

World Congress Hair Research

Sitges, Barcelona
April 24th - 27th, 2019

FINAL PROGRAM



www.barcelonahair2019.org

Program at a Glance

	Wednesday 24 th			
09:00	Delivery of documentation			
	Room LLEVANT 1	Room LLEVANT 2	Room BARCELONA	Room LLEVANT 3+4
13:00 15:00	Basic course on diagnosis and treatment of hair disorders	Basic Science Course for Hair Researchers	Pre Course on Epigenetics	Pre Course on Trichoscopy
	Room AUDITORI	Room TRAMUNTANA		
15:30 17:00	Hair Transplantation	Alopecia areata immunobiological and research		
17:00	Coffee break at the Exhibition Area			
17:30 19:00	Alopecia areata clinical	Neogenesis and tissue engineering		
19:00	Opening ceremony			
19:30	Cocktail reception			

	Thursday 25 th			
	Room LLEVANT 4			
06:30 08:00	IFHRS Meeting			
	Room LLEVANT 1	Room LLEVANT 2	Room LLEVANT 3	
08:00 09:00	BREAKFAST SESSION Hair transplant	BREAKFAST SESSION Ethnic hair	BREAKFAST SESSION Scalp dermatosis and Hair loss	
	Room AUDITORI	Room TRAMUNTANA		
09:00 10:30	Cicatricial alopecia (Non FFA)	Auxiliary cells (macrophages melanocytes adipocytes, nerves)		
10:30	KEYNOTE LECTURE Jerry Shapiro			Room BARCELONA
11:00	Coffee break at the Exhibition Area and Posters viewing			EHRS Board Meeting
11:30 13:00	Androgenic Alopecia Research	Hormones, hair growth and FPHL		
	Room TRAMUNTANA			
13:00	PFIZER SIMPOSIUM - with lunch			
	Room AUDITORI	Room TRAMUNTANA		
14:00 15:30	Androgenic Alopecia Clinical and Therapy	Stem cells and stem cell niches		
15:30	Coffee break at the Exhibition Area and Posters discussion on site (ODD numbers)			
16:15 16:45	JAK Inhibitor CTP-543: Interim results from a Phase 2 Trial in Alopecia Areata	How does genomics increase the efficacy of antialopepic treatment?		
16:45 18:15	Trichoscopy and other diagnostic tools	Hair Graying Pigmentation		
18:15 19:00	Telogen Effluvium (FC)	Hair Transplantation (FC)		

Friday 26 th		
	Room GARBÍ	
08:00 09:00	ASK THE EXPERTS	
	Room AUDITORI	Room TRAMUNTANA
08:30 09:00	Micro-grafting in the Management of Androgenetic Alopecia	Scalp Seborrheic Dermatitis and Microbiome: What's New?
09:00 10:30	Pediatric Trichology	Dermal Papilla
10:30	John Ebling LECTURE Valerie Randall	
11:00	Coffee break at the Exhibition Area and Posters viewing	
11:30 13:00	Mechanical (Physical) therapy for hair diseases	Genotrichosis
13:00 14:00	Androgenetic (FC)	Drug Induced Alopecia (FC)
14:00 15:30	Frontal Fibrosing Alopecia	Hair follicle aging
15:30	Coffee break and Posters discussion on site (PAIR numbers)	
16:15 17:45	Psychological aspects of hair disease	Prostaglandins and hair follicle regulation
		EHRs General Meeting
19:45	Gala Dinner	

Saturday 27 th		
	Room GARBÍ	
08:00 09:00	ASK THE INDUSTRY	
	Room AUDITORI	Room TRAMUNTANA
09:00 10:30	Clinical Cases from Eastern Europe	Next generation sequencing approaches
10:30 11:00	KEYNOTE LECTURE Claire Higgins	
11:00	Coffee break at the Exhibition Area and Posters viewing	
11:30 13:00	Hair cosmetics news and views	Histopathology (in memory of David Whiting)
13:00	CLOSING REMARKS. Awards	

WEDNESDAY 24th APRIL, 2019

09.00 OPEN REGISTRATION

PRE-COURSES Registration is required and will be confirmed on a first-come, first served basis. FEE: 50€ per course**13.00-15.00 BASIC COURSE ON DIAGNOSIS AND TREATMENT OF HAIR DISORDERS** (ticket required)

Room LLEVANT 1



Mara Fernanda Gavazzoni



Dominique Van Neste



Dimitrios Ioannides

Chairs *Dimitrios Ioannides, Dominique Van Neste, Maria Fernanda Gavazzoni*

**Interactive Q&A
clinic-dermatoscopy-histopathology
and treatment**

13.00-13.35 **Inflammatory alopecias with scarring**
(LPP, FFA, FAPD, FD, DC, others)
Maria Fernanda Gavazzoni

13.35-14.10 **Non-scarring alopecias** (AGA or MPHL and
concomittant hair loss AA, effluvium, and others)
Dominique Van Neste

14.10-14.45 **Clinical cases** (6 min/each Q&A case)
Dimitrios Ioannides

14.45-15.00 Discussion and Questions

13.00-15.00 BASIC SCIENCE COURSE FOR HAIR RESEARCHERS (ticket required)

Room LLEVANT 2



Desmond Tobin



Tom Dawson



Gill Westgate



Claire Higgins

Chairs *Desmond Tobin, Gill Westgate*

13.00-13.05 Welcome address from the Chairs

13.05-13.30 **Are we any closer to finding the hair follicle (auto)
antigen(s) in alopecia areata**
Desmond Tobin

13.30-13.55 **Maintaining your mane: Hair shaft production and
synthesis in health and disease**
Tom Dawson

13.55-14.20 **Curly hair; just rooted in biology and genetics?**
Gill Westgate

14.20-14.45 **Lab based approaches for studying hair follicle
development and cycling**
Claire Higgins

14.45-15.00 Discussion and Questions

13.00-15.00 EPIGENETICS (ticket required)

Room BARCELONA



Vladimir Botchkarev



Andrei Mardaryev



Colin Jahoda



Elena Ezhkova



Michael Fessing



Natalia Botchkareva

Chairs *Elena Ezhkova, Vladimir Botchkarev*

- | | |
|-------------|--|
| 13.00-13.05 | Introductory remarks |
| 13.05-13.25 | Epigenetic regulatory mechanisms as a driving force of phenotypic plasticity and evolutionary adaptation
<i>Vladimir Botchkarev</i> |
| 13.25-13.45 | DNA hydroxymethylation and TET enzymes in the control of hair growth
<i>Andrei Mardaryev</i> |
| 13.45-14.05 | Does dermal papilla cell chromatin remodelling in vivo and in vitro reflect a distinctive epigenetic status of these cells
<i>Colin Jahoda</i> |
| 14.05-14.25 | Polycomb genes in the control of hair follicle development and cycling
<i>Elena Ezhkova</i> |
| 14.25-14.40 | The SWI/SNF ATP-dependent chromatin remodeling complex differentially controls keratinocyte proliferation and migration in human anagen hair follicle and healing cutaneous wound
<i>Michael Fessing</i> |
| 14.40-14.55 | MicroRNAs as regulators of hair follicle cycling and immune privilege
<i>Natalia Botchkareva</i> |
| 14.55-15.00 | Concluding remarks |

13.00-15.00 TRICHOSCOPY (ticket required)

Room LLEVANT 3+4



Lidia Rudnicka



Michela Starace



Antonella Tosti



Rodrigo Pirmez



Daniel Asz Sigall



Bianca Maria Piraccini



Adriana Rakowska



Mariusz Sikora

- | | |
|--------------|---|
| Chair | <i>Lidia Rudnicka</i> |
| 13.00-13.10 | Introduction
<i>Lidia Rudnicka</i> |
| 13.10-13.22 | Basic trichoscopy structures
<i>Michela Starace</i> |
| 13.22-13.34 | Trichoscopy of uncommon causes of hair loss in children
<i>Antonella Tosti</i> |
| 13.34-13.46 | Trichoscopy in differential diagnosis of cicatricial alopecia
<i>Rodrigo Pirmez</i> |
| 13.46-13.58 | Trichoscopy in differential diagnosis of patchy alopecia
<i>Daniel Asz Sigall</i> |
| 13.58-14.10 | Trichoscopy in a woman with diffuse hair loss
<i>Bianca Maria Piraccini</i> |
| 14.10-14.22 | Hair loss in the frontal hair line
<i>Adriana Rakowska</i> |
| 14.22-14.34 | Trichoscopy beyond dermatology
<i>Lidia Rudnicka</i> |
| 14.34-14.46 | How to perform a trichoscopy-guided biopsy
<i>Mariusz Sikora</i> |
| 14.46-15.00 | Discussion and Questions |

15.00 END OF COURSES

APRIL

24th

DAY BY DAY PROGRAM

15.30-17.00 HAIR TRANSPLANTATION

Room AUDITORI



Alex Ginzburg



Andreas Finner



Ratchathorn Panchaprateep



Nilofer Farjo

Chairs *Nilofer Farjo, Alex Guinzburg*

- | | |
|-------------|---|
| 15.30-15.45 | FUE in Different Ethnicities
Alex Ginzburg |
| 15.45-16.00 | Linear excision in hair transplantation (FUT): is it still relevant?
Andreas Finner |
| 16.00-16.15 | Hair Transplantation in Females
Ratchathorn Panchaprateep |
| 16.15-16.30 | Difficult cases in hair restoration
Nilofer Farjo |

Free Communications to the topic

- | | |
|-------------|---|
| 16.30-16.40 | Hair transplant in frontal fibrosing alopecia: a multicenter review of 51 patients
S. Vaño-Galván, E. Villodres, R. Pigem, R. Navarro, M. Asín, T. Meyer-González, R. Rodrigues-Barata, OM Moreno-Arrones, D. Saceda-Corralo, P. Bouhanna*, A. Camps
Hair Transplant Clinics from Madrid, Barcelona, Alicante and Malaga (Spain) and Bouhanna Hair Transplant Clinic* Paris (France) |
| 16.40-16.50 | Eyebrow hair transplantation in frontal fibrosing alopecia: does it work?
F. Jimenez, A. Audickaite
Meditekna Dermatology and HT Clinic, Las Palmas de Gran Canaria, Spain |
| 16.50-17.00 | Transplantation of anagen hair follicles promotes remodelling of stretched scars
M. Plotczyk*, G. Williams**, F. Jiménez***, CA. Higgins*
* Department of Bioengineering, Imperial College London, London SW7 2AZ; ** Farjo Hair Institute, London W1G 7LH; *** Meditekna Dermatology and Hair Transplant Clinic, Las Palmas de Gran Canaria. Spain |

15.30-17.00 ALOPECIA AREATA IMMUNOBIOLOGICAL AND RESEARCH

Room TRAMUNTANA



Kevin McElwee



Amos Gilhar



Ralf Paus



Angela M. Christiano



Maria Hordinsky

Chairs *Maria Hordinsky, Angela Christiano*

- | | |
|-------------|--|
| 15.30-15.35 | 3500 years of alopecia areata research
Kevin McElwee |
| 15.35-15.45 | Alopecia areata: a disease with multiple players
Amos Gilhar |
| 15.45-15.55 | Triggers of hair follicle immune privilege collapse in alopecia areata revisited
Ralf Paus |
| 15.55-16.15 | Translational research in alopecia areata: pathways to clinic
Angela M. Christiano |
| 16.15-16.20 | Nerves, neuropeptides and alopecia areata
Maria Hordinsky |
| 16.20-16.30 | Panel discussion |

Free Communications to the topic

- | | |
|-------------|--|
| 16.30-16.40 | Mhc risk haplotype sequencing and allele-specific genome editing by crispr/cas9 system reveal cchcr1 as susceptibility gene for alopecia areata
S. Ikeda (a), A. Takagi (a), E. Komiya (a), N. Yoshihara (a), T. Mabuchi (b), A. Otomo (c), M. Ohtsuka (c), A. Oka (d)
(a) Dermatology, Juntendo University, (b) Dermatology and (c) Molecular Life Sciences and (d) Institute of Medical Sciences, Tokai University, Japan |
| 16.40-16.50 | Alopecia areata is associated with altered frequencies of CD4+ T cells and a systemic inflammatory cytokine signature
K.A. Bain*, E. McDonald*, F. Moffat***, R. Papadopolou*, M. Tutino****, M. Castellino****, A. Barton****, J. Cavanagh*, U.Z. Ijaz*, K. Gerasimidis*, S. Siebert*, I.B. McInnes*, A. Astrand**, S. Holmes***, S.W.F. Milling*
*University of Glasgow, UK; **Respiratory, Inflammation and Autoimmunity IMED Biotech Unit, AstraZeneca, Gothenburg; ***Queen Elizabeth University Hospital, Glasgow, UK; ****University of Manchester. UK |
| 16.50-17.00 | Dysregulation of autophagic flux contributes to Alopecia Areata Etiology
R. Gund, S. Erjavec, A. Christiano
Department of Dermatology, Columbia University, New York. USA |

17.00-17.30 COFFEE BREAK AT THE EXHIBITION AREA

17.30-19.00 ALOPECIA AREATA CLINICAL AND THERAPY

Room AUDITORI



Wilma Bergfeld



Jerry Shapiro



Xingqi Zhang



Elise Olsen

Chairs *Elise Olsen, Jianzhong Zhang*

- | | |
|-------------|--|
| 17.30-17.45 | Long-Term Treatment for Severe Alopecia Areata with Oral Tofacitinib Citrat
<i>Wilma Bergfeld</i> |
| 17.45-18.00 | Platelet Rich Plasma for AA.
<i>Jerry Shapiro</i> |
| 18.00-18.15 | Allergen Desensitization Treatment Decreases Severity of Relapse in Atopic Patients with Alopecia Areata
<i>Xingqi Zhang</i> |
| 18.15-18.30 | New assessment methods in AA.
<i>Elise Olsen</i> |
| 18.30-18.40 | Q & A |

Free Communications to the topic

- | | |
|-------------|---|
| 18.40-18.50 | Development and content validation of clinically meaningful clinician-reported outcome (clinros) measures for eyebrow, eyelash and nail assessment in alopecia areata
<i>K.W. Wyrwich*, H. Kitchen**, S. Knight**, N.V.J. Aldhouse**, J. Macey**, F. Nunes*, Y. Dutronc*, N. Mesinkovska***, J. Ko****, B.A. King*****</i>
<small>*Eli Lilly and Company, Indianapolis, IN, USA; **DRG Abacus, Manchester, UK; ***University of California, Irvine, CA, USA; ****Stanford University, CA, USA; *****Yale School of Medicine, Middlebury, CT, USA</small> |
| 18.50-19.00 | Tofacitinib in combination with oral minoxidil for the treatment of severe alopecia areata
<i>B. King, B. Craiglow, C. Wambier</i>
<small>Department of Dermatology, Yale University School of Medicine, New Haven, CT, USA</small> |

17.30-19.00 NEOGENESIS AND TISSUE ENGINEERING

Room TRAMUNTANA



Sung-Jan Lin



Mayumi Ito



Jiro Kishimoto



Mike Philpott

Chairs *Mike Philpott, Sung-Jan Lin*

- | | |
|-------------|--|
| 17.30-17.50 | Inducing hair follicle neogenesis in vivo with defined protein factors
<i>Sung-Jan Lin</i> |
| 17.50-18.10 | SHH signaling in hair follicle neogenesis in adult skin
<i>Mayumi Ito</i> |
| 18.10-18.30 | Autologous cell-based therapy for hair loss using dermal sheath cup cells- Basic concept and clinical applicatio
<i>Jiro Kishimoto</i> |

Free Communications to the topic

- | | |
|-------------|---|
| 18.30-18.40 | Hair follicle germ formation on oxygen-permeable microwell array chips for hair regenerative medicine
<i>T. Kageyama*, C. Yoshimura**, S. Hirano**, K. Kasai***, J. Fukuda***</i>
<small>*Kanagawa Institute of Industrial Science and Technology (KISTEC), Kawasaki, Japan; **Faculty of Engineering, YOKOHAMA National University, Yokohama, Japan; ***Shonan Beauty Clinic, Tokyo, Japan</small> |
| 18.40-18.50 | The role of extra cellular matrix in inducing in vitro morphogenesis of the follicle-like structures
<i>C. Casale*, G. Imparato*, F. Urciuolo**, P.A. Netti*,**</i>
<small>**Department of Chemical, Materials and Industrial Production, University of Naples Federico II, Naples, Italy. *Center for Advanced Biomaterials for HealthCare@CRIB, Istituto Italiano di Tecnologia, Naples, Italy</small> |
| 18.50-19.00 | Human adult skin stem cells self-organize into hair follicle germ in vitro
<i>E. Kalabusheva, E. Chermnykh, E. Vorotelyak</i>
<small>Koltzov Institute of Developmental Biology, Russian Academy of Sciences, Moscow, Russia</small> |

19.00

OPENING CEREMONY

Room AUDITORI

Francisco Camacho, Juan Ferrando, Ramon Grimalt, Sergio Vañó-Galván
Free entrance to all the registered people

19.30

COCKTAIL RECEPTION AT THE HOTEL MELIA RESTAURANT AREA

- The Melia Hotel is a unique venue, so the cocktail reception is going to be a special event that we will all enjoy. On after the Opening Ceremony we will offer you a Welcome Cocktail Reception at 7.30pm



06.30-08.00 **IFHRS MEETING** (invitation only)

Room LLEVANT 4

BREAKFAST SESSIONS *Registration is required and will be confirmed on a first-come, first basis. FEE: 50€ per session*

08.00-09.00 **BFS1 - HAIR TRANSPLANT**

Room LLEVANT 1



Bessam Farjo



Jeff Epstein



Greg Williams

Speaker *Bessam Farjo*

The role of hairline advancement surgery to treat hair loss
Jeff Epstein

FUE vs Strip FUT - Pros & Cons.
Greg Williams

08.00-09.00 **BFS2 - ETHNIC HAIR**

Room LLEVANT 2



Amy McMichael

Speaker *Amy McMichael*

08.00-09.00 **BFS3 - SCALP DERMATOSES AND HAIR LOSS**

Room LLEVANT 3



Manabu Ohyama



Misaki Kinoshita-Ise



Taisuke Ito



Yutaka Shimomura

Speaker *Manabu Ohyama*

Skin diseases involving the scalp and associated hair loss
Manabu Ohyama

.Trichoscopy in the evaluation of scalp dermatosis and hair loss
Misaki Kinoshita-Ise

.Scalp involvement of atopic disease and alopecia
Taisuke Ito

.Scalp lesions of congenital hair diseases.
Yutaka Shimomura

09.00-10.30 CICATRICAL ALOPECIA (NON FFA)

Room AUDITORI



Mariya Miteva



Ncoza Dlova



Angela Christiano



Matthew Harries

Chairs *Wilma Bergfeld, Andrew Messenger*

- | | |
|-------------|--|
| 09.00-09.15 | Comparative histopathology of inflammatory cicatricial alopecia, traction alopecia and cicatricial marginal alopecia
Mariya Miteva |
| 09.15-09.30 | Update on Central Centrifugal Cicatricial Alopecia
Ncoza Dlova |
| 09.30-09.45 | Genetics and inflammatory markers of cicatricial alopecia
Angela Christiano |
| 09.45-10.00 | Endpoints in clinical trials for cicatricial alopecia
Matthew Harries |

Free Communications to the topic

- | | |
|-------------|--|
| 10.00-10.10 | Immunohistochemistry patterns in cicatricial alopecias
SC García-García, AP García-Herrera*, X. Fustá, J. Ferrando
Dept. of Dermatology & Pathology*. Hospital Clinic. University of Barcelona. Spain |
| 10.10-10.20 | Therapeutic response of triancilonone in Central Centrifugal Cicatricial Alopecia
Tommaso P., Duque Estrada B., Pirmez R., Quintella D., Sodre C., Tanus A.
Hair Center Diseases of Santa Casa da Misericórdia Rio de Janeiro |
| 10.20-10.30 | Ppar-g stimulation with nac-ged-0507-levo protects from cyclophosphamide-induced hair follicle cytotoxicity and bulge stem cell damage
I. Piccini ⁽¹⁾ , J. Chéret ⁽²⁾ , S. Ghatak ⁽¹⁾ , M. Alam ⁽³⁾ , J. Hardman ⁽⁴⁾ , H. Erdmann ⁽⁵⁾ , F. Jimenez ⁽³⁾ , C. Ward ⁽¹⁾ , R. Paus ^(2,4) , M. Bertolini ⁽¹⁾
¹ Monasterium Laboratory, Münster, Germany; ² University of Miami, Miami, USA; ³ Meditekna Skin & Hair Lab, Las Palmas, Spain; ⁴ University of Manchester, Manchester, UK; ⁵ Kosmed Klinik, Hamburg, Germany |

09.00-10.30 AUXILIARY CELLS (macrophages melanocytes adipocytes, nerves)

Room TRAMUNTANA



Carlos Clavel



Etienne Wang



Ya-Chieh Hsu



Mirna Perez-Moreno

Chairs *Carlos Clavel, Etienne Wang*

- | | |
|-------------|---|
| 09.00-09.15 | Change of the hair follicle stem cell fate after inducing senescence
Carlos Clavel |
| 09.15-09.30 | Oncostatin m from a distinct subset of trem2+ macrophages inhibits hair follicle stem cell proliferation during telogen
Etienne Wang |
| 09.30-09.45 | Beyond Goosebumps: Interactions between the hair follicle, the arrector pili muscle, and the sympathetic nerve during development and hair follicle regeneration
Ya-Chieh Hsu |
| 09.45-10.00 | A lymphatic vascular niche contributes to the cyclic activation of adult hair follicle stem cells
Mirna Perez-Moreno |

Free Communications to the topic

- | | |
|-------------|--|
| 10.00-10.10 | Sensory neural networks in the human hair follicle: implications in tactile mechanotransduction
J. Agramunt ⁽¹⁾ , F. Jiménez ⁽²⁾ , A. Kozlov ⁽¹⁾ , C. A. Higgins ⁽¹⁾
¹ Department of Bioengineering, Imperial College London, London, United Kingdom, ² Meditekna Dermatology and Hair Transplant Clinic, Las Palmas de Gran Canaria, Spain |
| 10.10-10.20 | Light stimulation to eyes activates hair follicle stem cells by activating sympathetic nerves via an ipRGC-SCN-sympathetic nervous circuit
SM Y. Fan*, Y-T. Chang**, C-L. Chen*, W-H. Wang*, Z. Xu***, T. Chen***, M.V. Plikus****, S-K. Chen**, S-J. Lin*
*Institute of Biomedical Engineering; **Department of Life Science, National Taiwan University, Taipei, Taiwan; ***National Institute of Biological Sciences, Beijing, China; ****Center for Complex Biological Systems and Department of Developmental and Cell Biology, University of California, Irvine, CA, USA. |
| 10.20-10.30 | Dermal white adipose tissue secretes hepatocyte growth factor to promote human hair follicle growth and pigmentation
C. Nicu ⁽¹⁾ , J. Hardman ⁽¹⁾ , T. Lai ⁽¹⁾ , J. Pople ⁽²⁾ , R. Bhogal ⁽²⁾ , D.M. Ansell ⁽¹⁾ & R. Paus ⁽¹⁾⁽³⁾
¹ Centre for Dermatology Research, University of Manchester, UK; ² Unilever R&D Colworth, Bedford, UK; ³ Dept of Dermatology & Cutaneous Surgery, University of Miami Miller School of Medicine, USA |

10.30

KEYNOTE LECTURE: How to successfully run a hair clinic

Room AUDITORI



Francisco Camacho



Juan Ferrando



Jerry Shapiro

Chairs **Francisco Camacho, Juan Ferrando***Speaker* **Jerry Shapiro**11.00-11.30 **EHRS Board Meeting** (invitation only)

Room BARCELONA

11.00-11.30 **COFFEE BREAK AT THE EXHIBITION AREA AND POSTERS VIEWING**11.30-13.00 **ANDROGENIC ALOPECIA RESEARCH**

Room AUDITORI



Won-Soo Lee



George Cotsarelis



Annika Vogt

Chairs **George Cotsarelis, Annika Vogt**11.30-11.50 **Beyond Androgenetic Alopecia-patient awareness, life quality and comorbidities**
Won-Soo Lee11.50-12.10 **Studying AGA in the lab**
George Cotsarelis12.10-12.30 **Early effects of topical minoxidil 5% foam on gene expression, hair growth and scalp microenvironment in male AGA patients: an explorative clinical study**
Annika Vogt*Free Communications to the topic*12.30-12.40 **Does hair follicular KATP channel gating by minoxidil-and/or mechano-stimulation contribute to hair growth in vivo?**
H. Takada, Y. Osada, T. Hama, T. Koyama, K. Kobayashi, R. Ogawa
Nippon Medical School Graduate School of Medicine, Tokyo, Japan; Angfa Co., Ltd., Tokyo, Japan; Men's Health Clinic Tokyo, Tokyo, Japan12.40-12.50 **Skin stiffness of the scalp is associated with androgenetic alopecia**
CC Yang, KY. Chen
Department of Dermatology, College of Medicine, National Cheng Kung University, Tainan, Taiwan. International Center for Wound Repair and Regeneration, National Cheng Kung University, Tainan, Taiwan12.50-13.00 **Change in hair growth-related gene expression profile in human isolated hair follicles induced by the 5-alpha reductase inhibitors, dutasteride and finasteride, in the presence of testosterone**
T. Hatanaka⁽¹⁾, Z. Lulic⁽²⁾, S. Getsios⁽³⁾, T. Meho⁽⁴⁾, C. Booth⁽⁴⁾, E. Harrison⁽⁴⁾, M. Yamada⁽¹⁾, G. Ong⁽⁵⁾
¹ Medical Division, GlaxoSmithKline (GSK) K.K., Tokyo, Japan; ² Pharma R&D, GSK, London, UK; ³ GSK, PA, USA; ⁴ Epistem Ltd., Manchester, UK; ⁵ Pharma R&D, GSK, Pte Ltd, Singapore11.30-12.40 **HORMONES, HAIR GROWTH AND FPHL**

Room TRAMUNTANA

Chairs **Francisco Camacho, Ulrike Blume-Peytavi**11.30-11.50 **SAHA 2019**
Francisco Camacho11.50-12.10 **Female Pattern Hair Loss 2019**
Ulrike Blume-Peytavi12.10-12.30 **Hirsutism 2019**
Cristina Serrano

Francisco Camacho



Ulrike Blume-Peytavi



Cristina Serrano

*Free Communication to the topic*12.30-12.40 **A new classification of Early Female Pattern Hair Loss**
A. Kaneko*, T. Kaneko**
* Bona Dea Clinic, Japan; ** National centre for child health and development, Japan

APRIL

25th

DAY BY DAY PROGRAM

13.00-14.00 SATELLITE SYMPOSIUM with lunch

Room TRAMUNTANA

A NEW ERA IN ALOPECIA AREATA THERAPY

Sponsored by



- 13.00-13.05 Welcome and introduction
- 13.05-13.25 Exploring the unmet needs in alopecia areata therapy - Wilma Bergfeld
- 13.25-13.45 Rationale for targeting intracellular signaling in alopecia areata - Ralf Paus
- 13.45-13.55 Q&A
- 13.55-14.00 Summary and close

15.00-15.10 ANDROGENIC ALOPECIA CLINICAL AND THERAPY

Room AUDITORI



Rolf Hoffmann



Rod Sinclair



Ramon Grimalt

Chairs Rod Sinclair, Rolf Hoffmann

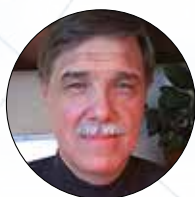
- 14.00-14.05 Introduction to the session
Rolf Hoffmann
- 14.05-14.23 Telogen hair shedding and trichodynia. Underestimated features of female pattern hair loss
Rod Sinclair
- 14.23-14.40 Managing the male patient who fails to respond to, or is intolerant of finasteride
Ramon Grimalt

Free Communications to the topic

- 14.40-14.50 Minoxidil 1 mg orally versus Minoxidil 5% solution topically for treatment of Female Pattern Hair Loss: A Randomized Clinical Trial
P. Ramos¹; R. Sinclair²; M. Kasprzak³; H. Miot¹
¹Departamento de Dermatologia e Radioterapia, UNESP, Botucatu, SP, Brazil; ²Sinclair Dermatology, Melbourne, VIC, Australia; ³TrichoLAB, Bad Birmbach, Germany
- 14.50-15.00 Female pattern hair loss (FPHL): efficacy comparison among various treatment options, an observational cohort study
R. Panchaprateep
Division of Dermatology, Department of Medicine, Faculty of Medicine, Chulalongkorn University, King Chulalongkorn Memorial Hospital, Bangkok, Thailand
- 15.00-15.10 Retinoic acid enhances minoxidil response in androgenetic alopecia patients by up-regulating follicular sulfotransferase enzymes: a cross-sectional study in an indian cohort
A. Sharma, R. Dhurat, A. Goren*, M. Kovacevik**, J. McCoy, S. Agrawal
Lokmanya Tilak Medical College and General Hospital, Mumbai, India** Department of Dermatovenereology, Sestre Milosrdnice University Hospital Centre, Zagreb, Croatia* University of G. Marconi, Rome, Italy
- 15.10-15.20 Phase II study to evaluate efficacy and safety of pyrrolidinyl diaminopyrimidine oxide (pdpo) topical solution for mild to moderate androgenic alopecia
MA Martinez-Velasco, F Tamez-Gutierrez, B Patel
Hospital medica Sur, Mexico City



Sarah Millar



Andrey Panteleyev



Amos Gilhar



Ralf Paus

Chairs *Chairs: Ralf Paus, Sarah Millar*

- 14.00-14.20 Hair follicle stem cells and their niches: Introductory overview from a murine perspective
Sarah Millar
- 14.20-14.40 The secondary hair germ: revisitation of a unique progenitor cell niche
Andrey Panteleyev
- 14.40-15.00 Humanized mouse models for translational stem cell analyses in androgenetic alopecia and chemotherapy-induced alopecia research
Amos Gilhar
- 15.00-15.20 Scarring alopecias as model human stem cell diseases: from immune privilege collapse to epithelial-mesenchymal transition (EMT)
Ralf Paus

Free Communication to the topic

- 15.20-15.30 Mechanical stretch induces hair regeneration through the alternative activation of macrophages
SY Chu, CC Chen, O. K. Lee
National Yang Ming University and Taipei Veterans General Hospital, Taiwan

15.30-16.15 COFFEE BREAK AT THE EXHIBITION AREA AND POSTERS DISCUSSION ON SITE (ODD numbers)

16.15-16.45 **JAK Inhibitor CTP-543: Interim Results from a Phase 2 Trial in Alopecia Areata**

Room AUDITORI

Chief Development Officer, Concert Pharmaceuticals, Inc. - James Cassella

Sponsored by

16.15-16.45 **How does genomics increase the efficacy of antialopecic treatment?**

Room TRAMUNTANA

Speakers - Oscar Muñoz, Mariana Díaz

Sponsored by

16.45-18.15 TRICHOSCOPY AND OTHER DIAGNOSTIC TOOLS

Room AUDITORI



Rodrigo Pirmez



Antonella Tosti



Maria Abril Martinez Velasco



Bianca Maria Piraccini



Lidia Rudnicka



Curtis Thomson



Norma Vazquez



Gabriella Fabbrocini



Daniel Asz Sigall

Chairs Antonella Tosti, Daniel Asz Sigall

16.45-16.52	How to learn trichoscopy Rodrigo Pirmez
16.52-16.59	Trichoscopy: what is important to know Antonella Tosti
16.59-17.06	How to choose the best instrument for your needs? Maria Abril Martinez Velasco
17.06-17.11	Trichoscopy: what's new Bianca Maria Piraccini
17.11-17.18	Trichoscopy: what I foresee for the future Lidia Rudnicka
17.18-17.25	Physiochemical Hair Analysis Identifying Titanium in Frontal Fibrosing Alopecia Curtis Thomson
17.25-17.32	Optical coherence tomography (OCT) in scalp disorders Norma Vazquez
17.32-17.39	Reflectance Confocal Microscopy in Hair Disorders Gabriella Fabbrocini
17.39-17.46	Conclusions and closing remarks Daniel Asz Sigall

Free Communications to the topic

17.45-17.55	Trichoscopic dynamic reflectance microscopy in atrichia with papular lesions Macedo-Perez M*, Asz-Sigall Daniel*, Duran-Mackinster C**, Roldan-Marin R*, Arenas-Guzman R***, Lopez-Ornelas AF*, Franco-Marin AC*, Martinez-Velasco MA* *Clinica Oncodermatología, Universidad Nacional Autónoma de México; **Departamento Dermatología, Instituto Nacional de Pediatría; ***Micología, Hospital General Manuel Gea Gonzalez. México
17.55-18.05	A validated Trichoscopic Activity Scale for Folliculitis Decalvans D. Saceda-Corralo ^(1,4) , OM. Moreno-Arrones ^(1,4) , R. Rodriguez-Barata ^(1,4) , M. Rubio-Lambrana ⁽²⁾ , J.F. Bonafé-Mir ⁽³⁾ , C. Morales-Raya ⁽⁴⁾ , Á. Hermosa-Gelbard ⁽¹⁾ , S. Vaño-Galván ^(1,4) ¹ Ramón y Cajal University Hospital, Madrid, Spain; ² Mendaro Hospital, Guipuzcoa, Spain; ³ Santa Creu i Sant Pau University Hospital, Barcelona, Spain; ⁴ Grupo de Dermatología Pedro Jaén, Madrid. Spain
18.05-18.15	Psoriasiform eczema-like and hair loss in women undergoing straighten hair: clinical and dermoscopic findings of 13 cases LE Sanchez-Dueñas*, A Ruiz-Dueñas**, E Guevara-Gutierrez**, JA Tlacuilo-Parra*** *Centro de Restauración Capilar-Dermika Centro Dermatológico Láser; **Dermatology Department-Instituto Dermatológico de Jalisco "Dr. José Barba Rubio"; ***UMAE-Pediatric Hospital CMNO-IMSS-Guadalajara. Mexico

16.45-18.15 HAIR PIGMENTATION/HAIR GRAYING

Room TRAMUNTANA



Desmond J. Tobin



Carlos Clavel



Ralf Paus



Emi Nishimura

Chairs Desmond Tobin, Emi Nishimura

16.45-17.05	The multiple faces of cutaneous melanocytes - Harlequins and Chameleons Desmond J. Tobin
17.05-17.25	Role of senescence during hair graying Carlos Clavel
17.25-17.45	Under-investigated major regulators of the human hair follicle pigmentary unit Ralf Paus

Free Communications to the topic

17.45-17.55	A biomimetic peptide use to counteract the appearance of grey hair *J. Attia, **M. Borel, ***E. Loing *IFF-Lucas Meyer Cosmetics, Toulouse, France; **IFF-Lucas Meyer Cosmetics, Champlan, France; ***IFF-Lucas Meyer Cosmetics, Québec, Canada
17.55-18.05	Development of a model of aged dermal papilla cells for the study of miRNAs associated with hair aging C. Serre, A. Perrin, C. Gondran, K. Cucumel, J.M. Botto Ashland Global Skin Research Center, Sophia-Antipolis, France
18.05-18.15	An eqtl in syntaxin17 (stx17) leads to disrupted melanogenesis in alopecia areata S.O. Erjavec, R. Gund, A.M. Christiano Department of Dermatology, Columbia University. USA



Jorge Ocampo-Candiani



Fernando Magill

Chairs *Jorge Ocampo-Candiani, Fernando Magill*

- 18.15-18.30 **Adherence to treatment further enhances effectiveness of a nutraceutical for telogen effluvium**
R. Rodrigues¹, G. Moreno², S. Arias³, A. Camps²
¹ Department of Dermatology Ramón y Cajal, Madrid; ² Centro Médico Teknon, Grupo Quirónsalud; ³ Hospital Universitario Virgen del Rocío, Granada, España.
- 18.30-18.45 **Hair loss patterns in women with Telogen Effluvium**
D.A.Guzmán-Sánchez¹, A.J. McMichael², J. Shapiro³
¹ School of Medicine, Universidad de Guadalajara, Guadalajara, México; ² Dep. Dermatology, Wake Forest School of Medicine Winston-Salem, North Carolina USA; ³ Dep. Dermatology, New York University NY USA
- 18.45-18.55 **Review of medications implicated in telogen effluvium**
A. Manatis-Lornell, D. Marks, D. Hagigeorges, J. Okhovat, M. Senna
 Department of Dermatology, Massachusetts General Hospital, Boston, MA. USA
- 18.55-19.05 **Vitamin D levels in mexican patients with telogen effluvium: case series**
LE Sanchez-Dueñas*, A Ruiz-Dueñas, E. Guevara-Gutierrez**, JA. Tlacuilo-Parra*****
 *Centro de Restauración Capilar-Dermika Centro Dermatológico Láser; **Dermatology Department-Instituto Dermatológico de Jalisco "Dr. José Barba Rubio"; ***UMAE-Pediatric Hospital CMNO-IMSS-Guadalajara Mexico



Alex Camps



Francisco Jiménez

Chairs *Alex Camps, Francisco Jiménez*

- 18.15-18.25 **The latest hair transplant surgery research**
P. Bouhanna
 Center sabouraud, Saint-Louis Hospital, Paris, France
- 18.25-18.35 **Scalp hair reconstruction by partial longitudinal follicular unit transplantation (PL-FUT) in scarred tissue**
K B J. van Herwijnen
 Hair Science Institute. The Netherlands
- 18.35-18.45 **Hair transplantation and Stromal vascular fraction Medical treatment and hair transplantology center "HairMed"**
 Dnipro. Ukraine
- 18.45-18.55 **Combining autologous micro-grafting & platelet rich plasma with hair transplantation for the treatment of female pattern hair loss**
S. Zari
 Faculty of Medicine, University of Jeddah, Saudi Arabia
- 18.55-19.05 **Follicular unit excision-where we are today**
G. Kuka Epstein
 Foundation for Hair Restoration. Miami. USA

19.05 **END OF THE DAY**

19.45 **SPEAKERS' DINNER** (invitation only)

FRIDAY 26th APRIL, 2019

08.00

ASK THE EXPERTS

Room GARBI



Elise A. Olsen



Angela M. Christiano



Ralf Paus



Rod Sinclair



Colin Jahoda



Wilma Bergfeld



Jerry Shapiro



Alex Ginzburg



Ulrike Blume-Peytavi



Xingqi Zhang

Elise A. Olsen (USA)

Angela M. Christiano (USA)

Ralf Paus (UK)

Rod Sinclair (Australia)

Colin Jahoda (UK)

Wilma Bergfeld (USA)

Jerry Shapiro (USA)

Alex Ginzburg (Israel)

Ulrike Blume-Peytavi (Germany)

Xingqi Zhang (Xina)

10 experts, (each sitting in a round table) who will answer specific questions made by the Congress attendants.

Open to all attendees on a first-come, first served basis.

This will be an informal session for small groups to discuss with an expert.

08.30-09.00 AUTOLOGOUS MICRO-GRAFTING IN THE MANAGEMENT OF THE ANDROGENETIC ALOPECIA

Room AUDITORI

Speaker - Shadi Zari

Sponsored by



08.30-09.00 SCALP SEBORRHEIC DERMATITIS AND MICROBIOME: WHAT'S NEW?

Room TRAMUNTANA

Sponsored by



08.30-08.45 Scalp Microbiome and its impact on Seborrheic Dermatitis - Ramon Grimalt

08.45-08.55 Scientific & Clinical Evidence of Dermocosmetics in Seborrheic Dermatitis - Ariadna Ortiz

08.55-09.00 Discussion



Juan Ferrando



Julio Salas



Yuval Ramot

Chairs *Juan Ferrando, Yuval Ramot*

09.00-09.20 **Diagnostic and therapeutics clues in Hair Dysplasia**
Juan Ferrando

09.20-09.40 **From Syndrome Sabinas to TTD**
Julio Salas

09.40-10.00 **Childhood alopecia areata, Update on treatment**
Yuval Ramot

Free Communications to the topic

10.00-10.10 **Prevalence of comorbidities among pediatric patients with alopecia areata**
R. Conic, N. Mesinkovska*, G. Damiani, M. Piliang, W. Bergfeld
Cleveland Clinic, Cleveland, OH; *University of California Irvine, Irvine, CA, USA.

10.10-10.20 **Congenital trichorrhexis nodosa: case report and dermoscopic findings**
K.M. Vargas Andrade, I.G. Mesa Garza, R.A. Gonzalez-Ramirez *, N.E. Espinoza-Gonzalez *²
Instituto Mexicano del Seguro Social, *¹ Universidad Autónoma de Nuevo León, *² Universidad de Monterrey, Mexico

10.20- 10.30 **Pili Annulati complicated with trichorrhexis nodosa: A report of a Chinese family**
X.Chen, X.Li, X.Yao, J.Zhang, C.Zhou
Peking University People's Hospital, China



Michael Rendl



Young Kwan Sung



Nikolaos Pantelireis



Ralf Paus

Chairs *Michael Rendl, Young Kwan Sung*

09.00-09.15 **Control and Timing of Dermal Condensate Fate Specification**
Michael Rendl

09.15-09.30 **Role of tissue non-specific alkaline phosphatase in trichogenic activity of 3D-cultured human dermal papilla cells**
Young Kwan Sung

09.30-09.45 **Modelling Epigenetic Changes Regulating Hair Follicle Induction**
Nikolaos Pantelireis

09.45-10.00 **Dermal papilla tuning to promote human scalp hair growth: Principles, common misconceptions, and the key role of SFRP1**
Ralf Paus

Free Communications to the topic

10.00-10.10 **SOX2 in the dermal papilla regulates hair follicle pigmentation**
J. Ng, J. Lim, Y. Tan, D. Quek, Z. Lim, K. Sim, C. Clavel
Hair & Pigmentation Development, Skin Research Institute of Singapore (SRIS), Singapore, Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore

10.10-10.20 **Utilising the biochemical properties of hair follicle dermal papilla cells to accelerate wound healing in human skin**
H. Topouzi*, C. J. Boyle*, G. Williams** and C. A. Higgins*
*Department of Bioengineering, Imperial College London, UK; **Farjo Hair Institute, London, UK

10.30 JOHN EBLING LECTURE

Room AUDITORI



Bianca M. Piraccini



Abraham Zlotogorski



Valerie Randall

Chairs Bianca M. Piraccini, Abraham Zlotogorski

Speaker Valerie Randall

11.00-11.30 COFFEE BREAK AT THE EXHIBITION AREA AND POSTERS VIEWING

11.30-13.00 MECHANICAL (PHYSICAL) THERAPY FOR HAIR DISEASES

Room AUDITORI



Rubina Alves



Rachita Dhurat



Rachita Dhurat



Joaquin J. Jiménez



Bianca M. Piraccini

Chairs Bianca M. Piraccini, Rubina Alves

11.30-11.45 PRP in androgenetic alopecia
Rubina Alves

11.45-12.00 Microneedling in androgenetic alopecia
Rachita Dhurat

12.00-12.15 Low Level Laser therapy in hair disorders
Joaquin J. Jiménez

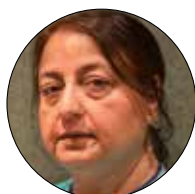
12.15-12.30 How to combine physical therapies with hair transplant
Rui Oliveira

12.30-12.45 Mechanical (Physical) therapy for hair diseases: news and views
Bianca M. Piraccini

12.45-13.00 Discussion and Questions

11.30-13.00 GENOTRICHOSIS

Room TRAMUNTANA



Arti Nanda



Yuval Ramot



Lidia Rudnicka



Regina Betz

Chairs Regina Betz, Arti Nanda

11.30-11.45 Congenital Hypotrichosis: Genotypic & Phenotypic Correlation
Arti Nanda

11.45-12.00 Keratin-specific hair disorders: new finding and treatment strategies
Yuval Ramot

12.00-12.15 How trichoscopy can help identifying genotrichoses
Lidia Rudnicka

12.15-12.30 What's new in hypotrichosis research?
Regina Betz

Free Communications to the topic

12.30-12.40 Oral minoxidil - a novel and promising treatment in the management of monilethrix
D. Cummins, N. Chiang, M. Harries*
The Dermatology Centre, Salford Royal NHS Foundation Trust, Manchester, United Kingdom *University of Manchester, Manchester, UK

12.40-12.50 Hypotrichosis with juvenile macular dystrophy: a case report
F.T. Almeida, R.C. Freitas, A.P. Vieira, C. Brito
Hospital de Braga, Portugal

12.50-13.00 Alopecia areata and nail dystrophy in a patient with autoimmune polyendocrinopathy candidiasis ectodermal dystrophy (apeced) syndrome
E. Mack, C. McCourt
Royal Victoria Hospital, Belfast, United Kingdom



Ralph Trüeb



Rachita Dhurat

Chairs *Ralph Trüeb, Rachita Dhurat*

- 13.00-13.10 **Optimisation of platelet rich plasma separation method by preliminary sedimentation**
R. Arpitha, R. Pawadshettar
Sai Susrut hospital and diagnostics, Gadag, India
- 13.10-13.20 **Beyond "platelet rich plasmas". Autologous blood biomaterials and androgenetic alopecia, a ten-year experience**
G. Schiavone, D. Abeni, A. Paradisi*, P. Pallotta, M. Viviano, D. Ciccone, L. Rota
I.D.I., I.R.C.C.S. Rome. Italy
- 13.20-13.30 **The efficacy of combination therapy with low-level light therapy plus minoxidil 5% solution versus minoxidil 5% solution monotherapy in the treatment of androgenetic alopecia**
M. Goldust, H. Alipour
Tabriz University of Medical sciences. Iran

- 13.30-13.40 **Hair follicle regrowth in alopecia patients after fractional photothermolysis - a pilot study**
M. Juhasz*, C. Ekelem*, N. Sabouni**, J. Lin**, E. Csuka*, J.X. Yu,*** E. Heidari,*** Z.P. Chen,*** N.A. Mesinkovska*
*University of California, Irvine, Department of Dermatology, **University of California, Irvine, School of Medicine, ***University of California, Irvine, Beckman Laser Institute. USA
- 13.40-13.50 **Teaser series: minoxidil and dutasteride drug tattooing for androgenic alopecia Beyond "platelet rich plasmas"**
C. Wambier, B. King
Department of Dermatology - Yale University School of Medicine. USA.
- 13.50-14.00 **The Effect of Daily Aspirin Use on Topical Minoxidil Treatment for Pattern Hair Loss**
A. Goren
University of Rome "G.Marconi". Italy

13.00-13.50 DRUG INDUCED ALOPECIA: FREE COMMUNICATIONS

Room TRAMUNTANA



Rubina Alves



David Saceda

Chairs *Rubina Alves, David Saceda*

- 13.00-13.10 **Prophylactic treatment with a small molecule protects breast cancer patients from the development of chemotherapy induced alopecia**
A. Goren
University of Rome (G.Marconi) Italy
- 13.10-13.20 **Chemotherapy-induced irreversible alopecia in patients with breast cancer - a comparison of the literature with own cases**
G. Lutz
Hair & Nail Medicine, Bonn, Germany
- 13.20-13.30 **Capillary reactions of new targeted therapies directed against cancer**
JF Mir-Bonafé*, JM Mir-Bonafé**, M Mir-Bonafé***, J Piquero-Casals****, D. Saceda-Corralo*****, S. Vaño-Galván*****
*Hospital de la Santa Creu i Sant Pau; **Clínica Juaneda; ***Hospital Universitario Central de Asturias; ****Clínica Dermik; *****Hospital Universitario Ramón y Cajal. Spain.
- 13.30-13.40 **Persistent post-chemotherapy alopecia: clinical characterization, impact on quality of life and treatment outcomes**
A. Freites-Martinez, D. Chan, V. Sibaud, J. Shapiro, G. Fabbrocini, A. Tosti, J. Cho, S. Goldfarb, S. Modi, D. Gajria, L. Norton, R. Paus, T. Cigler, and M. Lacouture
Memorial Sloan Kettering Cancer Center, New York, New York, USA
- 13.40-13.50 **The LXR agonist T0901317 protects hair follicle keratinocytes from chemotherapy induced damage**
E. Smart*, O. Alenkhe**, M. Palmer**, B. Barnes*, I. Haslam**, R. Paus*
*Division of Musculoskeletal and Dermatological Sciences, The University of Manchester, United Kingdom; **Department of Biological Sciences, University of Huddersfield, Huddersfield, United Kingdom

14.00-15.30 FRONTAL FIBROSING ALOPECIA

Room AUDITORI



Rui Oliveira



Rod Sinclair



Sergio Vaño-Galván



Adriana Rakowska



Rodrigo Pirmez

Chairs *Sergio Vaño-Galván, Rui Oliveira*

14.00-14.20 What's new in etiopathogenesis
Christos Tziotzios

14.20-14.30 The role of sunscreens and other environmental factors in FFA
Rod Sinclair

14.30-14.40 Frontal fibrosing alopecia: what's new in clinical presentation
Sergio Vaño-Galván

14.40-14.50 What's new in diagnosis (trichoscopy, diagnostic criteria, scales)
Adriana Rakowska

14.50-15.00 What's new in treatment
Rodrigo Pirmez

15.00-15.10 My diagnostic and therapeutic pearls in FFA
Jerry Shapiro



Christos Tziotzios



Jerry Shapiro

Free Communications to the topic

15.10-15.20 Is frontal fibrosing alopecia a new clinical presentation of contact dermatitis?
A. Combalia, N. Martínez, S. Gómez-Armayones, JM. Mascaró, J. Ferrando
Department of Dermatology, Hospital Clínic, University of Barcelona, Spain

15.20-15.30 Study of aryl hydrocarbon receptor in patients with lichen planopilaris and frontal fibrosing alopecia
I. Doche*, M. Hordinsky**, G.L. Wilcox**, M.C. Rivitti-Machado*, R. Romiti*, N.Valente*, M. Saldanha*, M.N. Sotto*
*University of Sao Paulo (BRASIL); ** University of Minnesota (USA)

14.00-15.30 HAIR FOLLICLE AGING

Room TRAMUNTANA



Ralph Trüeb



Won-Soo Lee



Emi Nishimura

Chairs *Won Soo Lee, Kevin McElwee*

14.00-14.20 Comment on the Science of Hair Aging
Ralph Trüeb

14.20-14.40 Hair Photoaging and Integral Hair Lipid.
Won-Soo Lee

14.40-15.00 Stem cell division program for hair follicle aging
Emi Nishimura

Free Communications to the topic

15.00-15.10 Age-related changes in the extracellular matrix of female scalp dermal fibroblasts and hair follicle dermal sheath cells: do they contribute to hair ageing?
R. Sedman, D.J. Tobin*, G.E. Westgate, A.D. Pawlus**, M.J. Thornton
Centre for Skin Sciences, University of Bradford, Bradford, UK * Charles Institute of Dermatology, University College Dublin, Dublin, Ireland **Aveda, Hair Innovation & Technology, USA

15.10-15.20 Hair follicles are able to synthesise glycogen from lactate: understanding glycogen metabolism and cori cycle in human hair follicle biology
K. Figlak, R. Paus*, G. Williams**, N. Farjo**, B. Farjo**, M. Philpott
CBCL, Blizard Institute, QMUL, London, UK. *CDR, University of Manchester, UK; Dept. of Dermatology & Cutaneous Surgery, University of Miami, USA. **Farjo Medical Centre, Manchester, UK.

15.20-15.30 Hypoxia, hif1a and hair follicle metabolism
K. F. Shah, *M. Davis, *A. Peplow, *Y. DeAngelis, **B. Farjo, **N. Farjo, **G. Williams and M. Philpott
Blizard Institute Barts and The London School of Medicine and Dentistry, Queen Mary University London, UK; *Procter and Gamble, USA; **Farjo Medical Centre, Manchester, UK

15.30-16.15 COFFEE BREAK AT THE EXHIBITION AREA AND POSTERS DISCUSSION ON SITE (PAIR numbers)

16.15-17.45 PSYCHOLOGICAL ASPECTS OF HAIR DISEASE

Room AUDITORI



Michela Starace



Ramon Grimalt



André Lencastre

Chairs *Ramon Grimalt, Michela Starace*

- | | |
|-------------|---|
| 16.15-16.35 | HrQoL in hair loss: The role of personality traits and psychosocial anxiety
Michela Starace |
| 16.35-16.55 | Trychopsychodermatology or psychological aspects of hair disease
Ramon Grimalt |
| 16.55-17.15 | Auto- induced hair-loss
André Lencastre |

Free Communications to the topic

- | | |
|-------------|--|
| 17.15-17.25 | Adaptive and maladaptive behavior in alopecia patients: how clinicians can influence both
R. Barkauskaite
National Alopecia Association. Lithuania |
| 17.25-17.35 | Suffering in women with frontal fibrosing alopecia
A.C. Leite Jr., D. G. Ramos
Pontificia Universidade Católica de São Paulo. Brazil |
| 17.35-17.45 | Patient reported stress caused by scalp alopecia in transpeople
D. Marks, D. Hagigeorges, A. Manatis-Lornell, J. Okhovat, M. Senna
Department of Dermatology, Massachusetts General Hospital, Boston, MA, USA |

16.15-17.35 NEOGENESIS AND TISSUE ENGINEERING

Room TRAMUNTANA



Luis Garza



Ben Miranda



Talveen Purba



Valerie Randall

Chairs *Luis Garza, Valerie Randall*

- | | |
|-------------|--|
| 16.15-16.40 | Prostaglandin control of hair regeneration
Luis Garza |
| 16.40-16.55 | Prostaglandin-F2alpha stimulates intermediate and terminal human hair follicles in organ culture
Ben Miranda |
| 16.55-17.10 | Progenitors, proliferation and prostaglandins: Heterogeneity of the human anagen outer root sheath
Talveen Purba |
| 17.10-17.35 | Prostaglandins and prostamides in human hair follicles
Valerie Randall |

17.45 EHRS GENERAL ASSEMBLY (invitation only)

Room TRAMUNTANA

19.45 GALA DINNER

- The Gala Dinner will be held in FINCA MAS SOLERS at 7.30 pm

Price per person: 60 €

Address: Ctra. Vilanova a Sant Pere de Ribes, BV-2112, 08810 Sant Pere de Ribes, Barcelona

Transport by bus:
From Hotel Melia Sitges 7:15 pm
From Hotel Calipolis (Sitges center) 7:15 pm



SATURDAY 27th APRIL, 2019

08.00-09.00 ASK THE INDUSTRY

Room GARBI

The room will be set with 10 tables, each of one with an expert of the following Companies.
Open to all attendees on a first-come, first served basis. This will be an informal session for small groups to discuss with an expert.

Aderans

CESARE RAGAZZI
LABORATORIES

TrichoLAB



09.00-10.28 CLINICAL CASES FROM EASTERN EUROPE

Room AUDITORI



Yuliya Ovcharenko



Kuzma Khobzey



Inessa Serbina



Nino Lortkipanidze



Nino Khutsishvili



Adriana Rakowska



Yulija Gallyamova



Inga Zemite



Andrei Doroshkevich



Tatiana Siliuk



Svetlana Ledentsova

Chairs *Yuliya Ovcharenko, Tatiana Siliuk, Nino Lortkipanidze*

09.00-09.08	Combined diffuse and patchy hair heterochromia with Blaschkoid distribution Yuliya Ovcharenko
09.08-09.16	Scaring Alopecia in Psoriasis Kuzma Khobzey
09.16-09.24	Alopecia areata: focus on comorbidity Inessa Serbina
09.24-09.32	Hair loss disorders simulating Androgenetic Alopecia Nino Lortkipanidze
09.32-09.40	Psoriasis and concomitant hair loss. Nino Khutsishvili
09.40-09.48	Hair loss in the frontal hair line Adriana Rakowska
09.48-09.56	Our experience of treatment dissecting cellulitis of the scalp with combination of hidradenitis suppurativa/acne inversa Yulija Gallyamova
09.56-10.04	FFA treated with i/lesional corticoid in combination with PRP and N2O Inga Zemite
10.04-10.12	Three cases of scleroderma. Trichoscopic features at the early stages Svetlana Ledentsova
10.12-10.20	Alopecia areata - MPHL like pattern Andrei Doroshkevich
10.20-10.28	LPP and hair transplantation: do they grow? Trichoscopic view Tatiana Siliuk

09.00-10.25 NEXT GENERATION SEQUENCING APPROACHES

Room TRAMUNTANA



Ralph Trüeb



Scott Atwood



Gioele La Manno

Chairs *Maria Kasper, Michael Rendl*

09.00-09.25 **Skin, a symphony of single cells**
Maria Kasper

09.25-09.50 **Epithelial stem cell heterogeneity and its functional consequences**
Scott Atwood

09.50-10.10 **RNA velocity of single cells - predicting differentiation from differentiation**
Gioele La Manno

Free Communication to the topic

10.10-10.25 **Bacterial microbiome extends below the infundibulum of healthy scalp follicles - finding of a potential relevance for hair physiology and scalp diseases**
K. Polak-Witka^(1,2), A. Constantinou⁽¹⁾, S. Hadam⁽¹⁾, J. Helmuth⁽³⁾, R. Schwarzer⁽³⁾, A. Edelmann⁽³⁾, A. Wießner⁽¹⁾, J. Hoffmann⁽¹⁾, A. Moter⁽¹⁾, L. Rudnicka⁽²⁾, U. Blume-Peytavi⁽¹⁾, A. Vogt⁽¹⁾
¹ Charité - Universitätsmedizin Berlin, Germany; ² Medical University of Warsaw, Poland; ³ Labor Berlin - Kompetenz von Charité und Vivantes, Germany

10.30 KEYNOTE LECTURE: How far are we from cloning hair?

Room AUDITORI



Sergio Vañó-Galván



Ramon Grimalt



Claire Higgins

Chairs *Sergio Vañó-Galván, Ramon Grimalt*

Speaker *Claire Higgins*

11.00-11.30 COFFEE BREAK AT THE EXHIBITION AREA AND POSTERS VIEWING

11.30-13.00 HAIR COSMETICS NEWS AND VIEWS

Room AUDITORI



Maria Fernanda Gavazzoni



Amy McMichael



Vicky Jolliffe



Ralph Trüeb

Chairs *Maria Fernanda Gavazzoni, José Cucchia*

11.30-11.45 **When and how to prescribe a hair cosmetic**
Maria Fernanda Gavazzoni

11.45-12.00 **Adverse effects of hair cosmetics**
Amy McMichael

12.00-12.05 **Discussion**

12.05-12.15 **What's new in hair cosmetics**
Vicky Jolliffe

12.15-12.25 **Hair cosmetics for the aging hair**
Ralph Trüeb

12.25-12.30 **Discussion**

Free Communications to the topic

12.30-12.40 **Evidence for caucasian and afro-ethnic hair fiber damage after chemical and physical processes**
L. Bloch, C. Escudeiro, F. Sarruf
Center: IPClin, IAMSPE, São Paulo - Brazil

12.40-12.50 **Transepidermal uva+uvb radiation of human scalp skin induces extensive hair follicle damage, which is alleviated by topical caffeine treatment**
J. Gherardini⁽¹⁾, J. Wegner⁽¹⁾, J. Chéret⁽²⁾, S. Ghatak⁽¹⁾, J. Lehmann⁽¹⁾, M. Alam⁽³⁾, F. Jimenez⁽³⁾, R. Paus^(2,4), M. Bertolini⁽¹⁾
¹ Monasterium Laboratory, Muenster, Germany; ² University of Miami, Miami, USA; ³ Mediteknia Skin & Hair Lab, Las Palmas, Spain; ⁴ University of Manchester, Manchester, UK

12.50-13.00 **Deleterious effects of air pollution on scalp and hair**
S. Mine, X. Wang, J. Zhang*, L. Danoux, Z. Rao*, I. Bonnet, C. D'erveville, C. Kalem, V. Andre-Frei*
BASF Beauty Care Solutions, France *BASF Advanced Chemicals Co, Shanghai*

11.30-13.00 HISTOPATHOLOGY (in memory of David Whiting)

Room TRAMUNTANA



Mariya Miteva



Laila El-Shabrawi-Caelen



Paradi Mirmirani



Lynne Goldberg

Chairs *Mariya Miteva, Laila El-Shabrawi-Caelen*

11.30-11.45	Lessons learned from biopsies of Frontal Fibrosing Alopecia: what's new? <i>Mariya Miteva</i>
11.45-12.00	Challenging hair cases with clinico-pathological correlation <i>Laila El-Shabrawi-Caelen</i>
12.00-12.15	Teasing it out: pearls in the histopathology of traction alopecia <i>Paradi Mirmirani</i>
12.15-12.30	Lessons learned from hair pathology consults <i>Lynne Goldberg</i>

Free Communications to the topic

12.30-12.40	Lichen planopilaris versus frontal fibrosing alopecia: histopathologically distinct diseases or not? <i>D. Özcan, D. Seçkin, A.T. Güleç, Ö. Özen*</i> Departments of Dermatology and *Pathology, Başkent University Faculty of Medicine, Ankara, Turkey
12.40-12.50	Frontal Fibrosing Alopecia. ¿A variant of Lichen Planus Pilaris, or an independent entity? Clinicopathologic and immunohistochemical study of 73 cases. <i>C. Bernárdez⁽¹⁾, Y. Pérez⁽²⁾, A. Molina-Ruiz⁽³⁾, L. Requena⁽³⁾</i> ⁽¹⁾ Servicio Dermatología Hospital Ruber Juan Bravo Madrid; ⁽²⁾ Servicio Anatomía patológica y; ⁽³⁾ Servicio Dermatología Hospital Fundación Jiménez Díaz, Madrid. Spain
12.50-13.00	A Histopathological study of sebaceous glands in androgenetic patients - inspired by in vivo multiphoton microscopy findings of superficial sebaceous glands <i>J. Lin, M. Valdebran, L. Doan, N. Mesinkovska</i> University of California, Irvine. USA

13.00 CLOSING CEREMONY

<i>Presentation of Poster & Oral Awards</i>	<i>Scientific Committee</i>
<i>EHRs awards</i>	<i>Bianca M. Piraccini</i>
<i>Jurgen Schweizer Award</i>	<i>Sponsored by l'Oréal: Jean-François Michelet, Nilofer Farjo</i>
<i>Final Remarks</i>	<i>Bianca Maria Piraccini, Manabu Ohya, Maria Hordinsky, Gwang Seong Choi</i>
<i>Announcement of 2021 WCHR Australia</i>	<i>Rod Sinclair</i>
<i>Closing remarks</i>	<i>Juan Ferrando, Ramon Grimalt, Sergio Vañó Galván</i>