janus kinase inhibition in rapidly progressive acute alopecia areata: A prospective open-label study
Po-Hua Chen, Taipei
- P-035**
SY14 High-dose baricitinib for alopecia areata: Real-world effectiveness and safety
Daniella Kushnir-Grinbaum, Australia
- P-036** Efficacy and safety of Emaxitinib in the treatment of moderate-to-severe alopecia areata in adults
Liyang Duan, China
- P-037** Impact of severity and disease course on Baricitinib treatment response in adolescent with severe AA: Updated data from the BRAVE-AA-PEDS trial
Ohsang Kwon, Korea
- P-038** The changing serum biomarkers in moderate-to-severe alopecia areata correlates with positive responsive to Ritlecitinib
Lin Shang, China
- P-039** Evaluating the efficacy and safety of low-dose oral Minoxidil combined with a JAK inhibitor versus JAK inhibitor versus low-dose oral Minoxidil therapy in alopecia areata: A retrospective cohort study
Daniela Mendez, USA
- P-040** Effectiveness and safety of Upadacitinib in Korean patients with severe alopecia areata refractory to Baricitinib: A retrospective study
Da-Hyun Kang, Korea
- P-041**
FC1 Comparative effectiveness and safety of oral baricitinib and ritlecitinib in severe alopecia areata: A real-life multicenter retrospective study
Stephano Cedirian, Italy
- P-042** The efficacy and safety of Ivarmacitinib in the treatment of 12 cases of adolescent and adult patients with moderate to severe alopecia areata
Ting Yang, China
- P-043**
PW Long-term efficacy and complete scalp hair regrowth with ritlecitinib by severity of alopecia areata: 3-year results from the ALLEGRO clinical trial program
Brett King, USA
- P-044**
SY14 Stepwise conservative baricitinib tapering in alopecia areata patients who achieved remission
Hye Rin Seo, Korea
- P-045**
PW Complete hair regrowth in patients with alopecia areata (AA) and ≥25% scalp hair loss receiving ritlecitinib up to 3 years in ALLEGRO-LT
Brett King, USA
- P-046**
PW A comparative review of Irish and Australian expert consensus on criteria for initiating and continuing reimbursed janus kinase inhibitor therapy in alopecia areata patients
Aoife Boyle, Ireland
- P-047** Treatment of severe alopecia areata in pediatric and adolescent patients with oral JAK inhibitors: A review of 11 cases
Sang Seok Kim, Korea

- P-048** The effect of adipose stem cell-derived exosome on the alopecia areata and JAK/STAT pathway
Byung Cheol Park, Korea
- P-049** Efficacy of low-dose oral Minoxidil with Janus kinase inhibitors in alopecia areata: A controlled study
Archie Spindler, USA
- P-050** Real-world evidence supporting the superior effectiveness of Baricitinib vs. contact immunotherapy in alopecia areata
Taisuke Ito, Japan
- P-051** Efficacy of Deuruxolitinib in patients with severe alopecia areata by baseline alopecia areata episode duration: Pooled analysis of the THRIVE-AA1 and THRIVE-AA2 phase 3 trials
Brett King, USA
- P-052** Maintenance of hair regrowth following dose reduction or discontinuation of deuruxolitinib in patients with severe alopecia areata: A phase 2 randomized study
Brett King, USA
- P-053** Baricitinib for childhood/adolescent severe alopecia areata
Moon-Bum Kim, Korea
- P-054** Relapse of alopecia areata during ongoing JAK inhibitor therapy: A multicentre Italian real-world study
Junhyuk Song, Italy
- P-055** Long-term real-world efficacy and safety of Baricitinib in alopecia areata, totalis, and universalis: A retrospective single-center cohort of 330 patients with trichoscopy monitoring
Xin Ran, China

Alopecia areata clinical-others

- P-056** Content analysis and quality assessment of alopecia areata-related videos on social media: A cross-sectional study of Douyin, Rednote, and Bilibili
Bingning Jiang, China
- P-057** Epidemiology, diagnosis and management of alopecia areata: Asia-Pacific modified Delphi expert panel recommendations
Rodney Sinclair, Australia
- P-058** Clinical features, risk factors, and outcomes of the ophiasis subtype in alopecia areata: A retrospective study
Dong Yi, China
- P-059** Status and trend of serum levels of total IgE and dust mite-sIgE in patients with alopecia areata
Xingqi Zhang, China
- P-060** Clinical presentation of alopecia areata-associated white hair growth and its occurring independent of follicular cycling reflecting autoimmune and atopic pathways
Xingqi Zhang, China
- P-061** Single-cell RNA sequencing reveals heterogeneity and functional characteristics of T cell subsets in the pathogenesis of alopecia areata
Xinyu Yang, China
- P-062** Single-nucleus sequencing reveals integrated metabolic-immune mechanisms in hair regrowth after immunosuppressive treatment in alopecia areata
Da-Hyun Kang, Korea

- P-063** Effectiveness of 308-nm excimer laser therapy in pediatric alopecia areata: A retrospective study
Soo Hoon Lee, Korea
- P-064** Novel classification of ophiasis based on involvement pattern and its association with treatment response: A multicenter retrospective study in Korea
Kyung-Ju Lee, Korea
- P-065** Long-term recurrence patterns and prognostic factors of alopecia areata after successful diphenylcyclopropenone immunotherapy: A single-institution retrospective analysis
Jaewon Lee, Korea
- P-066** Targeting the gut-skin axis in refractory alopecia areata: Results from an exploratory trial of fecal microbiota transplantation
Oscar Muñoz Moreno-Arrones, Spain
- P-067** Single-cell analysis of public skin datasets reveals disease duration-dependent cellular and structural changes
Toshiaki Kogame, Japan
- P-068** Evaluating Dupilumab utility in alopecia areata: Influence of IgE levels and atopy
Archie Spindler, USA
- P-069** Routine yet rarely revealing: Questioning the utility of ANA testing in nonscarring alopecia patients
Isabella Zappi, USA

Animal models

- P-070** Mechanistic study of hair cycle acceleration induced by 1565-nm non-ablative fractional laser in C57BL/6 mice
Yiding Liu, China
- P-071** Validation of C3H/HeN mice as an alopecia areata animal model
Eun Hye Kim, Korea
- P-072** A novel mouse model of induced gray hair for testing hair repigmentation strategies
Yoshihiro Kawai, Japan
- P-073** Quantitative morphological evaluation of LIPH-deficient mice for objective hair phenotype analysis
Mi Eun Choi, Korea
- P-074** Tanshinone capsule enhances hair follicle regeneration in a mouse model of androgenetic alopecia via IGF1 and Wnt/ β -catenin pathway
Hiochon Leong, China
- P-075** Post-infection telogen effluvium under protein-energy undernutrition is driven by IL-6-hepcidin iron restriction and anagen suppression in juvenile mice using controlled influenza challenge
Farah Miftakhul Ilfa, Indonesia

Big data, epidemiology, and cohorts

- P-076** Roles of gut microbiota in androgenetic alopecia: Insights from Mendelian randomization analysis
Haijing Fu, China
- P-077** GLP-1 and GLP-1/GIP agonists - Increased risk for scarring and non-scarring alopecias: A retrospective cohort study
Marc Hill, USA
- P-078** Particulate matter exposure increases androgenetic alopecia risk: Evidence from a nationwide cohort and experimental studies
Jung-Won Shin, Korea

- P-079** Alopecia areata and Parkinson's disease: A multisite real-world cohort analysis using TriNetX
Rachel Greene, USA
- P-080** Association between weight loss strategies and hair loss: A comparative analysis
Wang Qinqin, China
- P-081** Pediatric alopecia areata following vaccination: Analysis of reports from the Vaccine Adverse Event Reporting System
Song Youn Park, USA
- P-082** Development and validation of a multimodal artificial intelligence-based model for predicting androgenetic alopecia severity and identifying associated risk factors
Mai Shi, China
- P-083** Integrative genomic and proteomic analyses identify causal genes and potential therapeutic targets for androgenetic alopecia through Mendelian randomization
Yiding Liu, China
- P-084** Hair care personalisation: Lipidomics analysis of hair fibres in 192 females across three ethnicities and hair types 1-4
David Messenger, UK
- P-085** Impact of GLP-1 and GLP-1/GIP agonists on health care utilization in individuals with scarring alopecias: A retrospective cohort analysis
Marc Hill, USA
- P-086** A retrospective cohort study of characteristics, treatments, and outcomes of Australian patients with alopecia areata initiating conventional systemic immunosuppressant therapy using global registry data
Wendy Song, Australia
- P-087** The risk of infections in patients with alopecia areata: A nationwide population-based cohort
Hee Joo Yang, Korea
- P-088** Global registry of alopecia areata disease severity and treatment safety-international: Recruitment, demographics, and treatment utilisation in a multinational alopecia areata registry
Dmitri Wall, Ireland
- P-089** Microneedle frequency adjunct to 2% minoxidil in female androgenetic alopecia: A randomized controlled trial
Yinghui Liu, China
- P-090** Development of a multimodal machine learning-based system for precision grading, risk stratification, and prognostic prediction in androgenetic alopecia
Mai Shi, China
- P-091** Systemic therapy utilisation in paediatric and adolescent alopecia areata: Insights from the GRASS International Registry
Dmitri Wall, Ireland
- P-092** Observational case-control study for female pattern hair loss under 30 in Korea: Comparison of trichoscopic features and hormonal profiles
Hee Weon Yun, Korea
- P-093** No signal of cardiovascular harm with oral 5-alpha-reductase inhibitors: A retrospective cohort TriNetX database study
Archie Spindler, USA
- P-094** *Withdrawn*

Cicatricial alopecia

- P-095** Systemic treatments for lichen planopilaris and frontal fibrosing alopecia: A retrospective study of 315 patients
Mathias Willaert, Netherlands
- P-096** Patient-reported real-world experiences with scarring alopecia: Insights from the CAPAIR (Cicatricial Alopecia Patient Assessment and Impact Report) survey
Song Park, USA
- P-097** Re-establishing JAK-STAT balance in scarring alopecia
Karoline Strobl, Austria
- P-098** The therapeutic role of metformin in frontal fibrosing alopecia
Amelle Ra, UK
- P-099** Quantitative longitudinal hairline tracking in frontal fibrosing alopecia using standardized facial landmarks
Raymond Z. Ezzat, USA
- P-100** Targeted intralesional JAK inhibition for frontal fibrosing alopecia: Four-year outcomes in a 210-patient cohort
Valentina Villarreal Hernández, Colombia
- P-101** Hormonal and genetic profile of young women with frontal fibrosing alopecia: An observational study in a Spanish cohort of 100 patients
Ruth Cova-Martin, Spain
- P-102** Topical Ruxolitinib 1.5% in frontal fibrosing alopecia and lichen planopilaris: Case series with clinical and trichoscopic outcomes
Jon Ignacio Uriarte Terán, Spain
- P-103** Atopy in central centrifugal cicatricial alopecia: Insights from a large propensity-matched database analysis
Rachel Greene, USA
- P-104** Distinct scalp and hair follicles microbiome signatures and biofilm formation in neutrophilic primary cicatricial alopecia
Jin Park, Korea
- P-105** Electroporation-based technology with Dutasteride in the treatment of frontal fibrosing alopecia
Andreia Munck, Brazil
- P-106** Spatial transcriptomic analysis reveals compartment-specific immune and epithelial gene signatures in alopecia and cicatricial alopecia
So Hee Park, Korea
- P-107** Predictors of response to oral metformin in patients with central centrifugal cicatricial alopecia
Opemipooluwa Adedeji, USA
- P-108** Transcriptomic evidence for enhanced neutrophil recruitment and activation in folliculitis decalvans
Zixuan Zhang, China
- P-109** Immune mechanisms and the role of SERPINB7 in frontal fibrosing alopecia
Lingjie Zhou, China
- P-110** More noise than signal? Rethinking ANA testing in scarring alopecia patients
Isabella Zappi, USA

Cutting-edge technology for hair research

P-111 Recombinant human thrombomodulins accelerates hair growth
Chien Chen Lin, Taipei

P-112 SY1 A multi-omic single-cell analysis of perinatal mouse skin maps lineage specification and uncovers shared dynamics in human fetal skin
Hanjae Lee, Korea

P-113 FC2 Highly sensitive quantification of thyroid hormones in human hair for non-invasive screening of Graves' disease
Kazutaka Ikeda, Japan

P-114 Hispidulin ameliorates androgenetic alopecia by inhibiting dermal papilla cell ferroptosis via TRPML1 channel activation
Xiaofan Jin, China

P-115 PW Ex vivo human follicle models and transcriptomic profiling reveal mechanisms of IPL-induced hair removal
Yuwen Chen, UK

P-116 mPEG-PLGA nanoparticle-mediated sustained-release Minoxidil for the treatment of androgenetic alopecia
Jun Xie, China

P-117 SY7 Spatial and single-cell transcriptomics of human hair follicles reveals novel cell clusters and crosstalk across hair cycle and body sites
John Snowball, USA

P-118 *Withdrawn*

P-119 *Withdrawn*

P-120 FC1 Spatial transcriptomics of young and aged female scalp presents novel insights into cell-specific changes impacting hair follicle aging
Richard Baker, UK

P-121 PW Introducing a "prolonged-kenogen state" (PKS): A hair loss phenotype driven by follicular unit quiescence
Peter R Feldman, Canada

P-122 Fibrosing alopecia drug repurposing maps immune-fibrotic network compartments and prioritizes candidates using Open Targets Genetics and Bayesian meta-analysis of trials
Anekawati, Indonesia

P-123 Structure-guided design of a PGC-1 α -motif derived peptide: Targeted modulation of ERR α signaling for enhancing hair growth
Seunghye Lee, Korea

P-124 PW Gerontobiology of human scalp hair follicles: Key aging protein biomarkers differentially deteriorate with advancing age in defined hair follicle compartments
Qingwei Geng, USA

P-125 PW Translational ex vivo platform for assessing compounds that prolong hair follicle longevity: Rapamycin inhibits senescence-induced hair follicle aging
David Broadley, Germany

P-126 Hair biomarkers for solid tumor detection: Scoping review of the current evidence
Lilly Jimoh, USA

P-127 PW Heparan sulfate deficiency in keratinocytes recapitulates wound-healing-like inflammatory and proliferative responses
Yu Jin Lee, Korea

Dermoscopy, image-based diagnostics, and AI

P-128 Clinical-laboratory-ultrasound correlation in folliculitis decalvans: Descriptive-analytical cross-sectional study of 37 patients
Francisco José Rodríguez-Cuadrado, Spain

P-129 Trichoscopic features of androgenetic alopecia according to the basic and specific (BASP) classification: A retrospective observational study in Korean patients
Jeewoo Choi, Korea

P-130 SY10 Analysis of scalp manifestations in androgenetic alopecia and alopecia areata using high-frequency ultrasound
QIU Yiyang, China

P-131 SY10 Validation of a trichoscopic atlas for early-stage androgenetic alopecia in Chinese men: A complement to the Hamilton-Norwood classification
Chunya Ni, China

P-132 Dermoscopic features of tinea capitis in Korean patients: Correlation with clinical subtypes and causative fungi
Thi Quynh Trang Tran, Vietnam

P-133 PW Physician perception and inter-rater reliability of hair diameter diversity assessment in androgenetic alopecia
Jemin Kim, Korea

P-134 Severity assessment of alopecia areata based on SALT(Severity of Alopecia Tool) calculation using multi-view clinical photographs
Young Her, Korea

P-135 Can reactivating kenogen follicular units "reset" scalp coverage kinetics in AGA? Evidence with ALRV5XR
Peter Feldman, UK

P-136 Addressing a measurement gap: Validation of a photographic hair shedding scale for Afro-textured hair
Kaelynn Workman, USA

P-137 Intelligent tricho-therapeutics: Development and validation of a machine learning-based clinical decision tool for personalized hair treatment
Manvendra Singh, India

P-138 Structure evolution in hair fibres during strain and the effect of relative humidity
Paul D.A. Pudney, UK

Energy-based devices and instrumental devices

P-139 SY25 Safety and efficacy of a bioelectrical stimulation wearable for hair growth in men with androgenetic alopecia: A randomised, double-blind, placebo-controlled clinical trial
Chacón-Martínez C.A., Germany

P-140 Electromagnetic transduction therapy promotes regenerative signaling in human dermal papilla cells: Implications for hair follicle restoration
Sung Bin Cho, Korea

P-141 PW Topical dutasteride gel delivered through skin patting and iontophoresis in androgenetic alopecia: A pilot study
Michela Starace, Italy

P-142 SY25 Efficacy and mechanistic insights of 1565 nm fractional non-ablative laser therapy in androgenetic alopecia: A prospective, randomized clinical and histologic study
Suleima Arruda, USA

P-143 Radiofrequency treatment for scalp rejuvenation in facial anti-aging
Wanyu Xie, China

Genetics and pediatric trichology

P-144 SY5 Shared founder effect of the LIPH variant underlies the high prevalence of autosomal recessive woolly hair/hypotrichosis in Korea and Japan
Hyun-Tae Shin, Korea

P-145 FC2 Long expansions of TCHH variable number tandem repeats (VNTRs) are causative for uncombable hair syndrome
Nicole Cesarato, Germany

P-146 PW Retrospective study on hair growth in autosomal recessive woolly hair and hypotrichosis (ARWH)
Ryota Hayashi, Japan

P-147 SY10 Characterization of women's and infants hair in pregnancy, postpartum and neonatal period – A longitudinal cohort study
Kathrin Hillmann, Germany

P-148 SY10 Scanning electron microscopic analysis of ultrastructural characteristics of hair shafts in congenital hypotrichosis with different genotypes
Jin-Yuan Ma, China

Hair conditions in oncologic diseases

P-149 PW Targeting the S100A8-NCF2-NOX2 ferroptosis axis to mitigate chemotherapy-induced alopecia
Wen Xu, China

P-150 PS1 Establishing consensus on persistent chemotherapy-induced alopecia: Insights from a Delphi study of hair and supportive oncodermatology experts
Azael Freites-Martinez, Spain

P-151 FC2 Pathobiology of taxane-induced alopecia: Paclitaxel and docetaxel induce premature human scalp hair follicle aging and epigenetic disruption
Kinga Linowiecka, Poland

Hair cosmeceuticals and scalp care

P-152 An evidence-based evaluation of commercial hair growth supplements: Ingredient efficacy, clinical validity, and marketing transparency
Dorian White, USA

P-153 Proteomic predictors of Baricitinib response in severe alopecia areata: CCL11 flags a refractory phenotype
Qin Wang, China

P-154 Enhanced follicular delivery and anti-hair loss efficacy via PTD-PP liposomal system
Heesang Han, Korea

P-155 SY3 Vitamin A derivatives as nonsteroidal modulators of estrogen receptor- α signaling improve female pattern hair loss
Jaeyoon Kim, Korea

P-156 Exploiting senolysis to promote hair growth: Linum alpinum-mediated clearance of senescent cells
Remo Campiche, Switzerland

P-157 OR8D1 inhibition by Iris rhizome extract offers a new adjuvant strategy in male pattern androgenetic alopecia
Camille Mas, France

P-158 Helichrysum italicum essential oil facilitates hair growth through IGF-1 signaling in healthy human hair follicles ex vivo
Géraldine Lemaire, France

P-159 SY8 Clinical evaluation of a double-cultured microbiome for restoring scalp balance
Haeun Lee, Korea

P-160 Multiple mechanisms of wuwei-ganlu formula in alleviating androgenetic alopecia
Lei Wang, China

P-161 An anti-hair loss serum with enhanced penetration technology demonstrates significant efficacy in reducing hair shedding and increasing hair density: Results from a 12-week efficacy study
Teo Mayayo, Spain

P-162 Selenium sulfide shampoos improve dandruff: Randomized, double-blind, placebo-controlled trial with exploratory scalp microbiome findings
Masanori Yoshimura, Japan

P-163 The potential role of fibroblast-derived multi-peptide factors in activation of growth factors and β -catenin in hair follicle cells
Sung Bin Cho, Korea

P-164 A six-month, prospective clinical study to evaluate the efficacy of hair growth nutraceuticals in increasing hair growth rate
Isabelle Raymond, USA

P-165 Permanent repair of damaged hair through restoration of inter-keratin covalent bonds
Xianting LIN, Japan

P-166 *Withdrawn*

P-167 Caffeine and rosemary extract-based shampoo improves follicular delivery of topical Minoxidil: A preclinical study
Andreia Munck, Brazil

P-168 Prevention of heat-induced hair fiber degradation using amino silane and carbodiimide-mediated crosslinking
Hyun-Sub Park, Korea

P-169 SY8 Effectiveness of molecular weight controlled chitosan on androgenetic alopecia
Byung Cheol Park, Korea

P-170 A novel plant-based complex of hydrolyzed wheat protein with transglutaminase for hair luster and cuticle restoration
Valeriia Buzova, Switzerland

P-171 Changes in scalp condition after using a moisturizer containing celastrol and Cichorium intybus root extract: A prospective clinical trial using artificial intelligence
Minsu Kim M.D, Korea

P-172 PW Smart repair from surface to core: Biomimetic strategies for multi-stress hair strengthening
Longquan Pi, China

Hair follicle stem cell & niche

P-173 SY7 Multimodal spatiotemporal atlas of human hair follicle in aging and androgenetic alopecia
Xu Yanwen, China

- P-174** miR-574-3p and miR-125a-5p in adipose-derived mesenchymal stem cell exosomes synergistically target TGF- β 1/Smad2 signaling pathway for the treatment of androgenic alopecia
Xuegang Xu, China
- P-175** Hair follicle-associated pluripotent (HAP) stem cell-exosomes accelerate cutaneous wound closure in a mouse model
Azusa Sasaki, Japan
- P-176** Transplanted hair follicle-associated pluripotent (HAP) stem cells leak out after attaching to host hair follicles
Koya Obara, Japan
- P-177** Epithelial stem cells in the upper hair follicle contribute to epidermal homeostasis
PS1 Elnaz Ghotbi, USA
- P-178** The progression and fate determination of the hair follicle are mediated by the circadian clock
Tzu-Yin Chen, Yunlin
- P-179** *Withdrawn*
- P-180** Innovative technique of hair follicle micro-particle skin grafting for chronic wounds: Dual synergistic mechanisms of re-epithelialization and vascularization
Jie Long, China
- P-181** DAAM2-small GTPase signaling axis regulates hair follicle stem cell regeneration by reprogramming metabolism and immune microenvironment
FC2 Liyang Duan, China
- P-182** Dermatitis-induced adipocyte lipolysis activates hair follicle stem cells via fatty acid metabolic communication
PS1 Sung-Jan Lin, Taipei
- P-183** Effect of human placental hydrolysate on hair growth through follicular stem cell activation
Daewon Yoon, Korea
- P-184** Crosstalk between dermal papilla and adipocytes drives hair follicle regeneration through niche mechanical remodelling
PW Yiping Zhao, China
- P-185** Hair follicle stem cells upregulate epithelial-mesenchymal transition and pyroptosis gene transcriptional programs during autoimmunity
SY15 Jarish Cohen, USA
- P-186** The MEG3/miR-21-5p/PTEN axis regulates hair follicle cycle progression by modulating outer root sheath cell function pathway
Yuhong Chen, China
- P-187** HARE protein induces hair regeneration via activation of dermal papilla cell receptors
Dongku Kim, Korea
- P-188** Human scalp hair follicles require olfactory receptor OR10J1 signaling for anagen and epithelial stem/progenitor cell maintenance, while OR10J1 stimulation with Dimetol promotes hair growth and increases the stem cell pool
PW Jérémy Chéret, Germany
- P-189** Twist2 modulates dermal fibroblast dynamics toward regenerative remodeling via TGF- β /BMP signaling during wound healing
Sunhyoung Lee, Korea
- P-190** Tacrolimus promotes human scalp hair follicle growth and increases the hair follicle epithelial stem cell pool
SY8 Jing Jing, USA

- P-191** Preclinical development of topical Latanoprost for stimulating human hair growth, pigmentation, and hair follicle epithelial stem cells
Jennifer Gherardini, Germany

Hair greying and pigmentation

- P-192** Overexpression of adrenergic β 2 receptors triggers apoptosis in human scalp hair follicle melanocytes via norepinephrine-induced oxidative stress
PW Shiqi Fu, China
- P-193** Endothelin-3 secreted from the dermal papilla regulates human hair fiber pigmentation
PS2 Min Wayne Chew, UK
- P-194** New prospects in hair repigmentation
Lilla Paragh, Israel
- P-195** A pre-clinical oxidative stress model for screening grey hair reversal bioactive compounds
Ranjit Bhogal, UK
- P-196** Frontiers in hair follicle chemosensation biology: Stimulating the bitter taste receptor, TAS2R50, with amarogentin promotes human scalp hair follicle growth and (re-)pigmentation
SY20 Julia Agramunt, Germany
- P-197** AI-enabled discovery of Roureva: A first-in-class bioactive for grey-hair reversal targeting melanocyte function
Kelsey NG, Hong Kong

- P-198** *Withdrawn*

Hair restoration surgery

- P-199** Evaluation of the donor area based on individual hair growth parameters for optimal planning of surgical hair restoration with FUE
SY17 Kuzma Khobzei, Ukraine
- P-200** Solving the terminology chaos in unshaven follicular unit excision (FUE): A path to consensus
Francisco Jimenez, Spain
- P-201** Reconstructive hair transplantation in children: A publicly funded cross-specialty pathway integrating tertiary plastic-surgery assessment and private surgical delivery
PW Dmitri Wall, Ireland
- P-202** Hairline repair using follicular unit excision of implanted grafts: A multicenter retrospective descriptive study
PW Cristina Romera de Blas, Spain
- P-203** Artificial intelligence-guided design of high-mechanical-strength, rapidly dissolving microneedles for precision therapy of androgenetic alopecia
Maanvendra S, India
- P-204** Development of a novel wireless multi-implanter for hair transplantation
Byoung-Sul Kim, Korea

Hormone metabolism and pattern hair loss

- P-205** In silico prediction and implications of endocrine disruptors targeting dermal papilla gene networks in androgenetic alopecia
PW Rui Peng, China

- P-206** Efficacy and safety of recombinant humanized collagen XVII solutions vs topical minoxidil for androgenetic alopecia: A single-centre randomized controlled clinical trial
PW Zixuan He, China
- P-207** MicroRNA-22-3p suppresses hair regrowth in androgenetic alopecia by targeting chloride intracellular channel 4
leiwei jiang, China
- P-208** Single-nucleus and bulk RNA sequencing reveals the involvement of natural killer and CD8+ T cells in the progression of androgenetic alopecia
SY15 Leiwei Jiang, China
- P-209** Continued year-on-year improvement in hair density with systemic Minoxidil in women with female pattern hair loss
Daniella Kushnir-Grinbaum, Israel
- P-210** SIRT7 attenuates androgenetic alopecia progression via deacetylation of the androgen receptor and suppression of oxidative stress
Tianyu Cao, China
- P-211** Serum zinc concentration and predictors of disease severity in female pattern hair loss: A study conducted in Japan
Muramori So, Japan
- P-212** NRF2 inhibition induces androgenetic alopecia by mediating ferroptosis and disulfidptosis in dermal papilla cells
Xiaowen Mao, China
- P-213** Clascoterone, a clinical-stage topical androgen receptor inhibitor, as a potential novel therapy for male pattern hair loss: Ex vivo comparison with Minoxidil demonstrates a unique effect on IL-6
Alizee Le Riche, Germany
- P-214** Lipid-driven activation of hair growth via the hypoxia inducible factor-1 signaling pathway
Jieun Seo, Japan
- P-215** Ginsenoside Rk1 ameliorates androgenetic alopecia by modulating the ROS-SRC-STAT3 signaling axis and regulating the skin-gut microbiota-metabolite interactome
Mingji Zhu, China
- P-216** Controlled redox activity by cold atmospheric plasma patch promotes hair regeneration via β -catenin signaling reactivation
Seungsoo Lee, Korea
- P-217** Aberrant B cell and cytotoxic T cell activation in female pattern hair loss: A pilot comparative clinico-transcriptomic study
PW Peng Rui, China
- P-218** Metabolic syndrome is associated with early-onset androgenetic alopecia: A retrospective case-control study
Soomin Park, Korea
- P-219** Efficacy and safety of dutasteride tablet 0.2 mg once daily in male patients with androgenetic alopecia: A randomized, double-blind, placebo-controlled, phase III study
SY23 Subin Lee, Korea
- P-220** Targeting the metabolic switch in androgenetic alopecia: EGLN3 orchestrates hair follicle miniaturization via suppressing glycolysis and triggering mitochondrial ROS
SY12 Yuou Sha, China

- P-221** Efficacy and safety of CG2001, a topical combination of minoxidil and finasteride in Chinese with androgenetic alopecia: Dose-ranging, randomized, controlled, double-blind phase 2 study
SY8 Cheng Zhou, China
- P-222** SNRPE deficiency induces ferroptosis via LPG 22:2 accumulation: A novel mechanism in androgenetic alopecia
Yao Xueyan, China
- P-223** Insulin resistance as a severity marker in androgenetic alopecia: Differential patterns between early and late disease onset
PW Maria Abril Martinez-Velasco, Mexico
- P-224** Exploring the metabolic profile of the hair follicle and follicle derived cells using Seahorse analyzer and ^{13}C metabolomics
Chloe Farren, UK
- P-225** Clascoterone topical solution 5% phase 3 study design to investigate efficacy and safety in male patients with androgenetic alopecia
PS2 Maria Hordinsky, USA
- P-226** Distinct clinical impacts of topical latanoprost versus minoxidil on vellus, intermediate, and terminal hair development in male androgenetic alopecia
FC2 Betsy Hughes-Formella, USA
- P-227** Bimatoprost promotes hair growth by activating the Wnt/ β -catenin pathway via ATP-sensitive potassium channels and AMP-activated protein kinase
Jung-Il Kang, Korea
- P-228** Hyperkalemia incidence in females over 45 years old on Spironolactone for dermatologic conditions: A retrospective cohort study
Arash Mostaghimi, USA
- P-229** Safety and tolerability of combination oral spironolactone and low-dose oral minoxidil for hair loss in adult females: A retrospective cohort study
PW Arash Mostaghimi, USA
- P-230** A bidirectional Mendelian randomization study of androgenetic alopecia and obesity (random-effects model)
Hong Lin, China
- P-231** A multicenter, randomized, double-blind, adaptive phase II/III clinical trial to evaluate the efficacy and safety of topical KX-826 tincture in adult Chinese male patients with androgenetic alopecia (AGA) (KX0826-CN-1010 phase III stage)
PS2 Cheng Zhou, China
- P-232** Efficacy and safety of VDPHL01, a novel investigational extended-release (ER) oral minoxidil tablet, in male patients with pattern hair loss (PHL): Results from a multicenter, randomized, double-blind, placebo-controlled phase 2/3 registration-directed trial
PW Glynis Ablon, USA
- P-233** Age-related downregulation of dihydrotestosterone-inactivating enzymes in human scalp: Implications for the age-dependent progression of androgenetic alopecia
Yasuaki Ikuno, Japan
- P-234** Employing the occipital human hair follicle organ culture as a medium-throughput screening model for 5- α reductase inhibitors
Alizée Le Riche, Germany

Injectable therapies (ex. PRP, exosomes)

P-235 Poly-D,L-lactic acid as a bio-modulator for hair loss treatment: From macrophage modulation to scalp rejuvenation
SY19 Jino Kim, Korea

P-236 The effect of miniature electric massager on alleviating pain associated with concentrated growth factors injection
Mang Sun, China

P-237 Therapeutic potential of conditioned medium from ex vivo expanded peripheral blood mononuclear cells for alopecia
SY19 Kaori Yauchi, Japan

P-238 Mechanism study of botulinum toxin in the treatment of androgenetic alopecia
Qiang Zhou, China

P-239 Sphingomonas olei-derived extracellular vesicles promote hair growth through the Wnt/ β -catenin pathway
FC2 Won Woo Choi, Korea

P-240 PRP combined with hair transplantation: Clinical evidence for enhanced hair follicle survival rate
PW Jie Long, China

P-241 Concentrated growth factor combined with Minoxidil versus microneedling combined with Minoxidil in the treatment of female androgenetic alopecia: A randomized self-controlled clinical trial
Xuegang Xu, China

P-242 A clinical and experimental study on the efficacy of complex hyaluronic acid injection for hair regrowth in androgenetic alopecia
SY19 Yunde Deng, China

P-243 Microneedling-assisted delivery of type-III and type-XVII collagen for refractory androgenetic alopecia: A pilot study on therapeutic efficacy
Dai Yeqin, China

P-244 Construction of a subcutaneous delivery system of rapamycin-loaded lemon-derived extracellular vesicles for the treatment of androgenetic alopecia
SY19 Wei Wang, China

P-245 Lipidomic analysis of exosomes derived from ASC (ASCE): Insights into epidermal barrier restoration
Byong Seung Cho, Korea

P-246 Comparative efficacy and safety of platelet-rich plasma, injectable platelet-rich fibrin, concentrated growth factors and topical minoxidil in female pattern hair loss: A multicenter randomized trial
PW BAI Yue, China

P-247 The efficacy of adipose stem cell-derived exosomes in hair regeneration based on a preclinical and clinical study
PW Byung Cheol Park, Korea

P-248 Prolactin receptor blockade with ABS-201 promotes hair follicle growth and stem cell activation in human male scalp skin
SY23 Ralf Paus, Germany

P-249 Engineered mesenchymal stromal cells-derived extracellular vesicles enhance hair regeneration through Wnt/ β -catenin activation
PW Yuanyuan Liu, USA

Microbiome analysis

P-250 Real-world clinical outcomes of combined exosome therapy and scalp microbiome-friendly care in patients with chronic hair loss: A prospective observational study
Linh Ho, Vietnam

P-251 Integrative pooled-analysis of the normal scalp microbiome: Bacteriome profiles and variation across public 16S datasets
SY22 Hyoung Soo Park, Korea

P-252 Disease-associated shifts in the scalp bacteriome: An integrative meta-analysis of alopecia areata, androgenic alopecia, and seborrheic dermatitis
PW Ho Yeon Choi, Korea

P-253 Chronic stress impacts scalp wellbeing by altering sebum and microbiome
PW Yi-Ning Xu, China

P-254 Depth-dependent microbial landscapes of the Korean scalp and hair follicles
Jin Park, Korea

P-255 Skin microbiome alterations following systemic therapy in Korean patients with head and neck atopic dermatitis: Multi-center cross-sectional study
Yun-Hwan Park, Korea

P-256 Distribution of Lawsonella in the scalp microbiome of healthy individuals and patients with folliculitis or inflammatory alopecia
PW So-Yeon Kim, Korea

P-257 Under the lens: Scalp microbiome alterations in health, disease, and intervention
Nadine Ben Romdhane, USA

P-258 Postbiotics combined with polyhydric alcohols: Restoring scalp microbiota homeostasis and relieving scalp discomfort
Yingxin, China

P-259 The scalp microbiome and hair growth: A systematic review of current evidence and future directions
Lim Fui Ping, Singapore

Microenvironments of hair follicle (ex. nervous, adipose tissue)

P-260 An IL-33-Treg-IGF1 axis regulates wound-induced hair follicle neogenesis
SY7 Yu Han, China

P-261 Human hair follicle outer root sheath cells influence differentiation and specialization of sensory neurons in vitro and in vivo
PS2 Anna Rhodes, UK

P-262 Telogen-specific enrichment of a G protein-coupled receptor and its functional impact on hair cycle progression
Lixin Xie, China

P-263 Detachment of the arrector pili muscle from the hair bulge precedes miniaturization in androgenetic alopecia
FC1 Michał Kasprzak, Poland

P-264 The naturally occurring sugar 2-deoxy-D-ribose promotes vascular endothelial growth factor A expression in human hair follicles
PW Christopher Lancaster, UK

P-265 Elucidating mechanism of post-shave ingrown hair occurrences and skin healing response in the human hair follicle through silico-in vitro and digital imaging models
Misbah. K. Ghafoor, UK

P-266 Mitoquinone mesylate reverses energy homeostasis imbalance in androgenetic alopecia by regulating HK2-mediated metabolic reprogramming
Tingru Dong, China

P-267 Hypothesis: Human hair follicles operate as a targetable, multifocal "peripheral liver"
SY26 Ralf Paus, USA

P-268 Modulation of USP7 activity regulates hair growth through AXIN1-mediated Wnt/ β -catenin signaling
Ji-An Wang, China

P-269 Organelle-level regulation of hair follicle homeostasis, regeneration, and pathology
PW Fuqiang Chen, China

P-270 New evidence for the involvement of axon adhesion/guidance-related molecules in hair follicle cell activities and beyond
FC2 Colin Jahoda, UK

P-271 Mechanical niche reprogramming by dermal fibroblasts drives hair follicle regeneration
SY13 Yiping Zhao, China

P-272 A multiscale model links economic shock exposure to shedding through hair cortisol burden, adiponectin-leptin imbalance, and perifollicular macrophage activation
Rosdiana, Indonesia

Organoids, hair regeneration and tissue engineering

P-273 Hair-peg-like sprouting assay for hair drug screening
SY16 Tatsuto Kageyama, Japan

P-274 Can skin smell? olfactory receptors as novel chemosensory regulators in hair growth and alopecia
PW Rachel Greene, USA

P-275 ECM viscoelasticity promotes hair follicle regeneration by activating HMMR
FC2 Qiaoli Xie, China

P-276 Rejuvenation and restoration of hair regenerative ability in adult dermal papilla cells by temporal Yamanaka factor induction
Ayaka Nanmo, Japan

P-277 Morphological profiling to predict clinical outcomes in autologous dermal sheath cup cell therapy for male and female pattern hair loss
Suguru Kinoshita, Japan

P-278 Immunomodulatory potential of human hair follicle dermal sheath cup cells and development of a morphometric quality control method assessing this potential for regenerative therapy
SY7 Hyuma Tsuji, Japan

P-279 Deciphering the spontaneous aggregation of vibrissa dermal papilla cells reveals multiple cellular and molecular phenomena.
FC1 Yaqi Ye, UK

P-280 Cleanroom slot allocation and reagent cold-chain compartments determine hair organoid throughput, failure rates, and budget impact in public hospital regeneration programs
Rosdiana, Indonesia

P-281 Exosomes from Gardenia jasminoides-primed mesenchymal stem cells promote hair growth via miR-301a-3p-mediated Wnt/ β -catenin activation
Daewon Yoon, Korea

Psychosocial aspects of hair disorders and measurement

P-282 A systematic literature review of alopecia areata in children and adolescents: Psychosocial impact
PW Brittany Craiglow, USA

P-283 Acute psychosocial stress in humans induces rapid transcriptional changes in the hair follicle outer root sheath
FC2 Joanna Gosieniecka, UK

P-284 Long-term exposure to Finasteride does not increase depression risk: An 11-year nationwide cohort study
Du Jin Baek, Korea

P-285 *Withdrawn*

P-286 *Withdrawn*

P-287 Psychosocial and quality-of-life impact of hair prosthesis use in children with severe alopecia areata and their families
PW Tae-Jong Kang, Korea

P-288 Immune, neuroendocrine, and central nervous system features of alopecia areata: A single-center cross-sectional study
SY26 Shuying Lv, China

P-289 Quality of life survey in Japanese children with alopecia areata
PW Kazutoshi Harada, Japan

P-290 *Withdrawn*

Scalp disease/other hair loss disease

P-291 Identification of novel protein biomarkers and drug targets for seborrheic dermatitis through integrated analysis of human plasma proteomics and genomics
Kunyuan Fu, China

P-292 Using the Hidradenitis suppurativa diseased skin organ culture model to assess mechanisms of action and efficacy in disease amelioration of FDA-approved drugs
Joana Viola-Söhnlein, Germany

P-293 Single-cell RNA sequencing reveals the interaction of TREM2+ macrophages and Tc17 lymphocytes in scalp psoriasis
Qitao Chen, China

P-294 Drugs and alopecia: Insights from ten years of FDA-approved medications (2015-2025)
PW Anna Bolzon, Italy

P-295 A multicenter, random, controlled clinical trial on the efficacy of scalp compound acid essence in modulating scalp microecology in patients with scalp seborrheic dermatitis
FC2 Zhao Henggaung, China

P-296 Enhanced inflammatory activation in follicular keratinocytes through cooperative innate immune signaling
Youngae Lee, Korea

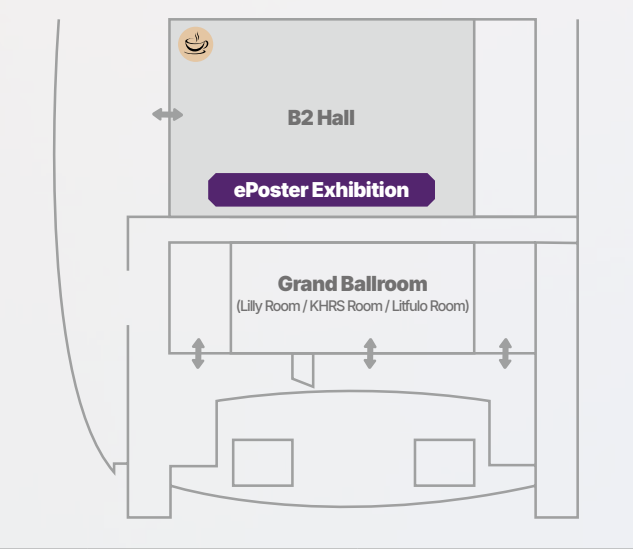
P-305 **Novel regulatory T-cell enhancing biologic**
FC2 **rezpegaldesleukin: Phase 2b efficacy and safety**
results following 36-weeks of therapy in severe-
to-very-severe alopecia areata
Neil Sadick, USA

ePoster Display Period

ePoster Viewing Hours		
Day 1	Thursday, May 28	14:00 – 19:00
Day 2	Friday, May 29	08:00 – 19:00
Day 3	Saturday, May 30	08:00 – 17:00
Day 4	Sunday, May 31	08:00 – 13:00

ePoster Location

B2 Hall (1F)



Alopecia areata basic research and immunobiology of hair

- E-001** Efficacy and safety of Janus kinase inhibitors in the treatment of alopecia areata: A systematic review and meta-analysis
Saeed Jalfan, Saudi Arabia
- E-002** Bibliometric insights into the inflammation and mitochondrial stress in alopecia areata
Xiaoyan Liu, China
- E-003** The causal relationship between immune cells and hair loss diseases: A two-sample Mendelian randomization study
Wenxia Jin, China
- E-004** Alopecia areata sequential immunotherapy based on the 'state-target' theory
Xiuzu Song, China
- E-005** Tacrolimus versus Clobetasol in the management of alopecia areata: A systematic review and meta-analysis
Sarmad Elahi Chattha, Pakistan
- E-006** Single-cell RNA sequencing reveals pathological hallmarks and 3 potential targets for pediatric alopecia areata
ying luo, China
- E-007** The roles of T cells in hair biology under physiological conditions
Danchen Hu, China
- E-008** HSPA2 inhibits alopecia areata progression by modulating the ERK/AKT signaling pathway and attenuating endoplasmic reticulum stress
Meiqi Mao, China
- E-009** Innate immune activation and T cell exhaustion in hair follicle immune dysregulation
Yujie Miao, China
- E-010** Comparative clinical outcomes of JAK inhibitors in patients with comorbid alopecia areata and atopic dermatitis
Lilly Jimoh, USA
- E-011** Synergistic activation of hair growth: Evaluating the efficacy of Adenosine, glutamic acid, and carnitine tartrate combination compared to Minoxidil
Angelina Ivanova, Switzerland
- E-012** Platelet rich plasma in alopecia therapy: What does the evidence show?
Ulil Albab Habibah, Indonesia
- E-013** Epigenetic signatures and environmental triggers in alopecia areata: An integrative review
Simonetta I Gaumond, USA

Alopecia areata case

- E-014** Cytotoxic chemotherapy and alopecia universalis remission: A call for further investigation
Juwon Lee, USA
- E-015** Bridging the therapeutic gap: An accessible and effective protocol for severe alopecia areata
Pristia Widya Monica, Indonesia
- E-016** Successful treatment of refractory alopecia areata and vitiligo with Ivarmacitinib in a 26-Year-Old female
DongJie Sun, China

- E-017** Hair follicles show recurrent anagen entry attempts in chronic alopecia areata lesions
Yen-Yi Sung, Taipei
- E-018** A real-world study on efficacy and safety of Ivarmacitinib in adult and pediatric patients with alopecia areata
Wenjun Zheng, China
- E-019** Diffuse white hair in alopecia areata: A case report and literature review
Kunyuan Fu, China
- E-020** Synergistic effect of Ivarmacitinib and plum blossom needle therapy in achieving rapid relief for severe alopecia areata
Wujie Wei, China
- E-021** Two case reports of rapidly effective treatment for adolescent alopecia areata with Ivarmacitinib
Hong Yan, China
- E-022** Successful treatment of severe alopecia areata with Ritlecitinib: A case report
Wei Wang, China
- E-023** Two case reports of Ivarmacitinib for refractory severe adolescent alopecia areata
Xinhong Ge, China
- E-024** Initial clinical outcomes with Ivarmacitinib in alopecia areata: A case series
Yaping LI, China
- E-025** Clinical and genetic analysis of five cases of congenital hypotrichosis syndrome
Yanhong Jia, China
- E-026** Significant clinical improvement with Ivarmacitinib after suboptimal response to Tofacitinib in severe alopecia areata: A case report
Zulin Wan, China
- E-027** Severe alopecia areata unresponsive to Ritlecitinib successfully treated with Upadacitinib: A case report
Wanyu Sun, China
- E-028** Successful treatment of severe alopecia areata with Ivarmacitinib, a selective JAK1 inhibitor: Two case reports
Guohong Hu, China
- E-029** Oral Tofacitinib as an option for severe alopecia areata
Val Constantine Cua, Philippines
- E-030** Combination of low-dose oral prednisone with high-dose methotrexate for pediatric alopecia areata - a narrative experience
Val Constantine Cua, Philippines
- E-031** Dynamically reconfigured tryptophan metabolism and its potential implication in the pathogenesis of alopecia areata
Moyuak Wada-Irimada, Japan
- E-032** Long-term safety and efficacy of Baricitinib in pediatric patients with alopecia areata: A 5-Year real-world follow-up case
Jiezhi Zhang, China
- E-033** Severe thrombocytopenia during Baricitinib therapy in a child with alopecia universalis
Soomin Park, Korea
- E-034** Alopecia universalis following sonidegib discontinuation: A case report
Danchen Hu, China
- E-035** Complete hair regrowth with Ritlecitinib in severe refractory alopecia areata: A case complicated by local inflammation and vitamin D deficiency
Jingyi Lu, China
- E-036** Successful treatment of hair loss and restoration of natural hair color in patient with alopecia areata due to psychological disorder using RSCE (rose stem cell-derived exosome): Case report with 6-Month follow-up
Byong Seung Cho, Korea
- E-037** Extracorporeal shockwave therapy and recombination collagen as a novel combination therapy for refractory androgenetic alopecia following hair transplantation: A case report
Baihui Chen, China
- E-038** *Withdrawn*
- E-039** Real-world study of Ritlecitinib in treating alopecia areata in children under 12 years old
Jingying Han, China
- E-040** Alopecia areata incognito mimicking androgenetic alopecia in an adolescent girl: Diagnosis and long-term management
Maka Doghozashvili, Georgia
- E-041** Back to basics: Resurrecting squaric acid dibutyl ester (SADBE) as part of a multimodal strategy for refractory alopecia totalis
Sahil Maharaj, South Africa
- E-042** Efficacy and safety of Ivarmacitinib in severe alopecia areata: A case series of five patients
Nan Jiang, China
- E-043** Successful treatment of alopecia areata using a 1550 nm non-ablative fractional laser and triamcinolone acetonide: A clinical case
Spartak F. Kaumov, Russia
- E-044** *Withdrawn*
- E-045** *Withdrawn*
- E-046** Effective treatment of alopecia areata with Ivarmacitinib
Xinhong Ge, China
- E-047** *Withdrawn*
- E-048** *Withdrawn*
- E-049** Management challenges in refractory ophiasis-type alopecia areata: Evaluating the role of fractional non-ablative laser therapy
Archie Spindler, USA
- E-050** Therapeutic dilemma in refractory alopecia areata: Inadequate response to corticosteroid and JAK inhibitor therapy
Manni Huang, China
- E-051** Therapeutic dilemma in alopecia totalis in the elderly population: When to consider JAK inhibitors?
Magdalena Żychowska, Poland
- E-052** Crisaborole as a potential treatment for pediatric alopecia areata: Case report and literature review
Xu Qiannan, China
- E-053** Successful JAKi treatment of a patient with alopecia universalis, atopic dermatitis, crohn's disease and factor V leiden mutation
Theodore James Daly, USA
- E-054** Therapeutic dilemma in coexisting trichotillomania and alopecia areata: Challenges in optimizing hair regrowth
Kelsie Kirsty C. Santos, Thailand

- E-055** Combined therapy with Tofacitinib and traditional chinese medicine decoction for the management of concurrent alopecia areata and vitiligo in the same scalp region Post-COVID-19
Chen Yuxuan, China
- E-056** Segmental alopecia areata: A rare pattern of alopecia areata?
Ying Wang, China
- E-057** Synergistic effects of extracorporeal shock wave therapy and multitype collagen solution in a case of JAK inhibitor-refractory alopecia universalis
Xiao-wen Huang, China
- E-058** Safe hair transplantation in coexistent scalp vitiligo and androgenetic alopecia: The role of Upadacitinib
Yifei Zhu, China
- E-059** Patchy alopecia: A case of post-injection pressure-induced alopecia differentiated from alopecia areata
I Teng Choi, China
- E-060** Alopecia areata's mimic: A case of postoperative pressure-induced alopecia
I Teng Choi, China
- E-061** Clinical implications of scalp micropigmentation in long-standing alopecia totalis: A therapeutic dilemma
Criselda Jean G. Cruz, Philippines
- E-062** Long-standing severe alopecia areata: Therapeutic dilemmas (slow onset & high recurrence): Sequential therapy application
Fang Zhou, China
- E-063** Regenerative technologies for restoring hair growth after endoscopic lifting. My experience.
Inga Kozyrenko, Russia
- E-064** Refractory severe alopecia areata resistance to multiple different JAK inhibitors responds well to Upadacitinib: A two-case report
Jingying Han, China
- E-065** Sans injectables: 10-Month triple combination therapy for the treatment of ophiasis in an 8-Year-Old Filipino male
Bianca Victoria C. Peña, Philippines

Alopecia areata clinical-JAK inhibitor

- E-066** Real-world effectiveness and safety of JAK-inhibitors in alopecia areata: A retrospective cohort study of 72 patients
Sophie van Helmond, Netherlands
- E-067** Clinical efficacy and associated factors analysis of Ritlecitinib combined with topical Minoxidil on moderate-to-severe alopecia areata in adolescents and adults
Hongxia Li, China
- E-068** Real-world effectiveness and safety of Ritlecitinib for extensive alopecia areata in adolescents and young adults: A 24-Week cohort
Chen Jing, China
- E-069** Real-world efficacy of Upadacitinib in treating alopecia areata: Potential predictors of rapid response
Chen Jing, China
- E-070** A real-world study on the efficacy and safety of Upadacitinib for severe and refractory alopecia areata
Qianru Ye, China

- E-071** Switching to Ritlecitinib after inadequate response to Baricitinib in alopecia areata
Minghuan Xu, China
- E-072** Baricitinib provides holistic improvement in scalp hair, eyebrow and eyelash regrowth in adolescents with severe alopecia areata
Bianca Piraccini, Italy
- E-073** JAK inhibitor therapy in alopecia areata with latent hepatitis B virus or tuberculosis infection: A safety assessment
Zhao Hengguang, China
- E-074** Sustaining treatment response in alopecia areata through Tofacitinib dose tapering: A single-center retrospective study
Jia Jian, China
- E-075** Real-world experience of JAK inhibitors in eyebrow regrowth for alopecia areata: A retrospective single-center study
Jia Jian, China
- E-076** Longitudinal changes in hematological inflammatory indices during a 24-Week treatment with Ritlecitinib in patients with alopecia areata: A single-center, real-world study
Jia Jian, China
- E-077** Real-world efficacy of Ritlecitinib in adolescent patients with alopecia areata: A 36-week monocentric real-life observational study
Jia Jian, China
- E-078** Real-world experience with Ritlecitinib in patients with severe alopecia areata
Diego Buendía Castaño, Spain
- E-079** Efficacy and safety of Upadacitinib in adolescent and adult patients with alopecia totalis and alopecia universalis: A real-world retrospective study
Jinran Lin, China
- E-080** Early on-treatment change in severity of alopecia tool as a pragmatic predictor of Ritlecitinib response in moderate-to-severe alopecia areata: A real-world cohort study
GIUSEPPE GALLO, Italy
- E-081** This study analyzes 29 cases of alopecia areata in kazakh patients aged 7-35, with varying duration and severity, treated using different therapeutic approaches and evaluated for outcomes
Jetpisbayeva Zulfiya, Kazakhstan
- E-082** Upadacitinib for alopecia areata: Salvage therapy and combination with diprospan
Liyang Duan, China
- E-083** Alopecia areata flares during oral JAK inhibitor therapy: A pilot analysis of clinical predictors
Meshi Paz BS, USA
- E-084** Efficacy and safety of Tofacitinib in moderate-to-severe pediatric alopecia areata: A real-world retrospective study
Ying Xie, China
- E-085** Immunopathological mechanisms of alopecia areata and recent advances in targeted therapy
Lan Jiang, China
- E-086** Real-world efficacy and safety of Ritlecitinib in children and adolescents with alopecia areata: A retrospective cohort study
ying luo, China

- E-087** Upadacitinib for treatment of severe alopecia areata in adolescent patients: A case series and narrative review
Yimeng Gao, China
- E-088** Real-world outcomes of Ritlecitinib in alopecia areata: A retrospective review of 15 Japanese patients
Hisayoshi Imanishi, Japan
- E-089** Efficacy and safety of Ritlecitinib in chinese patients with alopecia areata: A prospective single-center, real-world clinical study
Danyang Zheng, China
- E-090** Comparison of the efficacy of betamethasone microneedle-mediated delivery and intralesional injection in patients intolerant to JAK inhibitors: A retrospective analysis
Lingjie Zhou, China
- E-091** Long-term real-world efficacy and safety of Ritlecitinib in alopecia areata: A single-center experience
Sun Weiling, China
- E-092** Treatment response and prognosis analysis of ophiasis
Fanshu Li, China
- E-093** Fast response of Ivarmacitinib in moderate-to-severe alopecia areata in adult patients: A real-world study in china
Mao Lin, China
- E-094** Real-world efficacy and safety of Baricitinib in children younger than 12 years with alopecia areata: A single-center retrospective study
Shuying Lv, China
- E-095** Clinical study on Ritlecitinib combined with topical corticosteroids in patients with alopecia areata unresponsive to systemic corticosteroids
Yanting Ye, China
- E-096** Effectiveness of Ritlecitinib for the treatment of alopecia areata in patients switched from other JAK inhibitors: A real-world retrospective study
Xinxin Li, China
- E-097** Baseline nail involvement predicts Baricitinib response in children with severe alopecia areata: Development of a bedside prognostic score
Xinyi Zhang, China
- E-098** Therapeutic efficacy and safety of Deuruxolitinib in moderate to severe alopecia areata: A systematic review and meta-analysis
Noha Hammad, Egypt
- E-099** Association between serum ige levels and treatment response of JAK inhibitors in alopecia areata
Yijie Sun, China
- E-100** Effectiveness and safety of Ritlecitinib in alopecia areata: A real-world analysis with ≥ 12 months of follow-up
Wenhan Zhang, China
- E-101** Comparative effectiveness of Baricitinib and Ritlecitinib in pediatric severe alopecia areata: A propensity score-matched real-world study
Xue Wang, China
- E-102** Real-world efficacy and safety of Baricitinib in Korean adult patients with severe alopecia areata
Yun-Ji Lee, Korea

- E-103** Real-world experience of JAK inhibitors in pediatric patients diagnosed with severe alopecia areata: A single center retrospective study
Yun-Ji Lee, Korea
- E-104** Ethnobotanical JAK inhibitor therapies for alopecia: Emerging clinical evidence for hair loss treatments
Amanda Nghiem Duong, USA

Alopecia areata clinical-others

- E-105** Clinical efficacy and safety of combined acupuncture and helium-neon laser therapy for alopecia areata: A prospective study
Weijie Gu, China
- E-106** Pathological mechanisms of refractory alopecia areata and targeted treatment
HongFang, China
- E-107** Reconsidering the classification of alopecia areata inspired by vitiligo
Chengjie Zhuang, China
- E-108** Longitudinal clinical course, treatment outcomes, and relapse patterns in alopecia areata: A prospective cohort study
Yan Wenjie, China
- E-109** A cross-sectional survey on clinical characteristics and treatment of patients with alopecia areata in china
Qianxi Li, China
- E-110** Expression and significance of sp, NPY and PGP9.5 in moderate to severe alopecia areata
Yinghua Zhu, China
- E-111** Investigation on clinical and immunological features of alopecia areata comorbid with atopic dermatitis
Xin Yan, China
- E-112** Efficacy of topical treatment for alopecia areata from randomized controlled trials: A systematic review and meta-analysis
Ru-Yu Wang, China
- E-113** Systemic treatments for pediatric alopecia areata
Ajith Cy, Canada
- E-114** A first preliminary study on efficacy and safety of acupoint catgut embedding as monotherapy for recurrent mild-to-moderate alopecia areata without spontaneous remission tendency
Guoyan Liu, China
- E-115** Primary cicatricial alopecia: An update on pathogenesis and immunoregulation
Shengzhao Chen, China
- E-116** Systemic Minoxidil and eyelash growth: A pilot observational cohort study
Nadine Ben Romdhane, USA
- E-117** Topical Adenosine in the treatment of alopecia: A systematic review and meta-analysis
Mohamed Hamouda Elkasaby, Egypt
- E-118** Efficacy of Dupilumab in patients with alopecia areata concomitant with atopic dermatitis: A single-center retrospective study
Jingying Han, China
- E-119** Hair texture alterations in regrown hair of alopecia areata patients: A case series
Sai Yang, China

- E-120** Efficacy of Calcipotriol/betamethasone ointment in the management of pediatric alopecia areata
Yumi Won, Korea

Animal models

- E-121** High translational non-human primate allergic skin models for developing new drugs targeting type II cytokines and mast cell
Shihan Chen, China
- E-122** Establishment of androgenetic alopecia model mice and preliminary investigation of the mechanism of action
Yanhua Li, China
- E-123** A synergistic hydrogel-liposome strategy for robust hair regeneration in alopecia mouse models
duqian, China
- E-124** Investigation of the effects and mechanisms of type XVII collagen (COL17) on hair growth in androgenetic alopecia (AGA) model mice
Hanxiao Cheng, China
- E-125** Mechanism of fire needle therapy in promoting hair follicle regeneration by recruiting macrophages via modulation of the IL-17 pathway chemokine axis
Chenlu Zhao, China
- E-126** Rosemary-oil-engineered metal-organic frameworks as a targeted follicular delivery platform for accelerated hair regeneration"
Manvendra Singh, India
- E-127** Efficacy and mechanisms of combined acid peeling in a mouse model of androgenetic alopecia
Han Deng, China
- E-128** Microneedle-enabled transdermal delivery of hypoxia-primed extracellular vesicle-encapsulated Selenium nanoparticles for the treatment of androgenetic alopecia
Singh D, India
- E-129** Targeting MGMT1 to improve androgenetic alopecia: An experimental study based on animal models
Yanzhen Chen, China

Big data, epidemiology, and cohorts

- E-130** Investigating the experiences of black women with hair and scalp conditions WHO consult a trichologist or private dermatologist instead of NHS healthcare professionals
Shirley McDonald, UK
- E-131** Clinical and pathological analysis of 256 primary solid tumors of the scalp
Xinyu Yang, China
- E-132** Epidemiology of seborrheic dermatitis and its increased risk of rosacea: A retrospective cohort study
Han-Seul Kim, Korea
- E-133** What drives female pattern hair loss (FPHL) to microneedle therapy?--willingness-to-pay of platelet-rich plasma and microneedling for the treatment of female pattern hair loss
NJunbo Zhang, Chinaadine Ben Romdhane, USA
- E-134** Alopecia with GLP-1 receptor agonists in obesity trials: Quantified risk and dose-response from pivotal programs
Raymond Z. Ezzat, USA

- E-135** Clinical characteristics and clinical visit behaviors in patients with androgenetic alopecia: A retrospective study
Tong Zhang, China

- E-136** Reinventing androgenetic alopecia treatment: Five-year outcomes from a significative cohort using rotational personalized topical therapy
Valentina Villarreal Hernández, Colombia
- E-137** How smoking and vaping are discussed in hair loss: A multi-platform social media study
Derek Maas, USA
- E-138** The intersection of sleep and hair loss: A systematic review
Tanya Boghosian, USA
- E-139** Bicalutamide: A potential new oral antiandrogenic drug for female pattern hair loss
Grishma Kale, India
- E-140** Effects of different acupuncture therapies on androgenetic alopecia: A systematic review and network meta-analysis
Xueru Chen, China
- E-141** Investigating impact of hijab wearing on hair shedding in consumers with healthy or dandruff scalp condition
Jianing N. Sun, China
- E-142** Triphasic trajectory of age-related hair thinning in women: Growth, plateau, and accelerated decline
Ivan Kurniadi, Indonesia
- E-143** Associations between glycolipid metabolic parameters and disease onset in patients with androgenetic alopecia
Peizhen Li, China
- E-144** Bibliometric and visualized analysis of the chemotherapy-induced alopecia from 2005 to 2025
Xinru Wang, China
- E-145** Topical compound platycodon solution for female androgenetic alopecia A prospective randomized controlled study
Xuewen Chen, China
- E-146** Frontal fibrosing alopecia in the kaiser permanente northern california healthcare system: Study of demographics and comorbidities show Racial/Ethnic differences
Paradi Mirmirani, USA
- E-147** IMF food and energy price inflation compartments explain alopecia care abandonment and new-onset depression risk across fifty countries using world bank and WHO surveillance data
Farah Miftakhul Ilfa, Indonesia
- E-148** *Withdrawn*
- E-149** *Withdrawn*
- E-150** *Withdrawn*
- E-151** Real-world time-to-treatment for androgenic alopecia in transgender and cisgender patients
Jonpaul Urias, USA
- E-152** A blinded pilot evaluation of a topical gene-targeting intervention in black adult men with androgenetic alopecia
Eleojo Achimugu, UK

Cicatricial alopecia

- E-153** Feeling the burn: Integrative approaches to symptom relief and disease stabilisation in lichen planopilaris
Eleojo Achimugu, UK
- E-154** Familial frontal fibrosing alopecia occurs early in daughters with affected mothers: A case report and a review of the literature
Annabel I Stevenson, Australia
- E-155** Assessing the quality and inclusivity of central centrifugal cicatricial alopecia content on youtube and instagram: A cross-sectional analysis
Angela Anaeme, USA
- E-156** Fibrosing alopecia in a pattern distribution; news clinical findings
Yanting Ye, China
- E-157** Ingrown hairs lead to persistent kerion
Ze-Hu Liu, China
- E-158** Fibrosing alopecia in a pattern distribution: A case report
Shufang Chai, China
- E-159** Successfull management of purulent perforating perifolliculitis by capsular cavity flushing combined with photodynamic therapy
Wanyu Sun, China
- E-160** Characterizing facial involvement in frontal fibrosing alopecia: Clinical features, therapeutic approaches, and patient outcomes
Pedro J Gomez-Arias, Spain
- E-161** Impact of hair specialist dermatologists in optimizing treatment and patient experience in scarring alopecia
Isabella Zappi, USA
- E-162** Cranial prostheses for scalp concealment among patients with cicatricial alopecia
Itisha S. Jefferson, USA
- E-163** Occipital hairline regrowth following low-dose oral Minoxidil in women with frontal fibrosing alopecia: A retrospective comparative study
Dana Hutchison, USA
- E-164** Does scalp itch correlate with mast cell infiltration in lichen planopilaris? A pilot analysis
Meshi Paz BS, USA
- E-165** Diagnostic gray zone and dilemma: Androgenetic alopecia (AGA) vs. fibrosing alopecia in a pattern distribution (FAPD)
Yuqian Li, China
- E-166** A case of scalp white patch: Beyond vitiligo and hypopigmentation
Jin-Yuan Ma, China
- E-167** *Withdrawn*
- E-168** Mycosis fungoides: A cunning masquerader
Lijuan Zhou, China
- E-169** Epidermal acanthosis as a diagnostic clue of folliculitis decalvans-lichen planopilaris phenotypic spectrum: Report of five cases
Isabella Doche, Brazil
- E-170** Apremilast and doxycycline combination therapy in the treatment of folliculitis decalvans
Lijuan Zhou, China
- E-171** Evaluation of topical and oral metformin for hair loss: A scoping review
Rewan M. Abdelwahab, USA
- E-172** A case of graft-versus-host disease presenting as discoid lupus erythematosus
Yuxin Wang, China
- E-173** Folliculitis decalvans and lichen planopilaris phenotypic spectrum (FDLPPS): On the verge of two cicatricial alopecias
Lesia Henryk, Ukraine
- E-174** A case of localized alopecia at traumatic site: Beyond cicatricial alopecia
Jin-Yuan Ma, China
- E-175** Fibrosing alopecia in a pattern distribution (FAPD): A clinico-trichoscopic and pathological correlation in 20 cases
Ekaterina Karpushina, Russia
- E-176** Metformin for hair loss: A scoping review
Rewan M Abdelwahab, USA
- E-177** Central centrifugal cicatricial alopecia and lifetime prevalence of malignancy across organ systems
Jack Woll, USA
- E-178** A case of special scarring alopecia: Morphea combined with lichen planopilaris or alopecia due to lichen sclerosus et atrophicus
Guanghui Shao, China
- E-179** Frontal fibrosing alopecia in men: Clinical characteristics and association with facial cosmetic product use
Ana Melian-Olivera, Spain
- E-180** Quantifying scarring alopecia progression using mediation models linking healer consultation intensity, referral network friction, and anticipated stigma to late biopsy and higher severity
Anekawati, Indonesia
- E-181** Clinical features of scalp morphea: A cases series
Jin-Yuan Ma, China
- E-182** Facial hypertrichosis induced by topical Minoxidil 5% in a child with alopecia areata
Anissa Zaouak, Tunisia
- E-183** Coexisting cicatricial alopecias: Clinical observation
Anna Pirogova, Russia
- E-184** Co-occurrence of frontal fibrosing alopecia and vitiligo: A case report and literature review
Fangfangwu, China
- E-185** Efficacy of Ivamacitinib combined with Finasteride in the treatment of fibrosing alopecia in a pattern distribution
Qilin Zhu, China
- E-186** Surgical management of acne keloidalis nuchae lesions: A case report
Jihane Benahmed, Morocco
- E-187** Diagnostic dilemma in a young patient with cicatricial alopecia and scalp neoplasms
Yue Lang, China
- E-188** Case study: Apremilast and doxycycline combination therapy in the treatment of folliculitis decalvans
Lijuan Zhou, China
- E-189** Therapeutic dilemma of scarring alopecia in discoid lupus erythematosus: Unsatisfactory response to conventional treatment
Won Seob Lee, Korea
- E-190** Atypical alopecia in severe juvenile systemic lupus erythematosus: A signal of poor prognosis?
Andreia Munck, Brazil

- E-191** Fibrosing alopecia in a pattern distribution: A case report
Shufang Chai, China
- E-192** Therapeutic tactics for drug-induced lupus erythematosus of the scalp
Topychkanova Elizabeth, Russia
- E-193** Clinical conundrum: Improvement of scalp lichen planopilaris coinciding with progressive vitamin C deficiency
Jane Hong, USA
- E-194** Scarring alopecia due to metastatic crohn's disease - therapeutic dilemma
Magdalena Żychowska, Poland
- E-195** Therapeutic dilemma in a longstanding case of fibrosing alopecia in pattern distribution: Refractory response to traditional combination treatment
Jung-Yi Lisa Chan, Taipei
- E-196** Malignant scalp tumors in children: Diagnostic tactics
Topychkanova Elizabeth, Russia
- E-197** Malignant mimickers of primary cicatricial alopecia: A diagnostic pitfall
Hyun Mo Lee, Korea
- E-198** Case study: Mycosis fungoides: A cunning masquerader
Lijuan Zhou, China
- E-199** The key points of differential diagnosis of folliculotropic mycosis fungoides: The importance of biopsy criteria
Jinghan Yuan, China
- E-200** A case of androgenetic alopecia with concomitant early cicatricial alopecia identified after autologous platelet concentrates therapy
Yutong Xie, China
- E-201** A case report: Effective treatment of folliculitis decalvans with Baricitinib
Mai Zhang, China
- E-202** Acute diffuse pili torti-like in a patient with androgenetic alopecia: An indication of perifollicular inflammation
Andreia Munck, Brazil
- E-203** Combined therapy for androgenetic alopecia with concurrent fibrosing alopecia in a pattern distribution
Xiao Liu, China
- E-204** Curl pattern alteration in greying afro-textured hair in a patient with biopsy-confirmed CCCA-LPP variant
Martha Achi, UK
- E-205** Ophiasis-pattern alopecia areata successfully treated with oral Tofacitinib: A case report
Andrya Trautwein Doneda, Brazil

Cutting-edge technology for hair research

- E-206** Application of ultrasound in the diagnosis and treatment of hair diseases
Gengchen Zhang, China
- E-207** Exploring the role of gut microbiome in the pathogenesis and treatment of alopecia: Insights from metagenomic sequencing
Jun Xie, China

- E-208** A study on the treatment of androgenetic alopecia in rabbits using mPEG-PLGA-Loaded Minoxidil and its safety
Han Deng, China
- E-209** Three-dimensional mesoporous microcrystalline carbon loaded with composite peptides activates NRP1 for hair loss treatment
Li Ye, China
- E-210** Thymosin beta 4 promotes hair growth through activation of dermal papilla cells
Jingbi Meng, China
- E-211** Natural clay as an active mineral carrier for topical Minoxidil with hair-growth-promoting effects
Jingbi Meng, China
- E-212** A combined therapeutic strategy based on three-dimensional mesoporous microcrystalline carbon targeting NRP1 to promote hair follicle regeneration
Li Ye, China
- E-213** Establishment of an immortalized human hair follicle keratinocyte cell line with sustained trichogenic potential
Young Kwan Sung, Korea
- E-214** Functional collagen integration regulates hair follicle activity and promotes hair growth
Longquan Pi, China
- E-215** Establishment of a 3D spheroid co-culture model recapitulating the telogen-to-anagen transition via BMP6 and Wnt modulation
Kelsey NG, Hong Kong
- E-216** New approach to maintain hair beautiful after coloring: Time-dependent changes in hair structure and underlying mechanisms
Hideaki Yoshioka, Japan
- E-217** Hair biomarkers for solid tumor detection: Systematic review of the current evidence
Lilly Jimoh, USA
- E-218** Deep learning graph attention decoding of spatial CD34+ progenitor niches identifies a miniaturization front and irreversible collapse threshold in androgenetic alopecia
Rini Winarti, Indonesia
- E-219** Clinical efficacy and sustained activity of a topical androgen receptor-targeting siRNA (SAMiRNA-AR68) in androgenetic alopecia
Jino Kim, Korea

Dermoscopy, image-based diagnostics, and AI

- E-220** Evaluation of artificial intelligence responses for telogen effluvium questions
Rewan Abdelwahab, USA
- E-221** Does scalp threading cause fibrosis of the hair follicle?
Elena Arsova, Serbia
- E-222** A case of long-standing alopecia areata ophiasis clinically resembling but successfully differentiated from cicatricial alopecia using a novel technology: Three-dimensional high-frequency ultrasound
Tatsuro Iwasaki, Japan
- E-223** Combined corticosteroid and Minoxidil therapy for early recovery in hair extension-induced alopecia
Jia-Xin Li, China

- E-224** ChatGPT vs microsoft copilot for patient guidance on androgenetic alopecia: A blinded expert panel comparison
Frieda Anastopulos, USA
- E-225** Clinician perceptions of AI-generated responses to hair loss questions
Jasmine Monge, USA
- E-226** Standardized application of skin imaging in the diagnosis and treatment of hair diseases
Gengchen Zhang, China
- E-227** DECODING DIFFICULT ALOPECIAS - lessons from the trichoscope
Prajwal Srivatsa Kadaba Ramaprasad, India
- E-228** The pitfalls of artificial intelligence in the visual diagnosis of hair loss
Tanya Boghosian, USA
- E-229** Trichoscopy as a clinical game changer in pediatric hair loss: A case series
Darshan Jain, India
- E-230** Ultraviolet-induced fluorecence dermoscopy in detecting follicular openings in alopecia areata
Xiaofan Jin, China
- E-231** Iron deficiency anemia-induced hair shaft disorder: A rare case report
Sai Yang, China
- E-232** Artificial intelligence and alopecia
Divya Sharma, Israel
- E-233** Clinical and imaging features of dorsal trichostasis spinulosa
Hui Wang, China
- E-234** Artificial intelligence applied to trichoscopic images: Can it improve diagnosis of hair and scalp disease?
Nihull Jakharia-Shah, UK
- E-235** Follicular unit-mapped reterminalization of intermediate-calibre hairs in female AGA over 7 years with ALRV5XR
Peter R Feldman, UK
- E-236** *Withdrawn*
- E-237** Early phototrichogram changes as indicators of topical Minoxidil responsiveness: A case-based analysis
Ekaterina Karpushina, Russia
- E-238** Method for determining the grey hair content of a subject in a clinical study
Paul J Cunningham, UK
- E-239** *Withdrawn*
- E-240** Offline-first trichoscopy triage improves diagnostic equity through age-stratified lesion severity, image quality degradation, and referral delay reduction in low-bandwidth island clinics
Mirza Aulia Rahmawati, Indonesia
- E-241** The third eye: Trichoscopy as a diagnostic tool for atypical patterned trichotillomania
Mouline Lina, Morocco
- E-242** Improving SALT scoring accuracy in medical students and dermatology residents through computer-based drawing training (DemSALT trainer)
Won Seob Lee, Korea
- E-243** Three cases of trichotemnomania
Wenxin Zhang, China

- E-244** When trichoscopy sheds light on the diagnosis of acrodermatitis enteropathica
Anissa Zaouak, Tunisia

Energy-based devices and instrumental devices

- E-245** Comparison of transection rate of FUE by robotic hair restoration system and freehand
HANXIAO CHENG, China
- E-246** Combining low-level laser therapy and microneedling-assisted Minoxidil for androgenetic alopecia
Yonglong Xu, China
- E-247** Scoping review on the use of photobiomodulation with blue and green light for the treatment of alopecia areata and androgenetic alopecia
Rewan M. Abdelwahab, USA
- E-248** Application of deep ultraviolet combined with complex acids in androgenic alopecia
Ouyang Qian, China
- E-249** Evaluation of a 1565-nm non-ablative fractional laser with Minoxidil for hair density improvement in androgenetic alopecia: A pilot prospective study
Michelle Kahn, USA
- E-250** Application of deep ultraviolet combined with complex acids in hair loss
Jun Xie, China
- E-251** Efficacy and safety of a 655-Nanometer vortex laser for treating androgenetic alopecia: A split-scalp controlled study
Fu Siqi, China
- E-252** Defining treatment response, timing of improvement, and optimal protocols for 308-nm excimer laser therapy in scarring alopecia: A pilot investigation
Archie Spindler, USA
- E-253** Energy-based device utilization and electricity reliability compartments determine cost-utility and budget impact of laser dermatology versus essential care packages in public hospitals
Mirza Aulia Rahmawati, Indonesia

Genetics and pediatric trichology

- E-254** Managing alopecia in trichothiodystrophy with Janus kinase inhibitors: A case report
Chen Jing, China
- E-255** Evaluation of LncRNA NEAT1 and miR-101 expression as potential diagnostic biomarkers in alopecia areata
Randa Erfan, Egypt
- E-256** Evaluation of serum IL-17, IL-21, IL-6, and TNF- α levels in patchy alopecia areata and their association with disease severity
Randa Erfan, Egypt
- E-257** Pili annulati in a mother and daughter: Quantified fragility, age-related phenotype, and coexisting ophiasis alopecia areata
Yonglong Xu, China
- E-258** Dual gene variants in LSS and TSPEAR associated with congenital hypotrichosis and ectodermal dysplasia: A case report
Yonglong Xu, China
- E-259** Sublingual Minoxidil as a novel treatment for ectodermal dysplasia-associated hypotrichosis
Holly FitzGerald, Australia

- E-260** Severe ichthyosis follicularis, alopecia, and photophobia (IFAP) type 2 due to SREBF1 p.R527C mutation with recurrent alopecia
Jee Yoon Park, Korea
- E-261** Significant hair regrowth with 5% topical Minoxidil in a child with marie unna hereditary hypotrichosis caused by a recurrent HRURF variant
Jin-Yuan Ma, China
- E-262** Clinical characteristics and genetic analysis of a chinese family with marie unna hereditary hypotrichosis
He Rui, China
- E-263** *Withdrawn*
- E-264** A case report about oral-facial-digital syndrome type 1
ying luo, China
- E-265** A novel homozygous HOXC13 variant in a case of ectodermal dysplasia
Jin-Yuan Ma, China
- E-266** Analysis of gene mutation in a chinese pedigree affected with hypotrichosis, congenital, with juvenile macular dystrophy
Wenhan Zhang, China
- E-267** Two cases of autosomal recessive hypotrichosis type 6 caused by DSG4
Can Cui, China
- E-268** Tofacitinib combined with Minoxidil therapy for bjornstad syndrome caused by novel BCS1L gene pathogenic variants
Guoyan Liu, China
- E-269** Association of alopecia areata with autoimmune diseases: A bidirectional two-sample Mendelian randomization study
Shi Hanya, China
- E-270** A novel TRPV3 mutation causing unique phenotype of isolated congenital woolly hair: A case report
Zhang Shiwen, China
- E-271** Clinical and genetic analysis in four chinese families with woolly hair
Cong YU, China
- E-272** Aplasia cutis congenita as an early cutaneous marker of trisomy thirteen
Pedro Barbosa, Argentina
- E-273** Pili torti in monozygotic twins: Effective hair density improvement with persistent hair shaft abnormality
Doghozashvili Maka, Georgia
- E-274** *Withdrawn*
- E-275** A novel homozygous HOXC13 variant in a case of pure hair and nail ectodermal dysplasia
Jin-Yuan Ma, China
- E-276** Alopecia patterns and trichoscopic findings in darier disease: A prospective case series
Anissa Zaouak, Tunisia
- E-277** Trichoscopy as a diagnostic clue in tricho-entero-hepatic syndrome: A pediatric case report
Anissa Zaouak, Tunisia
- E-278** Two cases of trichorhinophalangeal syndrome
Wenxin Zhang, China
- E-279** Four cases in ichthyosis follicularis, alopecia, and photophobia syndrome
Keying Li, China

- E-280** ISOLATED PATCHY HETEROCHROMIA, clinical case
Liubov Mukomela, Ukraine
- E-281** Trichoscopy as a key diagnostic tool in griscelli syndrome
Anissa Zaouak, Tunisia

Hair conditions in oncologic diseases

- E-282** Persistent pediatric alopecia after cranial radiotherapy: A case report and literature review
Sirui Chen, China
- E-283** Folliculotropic mycosis fungoides in young males: Diagnostic hair signs and therapeutic response from a three-case retrospective series
Qingrong Ni, China
- E-284** Hair loss after hematopoietic stem cell transplantation and chemotherapy in patients with hematologic disorders: A clinicopathologic case series
Masaki Uchiyama, Japan
- E-285** Financial burdens of chemotherapy-induced alopecia in breast cancer patients
Juwon Lee, USA
- E-286** *Withdrawn*
- E-287** Ginsenoside Rb1 modulates the IFN- α/γ pathway to alleviate chemotherapy-induced alopecia
Xi Wang, China
- E-288** Single-cell transcriptomic analysis reveals the mechanisms of cyclophosphamide-induced alopecia in mice
Xi Wang, China
- E-289** A case of irregular scalp alopecia: A diagnosis correlated with NF gene mutation
Jin-Yuan Ma, China
- E-290** Chemotherapy-induced alopecia severity and disclosure avoidance compartments quantify psychosocial disability and household financial strain using WHO and world bank health expenditure indicators
Naura Auny, Indonesia
- E-291** *Withdrawn*
- E-292** Cyclosporine-induced hypertrichosis in pediatric hematopoietic stem cell transplant recipients: A prospective longitudinal study
Mouline Lina, Morocco

Hair cosmeceuticals and scalp care

- E-293** Evaluation of topical estradiols for hair loss: A scoping review
Rewan M Abdelwahab, USA
- E-294** *Withdrawn*
- E-295** Dual effect of ginger: Anagen prolongation and senolytic-like activity against hair follicle aging
Sabine Gruedl, Germany
- E-296** Molecular and cellular insights into hair cosmeceuticals and scalp care: A basic research approach
Majid Amini Khorasgani, Iran
- E-297** Development and clinical efficacy of multi-targeted anti-hair loss agents using AI based new drug research platform
Sanghwa Lee, Korea

- E-298** What qualifies as a heat protectant? A narrative review of thermal defense in human hair
Rachel Greene, USA
- E-299** Moroccan hair deserves better: A step toward culturally inclusive hair care
Mouline Lina, Morocco
- E-300** Clinical evaluation of natural sophora flavescens root extract for hair loss relief
JONGBAE SEONG, Korea
- E-301** Clinical evaluation of a scalp care serum for improving hair density and scalp health in female pattern hair loss
Yonglong Xu, China
- E-302** A space-derived microbiome active showing keratinase function and SHH-Mediated hair follicle morphogenesis
HAEUN LEE, Korea
- E-303** Discovery of polyphenol-stabilized gray hair coverage formula
HAERAN KANG, Korea
- E-304** The effectiveness of high-functional scalp ampoule in improving scalp health: A comparative study with conventional formulations
BOEUN KIM, Korea
- E-305** Quantitative evaluation of hair damage and bond restoration via free thiol measurement using ellman's reagent assay
Kyung Min Ryu, Korea
- E-306** Efficacy and safety of compound acid therapy in adult patients with seborrheic dermatitis and androgenetic alopecia: A multicenter, prospective, self-controlled trial
Gengchen Zhang, China
- E-307** Efficacy and safety of fullerene in improving scalp health and hair growth in male patients with androgenetic alopecia
Ying Xie, China
- E-308** Interest of an anti-hair loss serum containing silybum marianum extract, manganese PCA, and a lespedeza capitata extract in the management of chronic hair loss: An international real-world study
Valérie Mengeaud, France
- E-309** Interest of an anti-hair loss serum containing silybum marianum extract (SME), manganese PCA (MnPCA), and a lespedeza capitata extract (LCE) in the management of chronic hair loss: A real-life study in south Korea
Valérie Mengeaud, France
- E-310** A multi-mechanism quasi-drug for female androgenetic alopecia: Preclinical and clinical studies
Xianting Lin, Japan
- E-311** Radiofrequency therapy for improving scalp aging
Xie wanyu, China
- E-312** The microscopic impact of relaxers on african american hair
Dana Hutchison, USA
- E-313** Light and scanning electron microscopy for early detection of traction alopecia in black women
Dana Hutchison, USA
- E-314** The efficacy of traditional herbal remedy of usma in treating male pattern hair loss: A randomized self-controlled study
Shu Zhang, China

- E-315** Scoping review of eyebrow hypotrichosis and topical Minoxidil
Rewan M Abdelwahab, USA
- E-316** The emerging role of prostaglandin treatment for eyebrow hypotrichosis: A scoping review
Rewan M Abdelwahab, USA
- E-317** Effects of salon chemical treatments on the human scalp: Human clinical and in-vitro insights
Rachael Williams, USA
- E-318** Oxidative damage impairs hair greying and thinning: Measurements on ex vivo follicle models
Fernanda Malanconi Thomaz, Brazil
- E-319** Combating environmental oxidative stress: A novel antioxidant complex for preventive hair and scalp care
Fernanda Malanconi Thomaz, Brazil
- E-320** Fresh prunus speciosa flower extract for sensitive scalp and hair loss: Mechanistic and clinical evaluation
Li Ye, China
- E-321** Comparative clinical efficacy of different acid formulations in the treatment of scalp seborrheic dermatitis
Yuting Chen, China
- E-322** Soothing scalp inflammation and strengthening the barrier with hamamelis virginiana extract: A comprehensive approach to scalp health
Emeline de Ruffray, Germany
- E-323** A study on the hair loss-alleviating effects of L-THP
HanYoung Kim, Korea
- E-324** Tribological properties of oxidatively damaged hair treated with hydrolysed proteins
Gabriela Daniels, UK
- E-325** Oil-based treatments for coily hair manageability and health
Gabriela Daniels, UK
- E-326** Study on differences in aging phenotypes of scalp, hair, and face in chinese women of multiple ages
Weiyun Ding, China
- E-327** Polymorphism of SeS2 and its performance in shampoo applications
Mei Chen, China
- E-328** AI-Driven innovation of polycepton: A multi-target small molecule for anti-hair loss
Kelsey Ng, Hong Kong
- E-329** AI-Driven discovery and mechanistic evaluation of cyclofuse: A novel small molecule for anti-hair-loss applications
Kelsey Ng, Hong Kong
- E-330** Real-world outcomes of a Selenium disulfide-based regimen in dandruff and seborrheic dermatitis: A multicentric observational study
Ameshin Moodley, South Africa
- E-331** Mechanistic insights into the anti-hair loss effects of black ginseng concentrate
Jung Un Shin, Korea
- E-332** Development of an anti-dandruff and scalp barrier-improving shampoo formulation for seborrheic scalp care
Sunghwa Kim, Korea
- E-333** A technology for enabling ca chelation by aspartic acid at neutral ph
Sang-Hun Song, Korea

E-334 Enhancing sebum cleansing in hard water through a ca ion-interfering surfactant system
Jung-Eun Bae, Korea

E-335 Myristoleic acid facilitates the recovery of particulate matter-induced hair loss by activating anagen signaling
Youn Kyung Choi, Korea

E-336 Abnormal lab values in 100 consecutive hair loss patients
Theodore Austin Daly, USA

E-337 Regulatory gaps in unlicensed hair tonic markets quantified by misinformation penetration, therapeutic misrepresentation, and measurable consumer harm across low and middle income countries
Novita Sari, Indonesia

E-338 Scalp-isolated L. plantarum CGMCC35557: A holistic scalp health solution
Yuanyuan Fang, China

E-339 Research progress of aromatherapy for alopecia
Fangjia You, China

E-340 Ashwagandha-associated hepatotoxicity: Implications for dermatologic practice
Cristiano Mesinkovski, USA

E-341 Efficacy and safety of siRNA-based nanoparticle treatment (cosmerna) for androgenic alopecia: A clinical follow-up study
YoungJin Park, Korea

E-342 Effectiveness of TCM washing therapy as adjuvant to basic treatments for androgenetic alopecia: A retrospective study
Chunlin Jin, China

Hair follicle stem cell & niche

E-343 Mesenchymal stem cell-based therapeutic approaches for promoting hair growth: Mechanisms and clinical potential
Lim Fui Ping, Singapore

E-344 TET2 contributes to sleep deficiency-induced hair growth inhibition
Dan Wang, China

E-345 Elucidation of the pathogenesis of ectodermal dysplasia caused by TP63 gene variants
Yamato Daa, Japan

E-346 PPIL2 promotes hair follicle stem cell activation via ubiquitinating PRDX3 in androgenetic alopecia
ZHANG FAN, China

E-347 Salvianolic acid B reduces oxidative stress to promote hair-growth in mice, human hair follicles and dermal papilla cells
Traidit Thianthanyakij, China

E-348 Severe alopecia stigma burden compartments shift cost-effectiveness of regenerative hair restoration versus psycho-oncology support using utility mapping and public procurement prices
Novita Sari, Indonesia

E-349 mTORC1 drives dermal papilla cell reprogramming for hair growth initiation
Jiayun Li, China

E-350 Mathematical digital twin modeling of chemotherapy-driven DNA damage thresholds causing irreversible hair follicle stem cell exhaustion
Prihantini, Indonesia

E-351 Stem cell dynamics in human hair follicle development
Elias Farr, UK

Hair greying and pigmentation

E-352 Upper hair follicle transplantation combined with 308 nm excimer laser for refractory vitiligo: A promising therapeutic approach
Yi Wu, China

E-353 Dynamic changes of pigment halo and hair diameter after follicular unit extraction (FUE) for vitiligo treatment
Hao Luo, China

E-354 From intelligence to villainy: Portrayal of poliosis in children's animated films
Derek Maas, USA

E-355 Fluoxetine reverses the decrease in melanin production in hair follicles in vivo
Dai Yeqin, China

E-356 Hair repigmentation: A scoping review of pharmacologic and non-pharmacologic triggers and proposed mechanisms
Rewan M Abdelwahab, USA

E-357 A clinical study on the efficacy of complex acid combined with microneedling in the treatment of premature grey hair
Jiaying Guo, China

E-358 Characterization of a case of transient gray hair associated with coronavirus disease 2019: Clinical, trichoscopic and ultrastructural observation
Meijiao Du, China

E-359 Evidence of melanogenesis for grey hair reversal using bioactive compounds in vitro
Ranjit Bhogal, UK

E-360 Single-cell transcriptomics reveals increased hair follicle stem cells sourced ID1-FGF18 contributing to hair graying
Xinyi Lv, China

E-361 Recurrent localized repigmentation of age-related hair greying
Zixuan He, China

E-362 Fifty shades of grey-the sirolimus effect
Ameshin Moodley, South Africa

E-363 Targeting canities: Preclinical evaluation of 2,3,5,4'-tetrahydroxystilbene 2-O-β-D-glucoside efficacy on melanin production in a culture of human melanocytes compared to greyverse
Valeriia Buzova, Switzerland

E-364 *Withdrawn*

E-365 A novel polyphenol complex based on tannic, rosmarinic, and chlorogenic acids for enhancing hair color intensity and softness
Valeriia Buzova, Switzerland

Hair restoration surgery

E-366 The art and science of scalp micropigmentation: Applying foundational artistic principles to improve clinical outcomes
Qinsi Liu, China

E-367 Complications during & post hair transplantation
Bessam Farjo, UK

E-368 Unusual post hair transplant complication
Bessam Farjo, UK

E-369 Long-term efficacy of follicular unit transplantation for eyebrow reconstruction in patients with ectodermal dysplasia: An 8-Year follow-up study
Zhu fei, China

E-370 Willingness to pay for hair transplantation and its determinants in male patients with androgenetic alopecia: A cross sectional study
Tong Zhang, China

E-371 A clinical consideration of optimal graft density for satisfactory hair transplantation outcomes
Daewoo Kim, Korea

E-372 Successful follicular unit extraction in long-standing traction alopecia mimicking ophiasis pattern: A case report
Diana Papaskiri, Georgia

E-373 The application of follicular unit excision in patients with congenital triangular alopecia
Dingyue Ju, China

E-374 Complications of inadequate postoperative scalp care after FUE hair transplantation
Mariia Babushkina, Russia

E-375 Intervening empty follicles with peri follicular prominence, as early “prescarring” markers of hair loss and predictive value in hair transplant longevity
Smriti Shrestha, Nepal

Hormone metabolism and pattern hair loss

E-376 Plateau in efficacy of low-dose oral Minoxidil for scarring and non-scarring alopecias over a two-year period: A retrospective cohort study
Marc Hill, USA

E-377 Management of sexual side effects associated with oral Finasteride treatment in men with male pattern hair loss
Daniella Kushnir-Grinbaum, Israel

E-378 *Withdrawn*

E-379 The gray area of pattern hair loss and FAPD: A diagnostic dilemma
Xufeng Du, China

E-380 A prospective, observational study comparing 5% Minoxidil monotherapy, redensyl-capixyl-procapil (RCP) monotherapy, and combination therapy of RCP and Minoxidil in androgenetic alopecia in adult males
Elisha Shrestha, Nepal

E-381 Exploring the mechanism of zhi-tuo-zhuo-fa decoction regulating PI3k/AKT signaling pathway therapy for androgenetic alopecia based on network pharmacology and in vivo experiments
Xun Zhou, China

E-382 Clinical and pathological features of diffuse unpatterned alopecia: A gender-comparative case series
Yonglong Xu, China

E-383 Research progress on active ingredients of traditional chinese medicine in the treatment of androgenetic alopecia and its mechanisms
Pu Wang, China

E-384 Acupoint catgut embedding plus 5% Minoxidil for male androgenetic alopecia: A double-blind, randomized, sham-controlled trial
Yonglong Xu, China

E-385 Human umbilical cord mesenchymal stem cell membrane ameliorates androgenetic alopecia via regulation of STAB1 and modulation of the skin-gut microbiota-metabolite axis
Liying Wang, China

E-386 Human umbilical cord mesenchymal stem cell membrane-mediated delivery of rare ginsenoside Rk1 ameliorates androgenetic alopecia via regulation of the IRS1-STAT3 pathway and modulation of the skin-gut microbiota-metabolite axis
Xianhua Jin, China

E-387 Efficacy and safety of 0.5% KX-826 tincture combined with 5% Minoxidil tincture in the treatment of male androgenetic alopecia: A 24-Week open-label clinical study
Wang You-yu, China

E-388 Efficacy and safety of 5% Minoxidil foam combined with scalp microneedling for female androgenetic alopecia: A prospective single-arm study
WANG You-yu, China

E-389 Ferulic acid promotes hair growth via estrogen receptor alpha activation in cultured human dermal papilla cells
Heena Rim, Korea

E-390 Assessing cardiovascular side effects of oral Minoxidil in systemic sclerosis, dermatomyositis, mixed connective tissue disease, and undifferentiated connective tissue disease
Isabella Zappi, USA

E-391 Barriers in the feed: Social media perspectives on Minoxidil hesitancy
Isabella Zappi, USA

E-392 The central role of fibroblasts in androgenic alopecia
Shanshan Yu, China

E-393 Current status of research on self-management after non-surgical treatment of androgenic alopecia in patients with androgenetic alopecia
Liu Shichang, China

E-394 Comparative effectiveness of four systemic therapies on hair density recovery across scalp regions: A 6-Month prospective analysis
Luis Enrique Sanchez Dueñas, Mexico

E-395 Effectiveness and safety of topical Finasteride for male androgenetic alopecia: Real-world data
Bianca Maria Piraccini, Italy

E-396 Safety of oral Minoxidil in patients with allergic contact dermatitis to topical Minoxidil
Francesca Pampaloni, Italy

E-397 Is androgenetic alopecia a lifestyle disease?
Li-ping Liu, China

E-398 When microneedling backfires: A hidden risk of hair shaft fragility in androgenetic alopecia patients
Wen Xu, China

E-399 Evidence-based timeline of temporary hair shedding induced by topical Minoxidil in patients with androgenetic alopecia
Yujing Zhang, China

E-400 Pattern hair loss:is it the time to punch biopsy or not?
Li Zhongming, China

- E-401** Safety and efficacy of double-dose Dutasteride (1 Mg/day) in men with androgenetic alopecia: A case series
Pedro José Fernández Esparcia, Spain
- E-402** ACOD1 deficiency promotes androgenetic alopecia via mitochondrial dysfunction-induced senescence of dermal papilla cells
Zhao Min, China
- E-403** miR-138-5p regulates androgenetic alopecia via the FOXC1/SFRP1/Wnt/ β -Catenin axis
Fan Weixin, China
- E-404** Integrated multi-omics analysis reveals dysregulated lipid metabolism as a novel mechanism in androgenetic alopecia
Xiaoshuang Yang, China
- E-405** *Withdrawn*
- E-406** Causes of poor efficacy in the treatment of female pattern hair loss and corresponding countermeasures
Haoyu Li, China
- E-407** Investigating the therapeutic effects and molecular mechanisms of γ -Glutamylcysteine in androgenetic alopecia
Yangyang Tian, China
- E-408** Determination of serum biotin levels in patients with androgenetic alopecia (AGA) and their comparison with levels in healthy controls: An analytical cross-sectional study in a tertiary government hospital in the Philippines
Maria Franchesca S. Quinio-Calayag, Philippines
- E-409** Age of onset defines distinct biological subtypes of androgenetic alopecia
Simonetta I. Gaumond MS, USA
- E-410** 2D:4D digit ratio predicts androgenetic alopecia severity in men: A 240-Patient study combining prenatal androgen marker and age
Ching-Ying Wu, Kaohsiung
- E-411** Considerations in the use of oral Minoxidil for androgenetic alopecia and hypertension
Suyin Ong, Singapore

Injectable therapies (ex. PRP, exosomes)

- E-412** Comparative study on the clinical efficacy of injectable platelet-rich fibrin and concentrated growth factor in male androgenetic alopecia
Yutong Xie, China
- E-413** Regimen of poly-L-lactic acid injections via electronic microneedles for skin rejuvenation in photoaged skin
Jingting Zhao, China
- E-414** Hyaluronic acid injection-related alopecia: A case report and literature review
Sirui Chen, China
- E-415** Clinical efficacy and safety of botulinum toxin type A in the treatment of androgenetic alopecia
CHEN Yuxun, China
- E-416** Multifunctional hydrogels loaded with Minoxidil liposomes for alopecia
Na Ni, China
- E-417** Regenerative therapy with concentrated growth factors for scalp lupus erythematosus panniculitis: A case report
Zang Rui, China

- E-418** Mesotherapy for androgenetic alopecia: A systematic review
Tanya Boghosian, USA
- E-419** Evaluation of the efficacy of injectable platelet-rich fibrin (i-PRF) in the treatment of androgenetic alopecia
Jun Xie, China
- E-420** Umbilical cord blood platelet-rich plasma treatment for androgenetic alopecia: From mechanism to clinical application
Yuanjing Zhang, China
- E-421** Clinical efficacy and adherence of multi-modal combination therapy versus first-line pharmacotherapy monotherapy in moderate-to-severe androgenetic alopecia
Fang Zhou, China
- E-422** A safe and effective minimally invasive alternative for male pattern hair loss patients with contraindications for hair transplant
Joshua Chong, Singapore
- E-423** TREATMENT OF ANDROGENETIC ALOPECIA AND MENOPAUSAL HAIR THINNING WITH AUTOLOGOUS EXOSOMES: A CASE SERIES OF MORE THAN 300 PATIENTS
Ana Lucia Junqueira, Brazil
- E-424** Characterization of exosome-like particles isolated from rose (rosa damascene) callus culture and their effects on human skin / hair
Byong Seung Cho, Korea
- E-425** Quantitative proteomic and functional comparison of ASC-Exosome from three GMP-Grade MSC donors - possibility of preventing hair loss through the anti-inflammatory role of membrane proteins
Byong Seung Cho, Korea
- E-426** Consistent functional properties of ASC-Exosomes from different batches revealed by comparative multi-omics, bioinformatics and functional tests
Byong Seung Cho, Korea
- E-427** Global trends and research hotspots of autologous platelet concentrate for alopecia: A bibliometric and visualization analysis from 2008 to 2025
Yurong Li, China
- E-428** *Withdrawn*
- E-429** *Withdrawn*

- E-430** Efficacy and safety evaluation of injectable platelet-rich fibrin in the treatment of female pattern hair loss
Haiyan Gao, China
- E-431** Efficacy of plant-derived exocomes: A clinical case series
Anastasia Mareeva, Russia
- E-432** miRNAs' milk-derived exosomes activate pro-regenerative WNT signaling in human hair follicles: A novel therapeutic approach for androgenetic alopecia and telogen effluvium
Daniela Pinto, Italy
- E-433** Plant-derived exosomes for androgenetic alopecia: A case series treated with MMP® microinfusion technique
Marina de Souza Barletta, Brazil
- E-434** Autologous tissue micrografting as regenerative monotherapy for female androgenetic alopecia in women planning pregnancy: A case series
Marina Barletta, Brazil

- E-435** A clinical study on the efficacy of complex hyaluronic acid injection for hair regrowth in androgenetic alopecia
Yunde Deng, China
- E-436** Effects of human hair outer root sheath cell- and human bone marrow mesenchymal stem cell-derived exosomes on human hair follicle stem cells
Jianglin Zhanga, China

Microbiome analysis

- E-437** Scalp microbiome dysbiosis in seborrheic dermatitis: Evidence and implications for ASEAN populations
Lim Fui Ping, Singapore
- E-438** The efficacy of compound acids and ketoconazole treatment for scalp seborrheic dermatitis and the alterations of microbiome: A prospective cohort study
Jinghan Yuan, China
- E-439** Sex-related differences in the scalp microbiome among individuals with dandruff in xi'an, china
Yingying Pi, China
- E-440** A targeted shampoo approach to reduce scalp oiliness and modulate the microbiome in southeast asian populations
Xiaowei Chang, China
- E-441** Investigation into the microbial characteristics associated with scalp seborrheic dermatitis and exploration of underlying pathogenic mechanisms running title: Attributes of microbial colonies associated with scalp seborrheic dermatitis
Fan Zhang, China
- E-442** The role of gut microbiota and their metabolites in alopecia areata and in the treatment of severe alopecia areata with JAK inhibitors
Adila Atawula, China
- E-443** *Withdrawn*
- E-444** Microbial profile of hair roots in alopecia areata and androgenetic alopecia patients using 2bRAD-M: A case-control study
Qiuyun She, China

Microenvironments of hair follicle (ex. nervous, adipose tissue)

- E-445** Combination of Adenosine and L-carnitine L-tartrate enhances dermal papilla cell activity by accelerating cell cycle progression
Zhongwang Liu, China
- E-446** Cellular mechanisms of infundibulum dysfunction in female pattern hair loss
Qi Chen, China
- E-447** A microenvironment-responsive Fe-EGCG@OP hydrogel for the treatment of androgenetic alopecia and investigation of its mechanisms
Wenun He, China
- E-448** *Withdrawn*
- Organoids, hair regeneration and tissue engineering**
- E-449** Recombinant human thrombomodulin derivatives promote hair growth by enhancing dermal papilla cell survival and activating β -Catenin and VEGF signaling pathways
Chien-Chen Lin, Taipei

- E-450** In vitro model for evaluating hair regenerative potential based on the number of hair regenerations
Yuki Migita, Japan
- E-451** Engineered exosomes co-delivering EGF and FGF for the treatment of androgenetic alopecia
Xiaofeng Ding, China
- E-452** Narirutin mitigates androgenetic alopecia via TRPV4-Mediated TFEB activation of ORSK autophagy
Hongyan Zhang, China
- E-453** Exploring the role and mechanisms of S100A9 in wound-induced hair regeneration
Dongfan Wei, China
- E-454** Bioinformatics-guided compartmental wiring maps quantify dermal papilla inductivity and establish aging-aware design principles for human hair organoid regeneration via epithelial-mesenchymal cross-talk analysis framework
Rifaldy Fajar, Indonesia

Psychosocial aspects of hair disorders and measurement

- E-455** Shaving combined with psychological intervention: A simple and feasible treatment approach for trichotillomania
Yanhua Li, China
- E-456** The hidden mental toll of hair loss
Bessam Farjo, UK
- E-457** Global landscape of cranial prosthesis policy for medical hair loss: A scoping narrative review
Angela Anaeme, USA
- E-458** Efficacy of Dupilumab in trichotillomania patients presenting with pruritus: A preliminary report
Jinran Lin, China
- E-459** Alopecia in children's animated films: Characterization, stereotypes, and implications for youth perception
Carli Needle Lawrence, USA
- E-460** Accumulation effluvium: Clinical and trichoscopic features of a novel psychotrichological disorder
Sofia Ovcharenko, Ukraine
- E-461** Scalp hair loss spending crossing catastrophic thresholds reshapes intergenerational nutrition and poverty trajectories in rural households through panel-based microsimulation across low-resource regions
Rani Sulvianuri, Indonesia
- E-462** Cluster-randomized community advocate support improves treatment persistence and depressive symptoms in adolescents with alopecia measured by PHQ-A and pharmacy refill trajectories
Fala Abdillah, Indonesia
- E-463** Measuring the cost of silence in alopecia through cross-cultural psychometrics of stigma internalization, family gatekeeping intensity, and downstream care avoidance
Fala Abdillah, Indonesia
- E-464** Pricing first-line alopecia areata therapies against community mental health utilization reveals budgetary trade-offs driven by relapse cycles and adverse event persistence
Naura Auny, Indonesia
- E-465** *Withdrawn*

- E-466** Multi-factorial determinants of hair loss severity and progression in menopausal women: A large-scale analysis of 187,016 cases
Yoram Harth, USA
- E-467** Hypnotherapy for hair loss treatment
Michael Ryan, United Arab Emirates
- E-468** The burden of alopecia areata in the east asia-pacific region from 1990 to 2023 with projections to 2038
Yichuan Li, China

Scalp disease/other hair loss disease

- E-469** Borderline tuberculoid leprosy with type I reaction presenting with alopecia: A case report
Zixuan He, China
- E-470** A rare case of a pentapartite collision tumor of the skin: Basal cell carcinoma, pilar cyst, sebaceoma, and syringocystadenoma papilliferum arising from a nevus sebaceous
Yun Su Eun, Korea
- E-471** A case of sarcoidosis presenting with scalp and eyebrow cutaneous lesions as the initial clinical manifestation
Xiaoyan Liu, China
- E-472** Development of antimicrobial and antifungal cleansing formulations using lactobacillus acidophilus KMH274 and poly-lysine
YONG WOO KIM, Korea
- E-473** Immunohistochemical and molecular analyzes of trichoblastic pilomatricoma
Takahiro Suda, Japan
- E-474** Post-craniotomy neuropathic pruritus leading to scratching-induced alopecia successfully treated with pregabalin
Ayako Nishigaki, Japan
- E-475** *Withdrawn*
- E-476** Evolution of microbiota and pruritus biomarkers in a clinical study comparing the efficacy of a shampoo to a standard medical care in scalp seborrheic dermatitis
Marguerite LÉVÊQUE, France
- E-477** Mechanism of pimple occurrence in seborrheic dermatitis patients
Sang-Hun Song, Korea
- E-478** Allergenicity of textured hair shampoos across retail environments in the united states: An observational analysis
Kaelynn Workman, USA
- E-479** Hair loss: The role of nutritional support in a comprehensive approach
Spartak F. Kaiumov, Russia
- E-480** Drug-induced alopecia associated with anti-inflammatory and immunomodulatory therapies: A scoping review
Isabella Kamholtz MS, USA
- E-481** Molecular and immunohistochemical evidence of treponema pallidum in syphilitic alopecia
Danielle Cristine Westphal, Brazil
- E-482** Study on the effect of 5% Minoxidil foam on the physical properties of hair in androgenetic alopecia
Wenjie Yan, China
- E-483** Scalp sarcoidosis mimicking inflammatory dermatosis: A case report
Mariia Babushkina, Russia