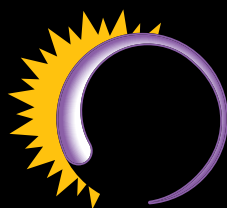


FINAL PROGRAM GUIDE

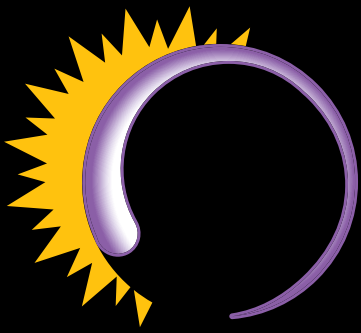


13TH WORLD CONGRESS FOR HAIR RESEARCH

Be Enlightened by the Total Eclipse of Hair Science
DALLAS, TEXAS, USA • APRIL 6-9, 2024

hair2024.org

#WCHR2024



WCHR2024

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Dear Friends and Colleagues from Around the World,

It is with enormous pleasure and great excitement that we welcome you to Dallas, Texas for the 13th World Congress of Hair Research. The WCHR meetings represent the most anticipated gathering of hair researchers from across the globe, who come together every two years for this extraordinary meeting. We are delighted to have participants from 39 countries at the 13th WCHR, including Argentina, Australia, Belgium, Brazil, Canada, China, Colombia, Costa Rica, Croatia, the Dominican Republic, Egypt, France, Georgia, Germany, India, Ireland, Israel, Japan, Kenya, Latvia, Malaysia, Mexico, the Netherlands, Poland, Russia, Serbia, Singapore, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, Tunisia, Turkey, Ukraine, the United Kingdom, and the United States. The 13th WCHR is also very special because on Monday April 8, 2024, we will turn our collective attention to the sky and be awed by a once-in-a-lifetime celestial event, the Total Solar Eclipse of 2024.

The word eclipse comes from 'ekleipsis', which is the Greek word for being 'abandoned'. Ancient civilizations believed that the sun had 'abandoned' the earth, whereas the Greeks believed that it was the Gods who had 'abandoned' them and darkened the sky. Eclipses are also inversions in which the day becomes the night, and thus they served as a reminder for early observers to suspend or 'abandon reality' and expect the unexpected. The word 'abandon' also refers to the shedding of one's inhibitions and giving oneself up to a particular passion with great enthusiasm.

In this spirit, the 2024 WCHR in Dallas was designed for us to "Be Enlightened by the Total Eclipse of Hair Science". Together, we will embark on an extraordinary 3-day journey into the frontiers of hair science, spanning from the analysis of single cells in the hair follicle to the study of human populations across the globe. We will explore the entire lifecycle of a hair follicle from its inception through adult life into senescence and through health and disease. We will learn about innovative methods for studying single cells within the hair follicle, new ways of quantitating hair growth, growing hair follicles in organoid culture and live imaging of hair follicle cellular dynamics. We will discover together novel ways to treat hair disorders, new drugs, devices, procedures, natural products, biologics, cell therapies and hair follicle neogenesis. We will become familiar with hair care and styling practices from around the world, learn about the global diversity of hair textures among human populations, and appreciate how hair disorders are impacted by environmental factors that interact with disease mechanisms. Looking toward the future, we will learn about big data, artificial intelligence and the power of global collaborative networks to accelerate our research endeavors focused on hair.

As we experience this journey of enlightenment together in the coming days, let us be mindful of the profound psychosocial impact of hair disorders on our patients, and recognize the extraordinary potential of our work to shine a light and make a difference. For many patients whose lives are shattered by hair loss, our collective efforts as a global community have the potential to not only regrow their hair, but to transform their lives, restore their confidence and give them the courage to make their dreams a reality. Each of us has a role to play, and none of us can do it alone.

Let us step into a new era in hair research as we experience the Total Solar Eclipse of 2024 together at this meeting.

We invite each of you to participate vibrantly in the WCHR 2024 - with enthusiasm - and with abandon!

Angela Christiano, PhD, Scientific Co-Chair
John Seykora, MD, PhD, Scientific Co-Chair
Maria Hordinsky, MD, Clinical Co-Chair

Antonella Tosti, MD, Clinical Co-Chair
Wilma Bergfeld, MD, Associate Co-Chair
Isabella Doche, MD, PhD, Associate Co-Chair



A. Christiano



J. Seykora



M. Hordinsky



A. Tosti



W. Bergfeld



I. Doche

HOSTED BY



Thank You
to those who have
generously given their time
to the success of this
once-in-a-lifetime
educational experience.

SCIENTIFIC PLANNING COMMITTEE

Angela Christiano, PhD, Scientific Co-Chair
John Seykora, MD, PhD, Scientific Co-Chair
Maria Hordinsky, MD, Clinical Co-Chair
Antonella Tosti, MD, Clinical Co-Chair
Wilma Bergfeld, MD, Associate Co-Chair
Isabella Doche, MD, PhD, Associate Co-Chair
Cheng-Ming Chuong, MD, PhD, Committee Member
Sarah Millar, PhD, Committee Member
Michael Rendl, MD, Committee Member

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Wilma Bergfeld, MD, Co-Chair
Neil Sadick, MD, Co-Chair
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Jeffrey Donovan, MD, PhD
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Maria Hordinsky, MD
Natasha Mesinkovska, MD, PhD
Amy McMichael, MD
Elise Olsen, MD
Ricardo Romiti, MD, PhD
Maryanne Senna, MD
Jerry Shapiro, MD
Antonella Tosti, MD
Ken Washenik, MD, PhD

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Moon Bum Kim, MD
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Sergio Vañó Galvan, MD, PhD
Gillian E. Westgate, PhD
Jianzhong Zhang, MD
Xingqi Zhang, MD
Cheng Zhou, MD

LOCAL LIAISON COMMITTEE

Kim B. Yancey, MD
Katherine Omuetti Ayoade, MD, PhD
Lu Q. Le, MD, PhD
Paul Bergstresser, MD

COMMERCIAL SUPPORT

The AHRS gratefully acknowledges
the following sponsors for their support
of the 13th World Congress for Hair Research!

PLATINUM LEVEL



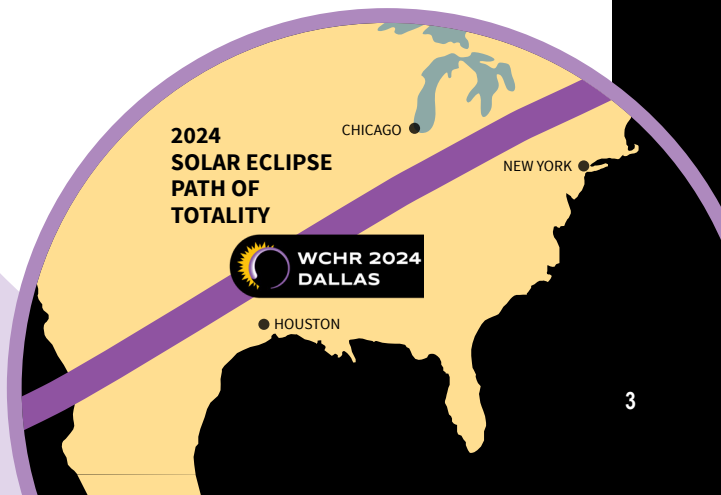
GOLD LEVEL



BRONZE LEVEL



CONTRIBUTOR



WELCOME TO DALLAS

From world-class dining to endless shopping and a variety of entertainment options, BIG Things Happen Here. Six major professional sports teams and a sprawling arts district encourage nights full of adrenaline and entertainment. With more than 20 vibrant entertainment areas, even the most diverse groups will leave pleasantly surprised and satisfied.

ARTS & CULTURE



Winspear Opera House
Meyerson Symphony Center
Dallas Museum of Art
Nasher Sculpture Center

OUTDOORS & NATURE



Dallas Arboretum & Botanical Gardens
Dallas World Aquarium
Klyde Warren Park
Texas Horse Park
Dallas Zoo



TOP DISTRICTS



BISHOP ARTS DISTRICT

Once one of Dallas' best hidden gem, this two-block former warehouse area sits in the Oak Cliff neighborhood of South Dallas. It's home to more than 60 boutiques, restaurants, bars, coffee shops and galleries, making it one of Dallas' most unique districts.

UPTOWN

Located just northeast of Downtown, the historic McKinney Avenue Trolley line provides free rides from the north end of Uptown to the Dallas Arts District. This chic but historic area is now Dallas' nightlife capital. Cisit one of Uptown's dozens of high-end restaurants, trendy nightclubs and bars, along with unique shopping and world-class spas.



TRINITY GROVES

This 15-acre restaurant, retail, artist and entertainment destination sits at the base of the Margaret Hunt Hill Bridge in West Dallas. Pay a visit to a brewery, the culinary events center and multiple restaurants. The area is also home to the Restaurant Concept Incubator program, which encourages culinary entrepreneurs to develop restaurant concepts to become the newest addition on the block.



CONGRESS HOTEL AND MEETING LOCATION

The Fairmont Dallas Hotel
1717 N Akard St
Dallas, TX 75201 USA
Phone: +1-214-720-2020

Details about accommodations, rates, and reservations can be found at:
<https://hair2024.org/housing/>

Check-in time is 3:00PM and check-out time is 12:00PM (noon).

HOTEL PARKING

Parking is available at the Fairmont Dallas at the hotel's prevailing rates.

AIRPORT & GROUND TRANSPORTATION INFORMATION

Dallas is serviced by two airports:

Dallas/Fort Worth (DFW)

18 miles (30km) to/from airport to the Fairmont

Dallas Love Field (DAL)

5 miles (8km) to/from the Fairmont Hotel

DFW is the larger of the two airports and the only one that offers international flights. DAL is closer to downtown Dallas but has fewer flight options.

The World Congress does not provide ground transportation to/from the airport. Please plan to drive, taxi or take a rideshare (Uber or Lyft). You are responsible for making your own arrangements.

The estimated cost from DFW airport to Fairmont Dallas in a taxi is: \$45 USD.

The estimated cost from DAL airport to Fairmont Dallas in a taxi is: \$18 USD.

The Dallas Area Rapid Transit (DART) system runs route 408 between the airport and downtown Dallas. More information about DART: <https://www.dart.org/trip/trip-planner/dart-to-airports>

WEATHER

The weather in April in Dallas is typically quite dry. April temperatures are generally between 56°F and 72°F (13°C and 22°C). There is approximately 13 hours of daylight.

**MEETING ATTIRE**

The attire for the educational sessions is business.

This year's congress dinner will be a "Texas Hoedown" and attendees are encouraged to wear "Cowboy chic" with suggested attire of jeans, casual dresses, cowboy boots, and cowboy hats.

BADGES

An official AHRS-issued badge for the 13th World Congress for Hair Research is required to enter the meeting space. Alterations and tampering with badges is prohibited.

TICKETS

Tickets are required for the following events. For those in which you registered, the tickets will be included in your registration packet.

- Saturday Pre-Congress Courses
- Satellite Symposia
- Monday Congress Dinner

CELLULAR PHONE POLICY

The use of cellular phones in the General Session or workshop rooms is strictly prohibited.

Attendees must either turn off or vibrate cellular phones.

OFFICIAL LANGUAGE

The official language of the meeting is English. Simultaneous interpretation will not be provided.

PERSONS WITH DISABILITIES

The AHRS fully complies with the legal requirements of the Americans with Disabilities Act (ADA) and the rules and regulations thereof. If any participant in this educational activity is in need of support services, please notify the AHRS Headquarters Office at 1-630-578-3991 or info@americanhairresearchsociety.org as soon as possible, and preferably before March 1, 2024.

CANCELLATION/REFUND POLICY

Registration fees, less a \$100.00 administration fee, will be refunded upon written notice of cancellation to the Registrar's office received on or before March 20, 2024. After March 20, 2024, there will be no refund of fees for cancellation or for lack of attendance without notification. It is your responsibility to ensure that your cancellation request has been received by the Registrar's Office.

VIDEO, PHOTOGRAPHY & AUDIO RECORDING POLICY

Video recording and/or photography are strictly prohibited in all educational sessions. Under no circumstances are video, digital or still cameras to be utilized in the educational sessions. This includes photos and videos taken with cellular phones. Violators will have their cameras/equipment confiscated until the end of the meeting. Audio recording for personal use only is permitted (i.e., for gathering information and NOT for rebroadcast or reproduction). Photography of scientific material is strictly prohibited. The only exception to the photography policy is photos taken by the official WCHR photographer, for purposes of podium photos to use in WCHR publications.

ATTENDEE WI-FI

Network: Fairmont Meeting

Password: WCHR2024

RECORDED SESSIONS AVAILABLE

The scientific sessions will be recorded and available to those who registered for the congress. The recordings will be available from May 6, 2024, through August 6, 2024.

ASKING QUESTIONS IN THE SESSIONS

Attendees are encouraged to ask questions by submitting them via the Congress App. Attendees may also ask questions from the floor microphones during designated Q&A periods.

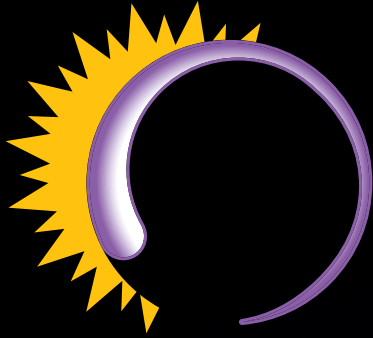
To submit your question:

- 1 **Open** the Congress app
- 2 **Tap** the Schedule tab
- 3 **Locate** the session in which you wish to ask a question and tap the session name
- 4 **Tap** "Q&A"
- 5 **Press** the "Ask Question" button to add your question.
- 6 **Press** Submit to submit it to the moderator

Download the Congress App for the Most Up-To-Date Information

- 1 **Go to** your phone's app store and download: **eventScribe**
- 2 **Click** Search for an Event
- 3 **Type** WCHR2024
- 4 **Tap** on the event icon
- 5 **Enter** your email address and the access key that was emailed to you. Click "Login".






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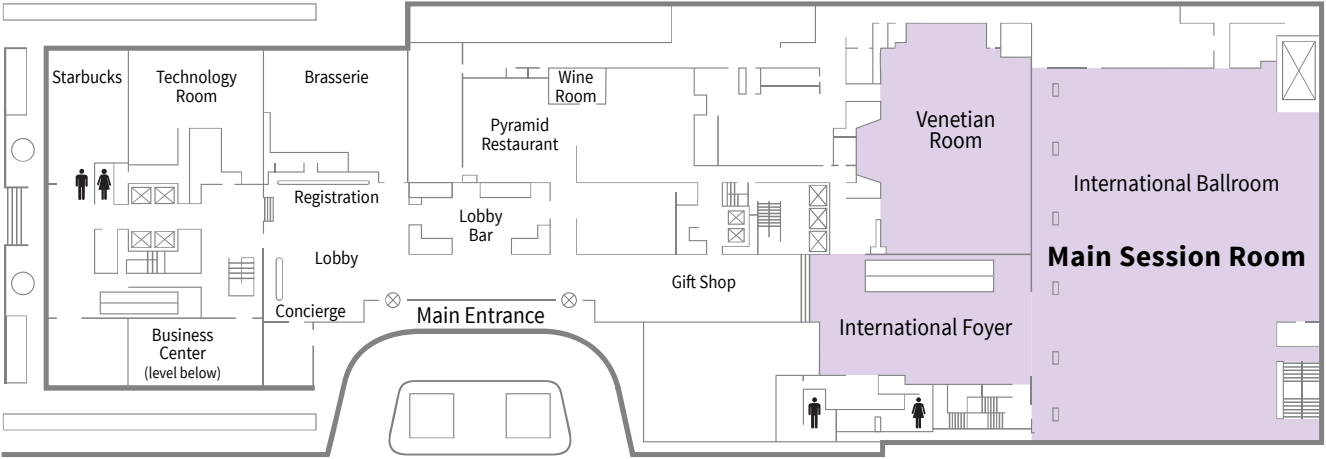
PROGRAM AT-A-GLANCE

SATURDAY • APRIL 6					
	PAVILION ROOM	PARISIAN ROOM	GOLD ROOM	INTERNATIONAL BALLROOM	REGENCY BALLROOM & FOYER
6:30AM					
7:00AM					
7:30AM					
8:00AM					
8:30AM					
9:00AM					
9:30AM					
10:00AM					
10:30AM					
11:00AM					
11:30AM					
12:00PM					
12:30PM					
1:00PM	PRE-CONGRESS WORKSHOP 101	PRE-CONGRESS WORKSHOP 102	PRE-CONGRESS SYMP 103		Exhibit Hall and Poster Set Up
1:30PM	Basics of Mouse Hair Follicle Biology	Management of Hair Patients: Clinical Pearls and Practical Approaches	Translational Research		
2:00PM					
2:30PM					
3:00PM	PRE-CONGRESS WORKSHOP 104				Exhibits and Posters
3:30PM	The Who, What, Where and Why of Trichology				
4:00PM					
4:30PM					
5:00PM				SESSION 1 Opening Ceremony and Plenary Session	
5:30PM					
6:00PM					
6:30PM				SESSION 2 Keynote Lecture	
7:00PM					
7:30PM					WELCOME RECEPTION EXHIBIT HALL 7:15-8:45PM
8:00PM					

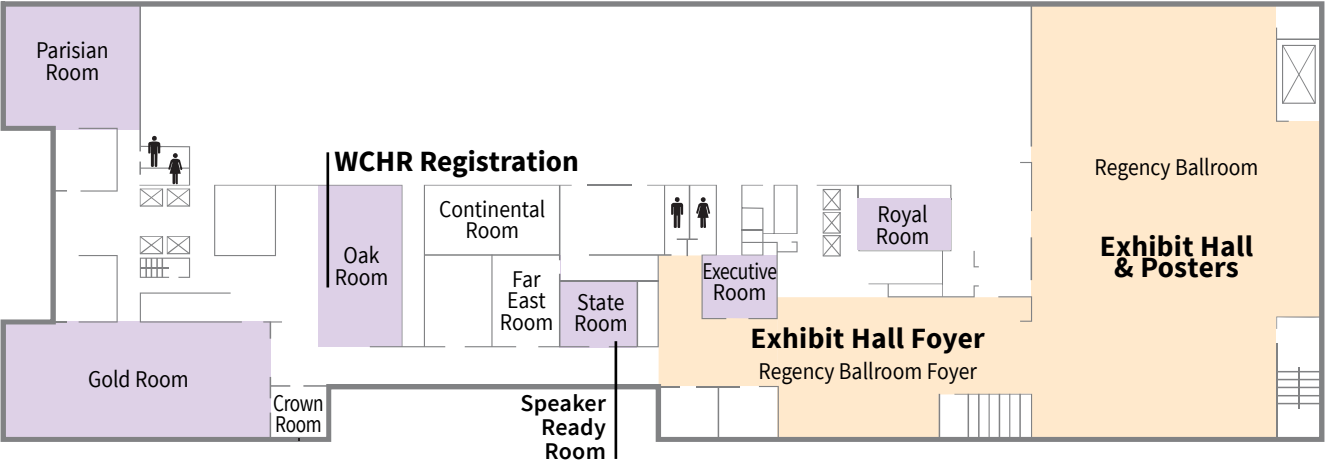
	SUNDAY • APRIL 7					MONDAY • APRIL 8					TUESDAY • APRIL 9				
	INTERNATIONAL BALLROOM	VENETIAN ROOM	GOLD ROOM	REGENCY BALLROOM & FOYER		POOL TERRACE & PAVILION ROOM	INTERNATIONAL BALLROOM	VENETIAN ROOM	GOLD ROOM	REGENCY BALLROOM & FOYER		INTERNATIONAL BALLROOM	VENETIAN ROOM	GOLD ROOM	
6:30AM														6:30AM	
7:00AM	SATELLITE SYMP 1 with Breakfast Sponsored by PFIZER													7:00AM	
7:30AM														7:30AM	
8:00AM										Exhibits and Posters	Coffee with the Experts			8:00AM	
8:30AM	SESSION 3 Cutting Edge Hair Research Technologies				Exhibits and Posters	SESSION 13 Plenary Session								8:30AM	
9:00AM							SESSION 24 Plenary Session							9:00AM	
9:30AM				SESSION 14 Keynote Lecture The Best of Dallas					Exhibits and Posters		SESSION 25 Keynote Lecture (Ebling Lecture)			9:30AM	
10:00AM	SESSION 4 Keynote Lecture													10:00AM	
10:30AM		Coffee Break EXHIBIT HALL		Live Patient Viewing	Coffee Break & Formal Poster Session (Even numbers)			Coffee Available				10:30AM			
11:00AM	SESSION 5 Male Pattern Hair Loss	SESSION 6 Hair Follicle Stem Cells			SESSION 15 Scarring Alopecias	SESSION 16 Hair Follicle Morphogenesis and Dermal Papilla	SESSION 17 Hair Care and Aesthetics	Exhibits and Posters		SESSION 26 Biology and Biophysics of Textured Hair	SESSION 27 Pediatric Hair Loss and Genodermatoses	SESSION 28 Hair Follicle Metabolism & Micronutrients		11:00AM	
11:30AM															
12:00PM													12:00PM		
12:30PM					 TOTAL SOLAR ECLIPSE with Lunch BEGINS 12:23 MAX AT 1:43 ENDS 3:02					SESSION 29 JAK Inhibitors in the Treatment of Hair Loss	SESSION 30 Psychosocial Burden of Hair Disorders & Outcome Measures	SESSION 31 Ethnobotany & Natural Compounds for Hair	12:30PM		
1:00PM	SATELLITE SYMP 2 with Lunch Sponsored by LILLY														1:00PM
1:30PM										Exhibits and Posters	SESSION 32 Closing Ceremony & Lunch			1:30PM	
2:00PM	SESSION 7 Alopecia Areata and Immunobiology	SESSION 8 Imaging and Trichoscopy Advances	SESSION 9 Live Patient Viewing Discussion	SESSION 18 Regenerative Medicine and Biologic Therapies		SESSION 19 Female Hair Loss, Hormones, and Aging	SESSION 20 Hair Follicle Micro-environment							2:00PM	
2:30PM															
3:00PM														3:00PM	
3:30PM	Coffee Break EXHIBIT HALL				Coffee Break & Formal Poster Session (Odd numbers)							3:30PM			
4:00PM	SESSION 10 Hair Restoration Surgery	SESSION 11 Great Cases from Around the World	SESSION 12 Single Cell Analysis of the Hair Follicle		SESSION 21 Photo-biomodulation and Lasers	SESSION 22 Hair Follicle Pigmentation, Cycling, and Senescence	SESSION 23 Hair Care and Management in Gender Diverse Patients	Exhibit Hall & Poster Tear Down				4:00PM			
4:30PM															
5:00PM												5:00PM			
5:30PM		Curbside Consults	Methods Matchmaking										5:30PM		
6:00PM	SATELLITE SYMP 3 Sponsored by L'OREAL												6:00PM		
6:30PM													6:30PM		
7:00PM					CONGRESS DINNER OFFSITE Gilley's Dallas 7:00-10:00PM									7:00PM	
7:30PM														7:30PM	
8:00PM														8:00PM	

LOBBY LEVEL | Ground Floor

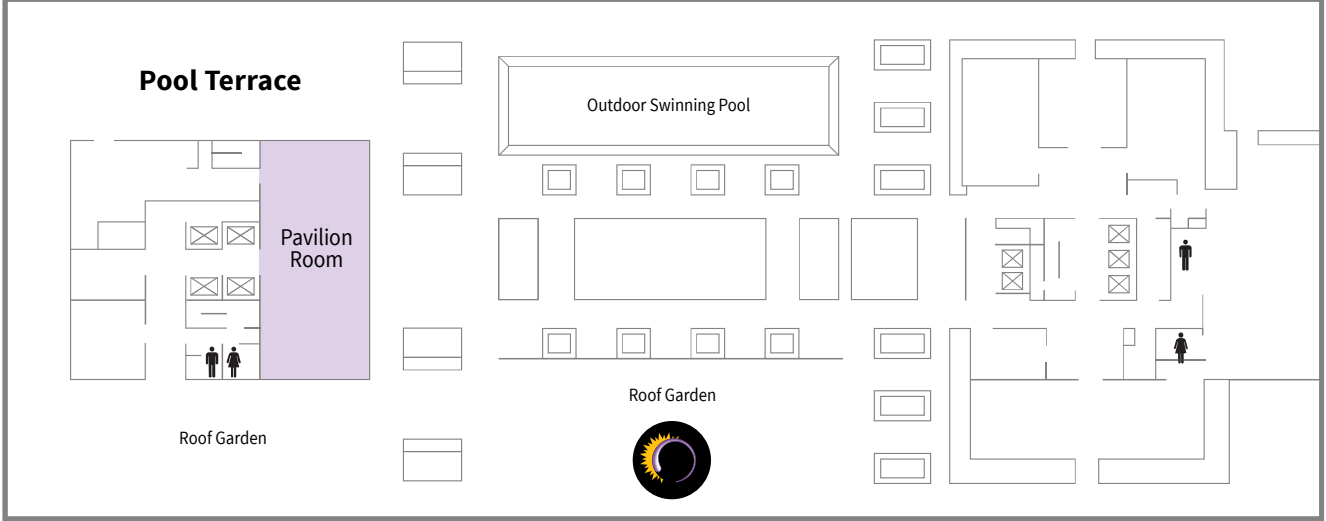
- ELEVATOR KEY
- L Ground floor | Lobby Level
 - B 2nd Floor | Banquet Level
 - T 3rd Floor | Terrace Level



BANQUET LEVEL | Second Floor



TERRACE LEVEL | Third Floor



SATURDAY • APRIL 6

10:00AM-7:00PM	Speaker Ready Room State Room
10:00AM-7:15PM	Registration Oak Room
11:00AM-12:30PM	AHRS BOD Meeting Far East Room <i>Invitation Only</i>
1:00PM-4:30PM	Exhibit Hall Set-up Regency Ballroom and Foyer
1:00PM-4:30PM	Poster Board Set-up Regency Ballroom
4:30PM-8:45PM	Exhibit & Poster Viewing Regency Ballroom and Foyer
7:15PM-8:45PM	Welcome Reception Regency Ballroom and Foyer
1:00PM-2:30PM	PRE-CONGRESS WORKSHOP 101 Basics of Mouse Hair Follicle Biology: Come and Learn from the Experts! Pavilion Room • <i>Ticket required</i>
	CHAIR Ralf Paus, MD USA <i>University of Miami Miller School of Medicine</i>
1:00PM-1:15PM 15	Introduction: Principles and Hair Follicle Cycling Ralf Paus, MD USA <i>University of Miami Miller School of Medicine</i>
1:15PM-1:20PM 5	Discussion
1:20PM-1:35PM 15	Hair Follicle Development Carlos Clavel, PhD Singapore <i>A*STAR Skin Research Labs</i>
1:35PM-1:40PM 5	Discussion
1:40PM-1:55PM 15	Interrogating Hair Follicle Stem Cells Mayumi Ito, PhD USA <i>New York University</i>
1:55PM-2:00PM 5	Discussion
2:00PM-2:15PM 15	Instructive Use of Mouse Mutants in Murine Hair Biology Research David Enshell-Seijffers, PhD <i>Israel Bar-Ilan University</i>
2:15PM-2:20PM 5	Discussion
2:20PM-2:30PM 10	Questions & Answers



R. Paus



C. Clavel



D. Enshell-Seijffers



M. Ito



M. Senna



C. Aguh



R. Dhurat



I. Doche



R. Farah



M. Gavazzoni



M. Hordinsky



C. Kindred



G. Kuka Epstein



A. McMichael

1:00PM-4:30PM

PRE-CONGRESS WORKSHOP 102

Management of Hair Patients: Clinical Pearls and Practical Approaches

Parisian Room • Ticket required

CHAIR

Maryanne Makredes Senna, MD | USA | *Lahey Hospital and Medical Center*

CO-CHAIR

Crystal Aguh, MD | USA | *Johns Hopkins School of Medicine*

1:00PM-1:05PM

5

Welcome & Introductions

Maryanne Makredes Senna, MD | USA | *Lahey Hospital and Medical Center*

1:05PM-2:20PM

SESSION 1

Diagnosis: Learning from the Experts: What's your Diagnosis and How Do You Treat That?

MODERATORS

Natasha Mesinkovska, MD, PhD | USA | *University of California, Irvine*

Jerry Shapiro, MD | USA | *New York University Grossman School of Medicine*

1:05PM-1:10PM

5

CASE 1: FFA vs. Traction Alopecia in Black Female

1:10PM-1:20PM

10

Discussion

PANELISTS

Crystal Aguh, MD | USA | *Johns Hopkins School of Medicine*

Amy McMichael, MD | USA | *Wake Forest University School of Medicine*

1:20PM-1:30PM

10

Questions & Answers

1:30PM-1:35PM

5

CASE 2: Treatment Resistant LPP

1:35PM-1:45PM

10

Discussion

PANELISTS

Isabella Doche, MD, PhD | Brazil | *University of Sao Paulo*

Natasha Mesinkovska, MD, PhD | USA | *University of California, Irvine*

Divya Sharma, MD | USA | *Kaiser Permanente*

1:45PM-1:55PM

10

Questions & Answers

1:55PM-2:00PM

5

CASE 3: Moderate to Severe Female Pattern Hair Loss vs FAPD

2:00PM-2:05PM

10

Discussion

PANELISTS

Maria Fernanda Gavazzoni, MD | Brazil | *Universidade Federal Fluminense*

Maria Hordinsky, MD | USA | *University of Minnesota*

Jerry Shapiro, MD | USA | *New York University Grossman School of Medicine*

2:05PM-2:15PM

10

Questions & Answers

2:20PM-3:30PM

SESSION 2

Procedures for the Treatment of Alopecia

MODERATORS

Isabella Doche, MD, PhD | Brazil | *University of Sao Paulo*

Ronda Farah, MD | USA | *University of Minnesota*

2:20PM-2:30PM

10

Trichoscopy and Hair Follicle Imaging

Antonella Tosti, MD | USA | *University of Miami Miller School of Medicine*

2:30PM-2:40PM

10

Mesotherapy

Sergio Vano-Galvan, MD, PhD | Spain | *Ramón y Cajal University*

2:40PM-2:50PM

10

Scalp Lasers

Ronda Farah, MD | USA | *University of Minnesota*

2:50PM-3:00PM

10

Microneedling

Rachita Dhurat, MD | India | *LTMMC and LTMG Hospital*

3:00PM-3:10PM

10

Hair Transplantation

Meena Singh, MD | USA | *KMC Hair Center Kansas Medical Clinic*

3:10PM-3:20PM

10

PRP and Exosomes

Maria Hordinsky, MD | USA | *University of Minnesota*

Neil Sadick, MD | USA | *Weill Cornell Medicine*

3:20PM-3:30PM

10

Questions & Answers

3:30PM-3:50PM

20

Coffee Break

3:50PM- 4:30PM

SESSION 3

Pearls for Optimizing Hair Loss Clinic

MODERATORS

Maria Fernanda Gavazzoni, MD | Brazil | *Universidade Federal Fluminense*

Chesahna Kindred, MD, MBA | USA | *Kindred Hair & Skin Center*

3:50PM-4:00PM

10

Working with Hair Stylists as Part of Your Clinical Practice

Chesahna Kindred, MD, MBA | USA | *Kindred Hair & Skin Center*

Understand how to work with hair stylists in the community or in your own practice to increase knowledge and improve patient outcomes

4:00PM-4:10PM

10

Making the Most of Telemedicine

Gorana Kuka Epstein, MD | Serbia | *Hair Center Serbia*

4:10PM-4:20PM

10

Artificial Intelligence: Pros, Cons and What to Expect

Ronda Farah, MD | USA | *University of Minnesota*

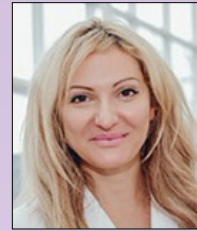
Discuss the current devices using AI, skin printing, dermoscopy and tricoscopy.

4:20PM-4:30PM

10

Questions & Answers and Final Wrap-Up

Crystal Aguh, MD | USA | *Johns Hopkins School of Medicine*



N. Mesinkovska



N. Sadick



J. Shapirio



D. Sharma



M. Singh



A. Tosti



S. Vano-Galvan



L. Petukhova



A. Mostaghimi



D. Canfield



N. Mesinkovska



N. Sadick



N. Dlova



M. Harries



N. El Kadi



S. Jackson



N. Lortkipanidze



O. Raymond



L. Rose

1:00PM-4:30PM

PRE-CONGRESS WORKSHOP 103 Translational Research Symposium

Gold Room

1:00PM-2:30PM

SESSION 1 New Tools for Hair Loss Research

CHAIR

Lynn Petukhova, PhD | USA | *NYU*

CO-CHAIR

Arash Mostaghimi, MD, MPA, MPH | USA | *Brigham and Women's Hospital*

1:00PM

2

Welcome & Introductions

Lynn Petukhova, PhD | USA | *NYU Langone Health*

1:02PM

17 min + 3 min QA

Development of Novel Patient Reported Outcome Measures in Alopecia Areata: When Responses and Outcomes are Not Linear

Arash Mostaghimi, MD, MPA, MPH | USA | *Brigham and Women's Hospital*

1:22PM

10 min + 2 min QA

Clinical Research Methods for Rigorously Evaluating Novel Therapies for Hair Loss Disorders

Neil Sadick, MD | USA | *Weill Cornell Medicine*

1:34PM

17 min + 3 min QA

Harnessing Population-Wide Data in Digital Biobanks to Improve the Clinical Management of Hair Follicle Disorders

Lynn Petukhova, PhD | USA | *NYU Langone Health*

1:54PM

15 min + 3 min QA

Quantitative Imaging for Hair Loss Driven by Artificial Intelligence

Douglas Canfield, CEO | USA | *Canfield Scientific*

2:12PM

15 min + 3 min QA

The Social Strands: Hair Science in the Age of Social Media

Natasha Mesinkovska, MD, PhD | USA | *University of California, Irvine*

2:30PM-3:00PM

30

Coffee Break

3:00PM-4:30PM

SESSION 2 Advancing Health Equity in Hair Loss Research

CHAIR

Ncoza Dlova, MD | South Africa | *University of KwaZulu-Natal*

CO-CHAIR

Matthew Harries, PhD | United Kingdom | *University of Manchester*

3:00PM

3

Welcome & Introductions

3:03PM

10 min + 2 min QA

What is Normal Afro Textured Hair and Scalp Trichoscopy?

Ncoza Dlova, MD | South Africa | *University of KwaZulu-Natal*

3:15PM

10 min + 2 min QA

Availability of Cranial Hair Prostheses for Black Patients at Comprehensive Cancer Centers

Lucy Rose, MA | USA | *The Ohio State University*

3:27PM

10 min + 2 min QA

Inclusive Protocols for Participants Who Wear Hijabs in Alopecia Clinical Trials

Shanelle Jackson, BS | USA | *University of Pennsylvania*

3:39PM

10 min + 2 min QA

Trichoscopy Features in the Healthy Dark Skin Female

Nadia El Kadi, MD, MSc | Brazil | *Federal Fluminense University*

3:51PM

10 min + 2 min QA

Common Psychotrichological Disorders

Nino Lortkipanidze, MD, PhD | Georgia | *David Tvildiani Medical University*

4:03PM

10 min + 2 min QA

Three Do's and Don'ts When Parting Curly Hair Types for Artificial Intelligence-driven Trichoscopic Photography

Ora Raymond, BA | USA | *University of Minnesota Medical School*

4:15PM

10 min + 2 min QA

Hair Loss Research: Health inequality in the UK and Perspectives

Matthew Harries, PhD | United Kingdom | *University of Manchester*

4:27PM

3

Closing Remarks

3:00PM-4:30PM

PRE-CONGRESS WORKSHOP 104

The Who, What, Where and Why of Trichology

Pavilion Room • Ticket required

Trichology is the study of hair and scalp science and includes diagnosis, treatment and advice. **Trichologists** are typically non-medical professionals, having received appropriate trichology education, practicing in the private sector, and some are hair researchers. Trichologists have a range of formal education from hair dressing up to PhD level in some cases. However, medically trained doctors specializing in hair and scalp problems, diagnosis, research, and patient treatment are often also referred to as **Trichologists**, with variations by country and region. There is confusion in terminology, educational levels and qualifications, researcher engagement, professional regulation, and standards of practice that merit a closer look.

This session **The Who, What, Where and Why of Trichology**, will deliver perspectives on the definition and roles of **Trichologists** in the patients' journey to manage their hair and scalp problems. Short talks will be followed by a panel discussion which will consider:

- Should there be a global definition of a clinical trichologist and their role in the patient pathway?
- Is training for trichology practice properly recognized by the medical profession?
- Should the profession of the trichologist be regulated?
- What is the relationship between the trichologist, dermatologist and general practitioner in the patient pathway and how can this be improved?
- How could the hair research community encourage trichologists to participate in front-line research in scalp and hair science?

Who should attend? This session is open to everyone who wishes to understand trichology as a specialty/profession and who are interested to contribute to a future perspective on this area of scalp and hair science and practice.

DIRECTOR

Gillian Westgate, PhD | United Kingdom | *University of Bradford*

CO-DIRECTOR

David Kingsley, PhD | USA | *World Trichology Society*

3:00PM
15
Welcome and Introduction: History of Trichology and the Major Global Trichological Organizations
Gillian Westgate, PhD | United Kingdom | *University of Bradford*

3:15PM
20
The Role of the Trichologist and How They Add Value Within the Patient Pathway
David Kingsley, PhD | USA | *World Trichology Society*
Kimberly Jenkins | USA | *World Trichology Society*

3:35PM
15
Interdisciplinary Insights: Addressing Unmet Needs in Textured Hair Care for Enhanced Patient/Client Outcomes
Crystal Porter, PhD | USA | *Mane Insights, Inc.*

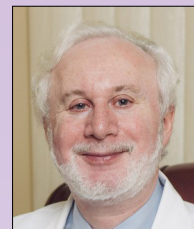
3:50PM
15
The Approach of the Dermatologist to Hair and Scalp Issues Beyond Trichology
Antonella Tosti, MD | USA | *University of Miami Miller School of Medicine*

4:05PM
20
Speaker Panel Discussion and Future Perspectives
All Speakers

4:25PM
5
Concluding Remarks
Gill Westgate, PhD | United Kingdom | *University of Bradford*



G. Westgate



D. Kingsley



K. Jenkins



C. Porter



A. Tosti



A. Christiano



W. Bergfeld



R. Sinclair



W. Wu



C. Higgins



M. Ohyama



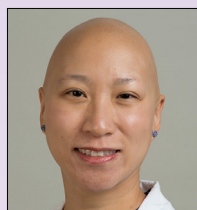
O. Kwon



A. Panteleyev



Y. Ovcharenko



C. Goh



Y. Ramot



M. Bertolini



J. Chen



Q. Chen



B. King



R. Paus

5:00PM-6:25PM

SESSION 1
Opening Ceremony & Plenary Session

International Ballroom

CHAIR

Angela M. Christiano, PhD | USA | *American Hair Research Society*

CO-CHAIRS

Wilma F. Bergfeld, MD | USA | *International Federation of Hair Research Societies*

Rodney Sinclair, MD | Australia | *Australasian Hair and Wool Research Society*

Wenyu Wu, MD, PhD | China | *Chinese Hair Research Society*

Claire Higgins, PhD | United Kingdom | *European Hair Research Society*

Manabu Ohyama, MD, PhD | Japan | *Society for Hair Science and Research*

Ohsang Kwon MD, PhD | Korea | *Korean Hair Research Society*

Andrey Panteleyev, PhD | Russia | *Russian Hair Research Society*

Yuliya S. Ovcharenko, MD, PhD | Ukraine | *Ukrainian Hair Research Society*

5:00PM

2

Welcome

5:02PM

10

Greetings from the IFHRS Societies

5:12PM

3

Remarks from Lilly

Najwa Somani, MD | *Associate Vice President - Olumiant Indication Lead Global and US Medical Affairs*

5:15PM

3

Remarks from Pfizer

Anthony J. Zygmunt, PharmD | *US Dermatology Lead*

5:18PM

3

Remarks from Sun Pharma

5:25PM

2

001 Introduction

CHAIR

Carolyn Goh, MD | USA | *University of California, Los Angeles*

CO-CHAIRS

Yuval Ramot, MD, MSc | Israel | *Hadassah Medical Center*

5:27PM

10 min + 2 min QA

002 Single-cell Sequencing Combined with Spatial Transcriptomics Describes the Follicular and Peri-follicular Tissue Structure and Molecular Biology Features of Scarring Alopecia

Qitao Chen | China | *Wuxi People's Hospital*

5:39PM

10 min + 2 min QA

003 Composition, Distribution, Abundance, Viability, and Functional Effects of the Human Hair Follicle Microbiome

Marta Bertolini, PhD | Germany | *Monasterium Laboratory Skin and Hair Research Solutions GmbH*

5:51PM

10 min + 2 min QA

004 The Common Fragrance, Linalool, Promotes Core Pathology Events Associated with Frontal Fibrosing Alopecia in Human Scalp Hair Follicles Ex Vivo

Ralf Paus, MD | USA | *University of Miami Miller School of Medicine*

6:03PM

10 min + 2 min QA

005 Among Scalp Non-responder Patients with Eyebrow/eyelash Regrowth in the First Year, Continued Treatment with Baricitinib Resulted in Meaningful Scalp Responses for Patients with Severe Alopecia Areata

Brett King, MD, PhD | USA | *Yale School Of Medicine*

6:15PM

10 min + 2 min QA

006 Understanding Hair Loss Caused by Hedgehog Inhibitors in BCC and BCNS Syndrome Patients

Jiang Chen, MD | USA | *Stony Brook University*

6:27PM

3

007 Closing Remarks

Carolyn Goh, MD | USA | *University of California, Los Angeles*

6:30PM-7:15PM

SESSION 2**Keynote Lecture**

International Ballroom

CHAIR

Luis Garza, MD, PhD | USA | *Johns Hopkins University School of Medicine*

CO-CHAIR

Samantha Eisman, MBChB | Australia | *Sinclair Dermatology*6:35PM **008 Welcome and Introduction**

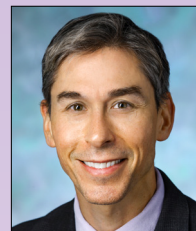
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6:37PM **009 The Effects of Stress on Graying of Hair**

35

Ya-Chieh Hsu, PhD | *Harvard University*7:12PM **010 Closing Remarks**

3

Samantha Eisman, MBChB | Australia | *Sinclair Dermatology*

L. Garza



S. Eisman

KEYNOTE**Ya-Chieh Hsu, PhD** | *Professor, Harvard University***The Effects of Stress on Graying of Hair**

Ya-Chieh Hsu is a Professor of Stem Cell and Regenerative Biology, a Principal Faculty Member at the Harvard Stem Cell Institute, and an associate member of the Broad Institute.

The Hsu laboratory seeks to understand the principles and molecular nature of cell-cell interactions governing development, regeneration, and injury repair using the mammalian skin— an accessible organ with diverse cell types and multiple populations of somatic stem cells.



Welcome RECEPTION

DATE Saturday | April 6, 2024

TIME 7:15PM-8:45PM

FEE No extra fee required for registered attendees
Guest Tickets are \$95 USD

LOCATION Regency Ballroom, Fairmont Dallas

Join us in the exhibit hall at the end of our first day of sessions to socialize, unwind, view the poster presentations and visit with the exhibitors.

This event is open to all registered meeting attendees. Attendees may purchase an extra ticket for accompanying guest(s) during the registration process.

Cocktails and hors d'oeuvres will be served.





J. Seykora



R. Paus



A. Ji



K. Khostrotrahani



N. Tissot

SUNDAY • APRIL 7

7:00AM-6:00PM	Speaker Ready Room State Room
7:00AM-6:00PM	Registration Oak Room
7:30AM-8:20AM	IFHRS Board Meeting Far East Room <i>Invitation Only</i>
8:30AM-4:30PM	Exhibit & Poster Viewing Regency Ballroom and Foyer
7:00AM-8:00AM	SATELLITE SYMPOSIUM 1 Non-CME Alopecia Areata Educational Breakfast Program Brought to you by Pfizer, Inc. with breakfast Sponsored by Pfizer International Ballroom • <i>Ticket required</i> 
8:30AM-10:00AM	SESSION 3 Cutting Edge Hair Research Technologies International Ballroom CHAIR John Seykora, MD, PhD USA <i>University of Pennsylvania Perelman School of Medicine</i> CO-CHAIR Ralf Paus, MD USA <i>University of Miami Miller School of Medicine</i>
8:30AM 10	011 Welcome & Introductions John Seykora, MD, PhD USA <i>University of Pennsylvania Perelman School of Medicine</i>
8:35AM 20 min + 5 min QA	012 Single Cell RNA Sequencing and Spatial Transcriptomics Andrew Ji, MD USA <i>Icahn School of Medicine at Mount Sinai</i>
9:00AM 20 min + 5 min QA	013 Applying iPSC-Derived Skin Organoids to Regenerative Medicine and Investigative Dermatology Kiarash Khostrotrahani, MD, PhD Australia <i>The University of Queensland</i>
9:25AM 20 min + 5 min QA	014 Hair Follicle Imaging Nicolas Tissot, PhD France <i>L'Oréal</i>
9:50AM 10	Panel Q&A

10:00AM-10:30AM

SESSION 4
Keynote Lecture

International Ballroom

CHAIR

Daniel Asz-Sigall, MD | Mexico | *Dr. Manuel Gea González General Hospital*

CO-CHAIR

Rachita Dhurat, MD | India | *LTMMC and LTMG Hospital*10:00AM **015 Welcome & Introduction**

2

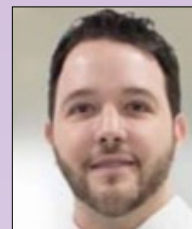
Daniel Asz-Sigall, MD | Mexico | *Dr. Manuel Gea González General Hospital*10:02AM **016 Chemotherapy Induced Hair Loss**

25

Mario E. Lacouture, MD | USA | *NYU Grossman Long Island School of Medicine*10:27AM **Q&A**

3

10:30AM-11:00AM

Coffee Break | Regency Ballroom and Foyer

D. Asz-Sigall



R. Dhurat

KEYNOTE**Mario E. Lacouture, MD** | Professor, NYU Grossman Long Island School of Medicine
Chemotherapy Induced Hair Loss

Dr. Lacouture is Professor, Department of Medicine at NYU Grossman Long Island School of Medicine, Medical Director of the Symptom Management Program at, Perlmutter Cancer Center - Long Island, and Chief, Dermatology, NYU Langone Hospital - Long Island. He did his postdoctoral work at Brigham and Women's Hospital in Boston, MA, an internship in General Surgery at Cleveland Clinic and residency in dermatology at The University of Chicago, IL. He received his M.D. degree from Javeriana University in Bogota, Colombia, where he grew up. His research interests span the disciplines of dermatologic conditions in cancer patients, and those that arise as a consequence of chemotherapy and/or radiotherapy or stem cell transplants.



10:30AM-11:30AM

Live Patient Viewing

Gold Room

Several patients/cases will be available for live viewing in the Gold Room. Come and view the cases from 10:30AM-11:30AM, and then join us for the discussion during Session 9, beginning at 2:00PM, also in the Gold Room.

CHAIR

Paradi Mirmirani, MD | USA | *University of California, San Francisco*

CO-CHAIR

Katherine Ayoade, MD, PhD | USA | *The University of Texas Southwestern Medical Center*

P. Mirmirani



K. Ayoade



K. Washenik



R. Panchaprateep



U. Blume-Peytavi



P. Feldman



X. Song



S. Vano Galvan

11:00AM-12:30PM

SESSION 5

Male Pattern Hair Loss

International Ballroom

This session will focus on the current status of agents currently in clinical use in the treatment of androgenetic alopecia as well as some investigational compounds. Both on-label and off-label use of currently available medications in a number of formulations will be discussed. Clinical experience and reports on regenerative approaches used in treating patients with androgenetic alopecia will also be reviewed.

CHAIR

Ken Washenik, MD, PhD | USA | *New York University School of Medicine*

CO-CHAIR

Ratchathorn Panchaprateep, MD, PhD | Thailand | *Chulalongkorn University*

11:00AM 017 Welcome & Introductions

5

Ken Washenik, MD, PhD | USA | *New York University School of Medicine*

11:05AM 018 Novel Treatments for Androgenetic Alopecia

17 min + 3 min QA

Ratchathorn Panchaprateep, MD, PhD | Thailand | *Chulalongkorn University*

11:25AM 019 Reversal of AGA Miniaturized Hairs Observed in Follicular Units over 5 Years

8 min + 2 min QA

Peter Feldman, PhD | Canada | *University of East Anglia*

11:35AM 020 Efficacy and Safety of Topical Finasteride for treatment of Androgenetic Alopecia

17 min + 3 min QA

Ulrike Blume Peytavi, MD | Germany | *Charité-Universitaetsmedizin*

11:55AM 021 TRPML Mediated Autophagy Participates in Hair Regeneration in Androgenetic Alopecia

8 min + 2 min QA

Xiuzu Song, PhD | China | *Zhejiang University School of Medicine*

12:05PM 022 Safety of Low-Dose Oral Minoxidil in Patients With Hypertension and Arrhythmia

17 min + 3 min QA

Sergio Vano Galvan, MD, PhD | Spain | *Ramón y Cajal University*

12:25PM 023 Closing Remarks

5

Ratchathorn Panchaprateep, MD, PhD | Thailand | *Chulalongkorn University*

11:00AM-12:30PM

SESSION 6**Hair Follicle Stem Cells**

Venetian Room

This session will present the forefront of research and insights into real-time visualization of hair follicle stem cells, the development of organoids for modeling hair growth, and the intricate regulatory mechanisms within the microenvironment that influence stem cell behavior, offering a comprehensive exploration of the latest technologies and discoveries in the field.

CHAIR

Sarah Millar, PhD | USA | *Icahn School of Medicine at Mount Sinai*

CO-CHAIR

David Enshell-Seijffers, PhD | Israel | *Bar-Ilan University***11:00AM 024 Welcome & Introductions**

5

Sarah Millar, PhD | USA | *Icahn School of Medicine at Mount Sinai***11:05AM 025 Mechanisms Coordinating Hair Follicle Stem Cell Quiescence and Activation**

17 min + 3 min QA

Sarah Millar, PhD | USA | *Icahn School of Medicine at Mount Sinai***11:25AM 026 Hair Follicle Organoids Derived from Human Hair Follicle Stem Cells and Fibroblasts**

8 min + 2 min QA

Weiling Lian, PhD | China | *Fudan University Huashan Hospital***11:35AM 027 Mesenchymal Niche Formation by Two Intersecting Morphogen Gradients**

17 min + 3 min QA

Peggy Myung, MD, PhD | USA | *Yale University***11:55AM 028 HIF1 α - and ARNT-Related Cell State Transitions and Fate Divergence During the Human Hair Follicle Cycle**

8 min + 2 min QA

Andrey A. Panteleyev, PhD | Russia | *NRC Kurchatov Institute***12:05PM 029 Hair-Follicle Mesenchymal Stem Cell Activity During Homeostasis and Wound Healing**

17 min + 3 min QA

David Enshell-Seijffers, PhD | Israel | *Bar-Ilan University***12:25PM 030 Closing Remarks**

5

David Enshell-Seijffers, PhD | Israel | *Bar-Ilan University*

S. Millar



D. Enshell-Seijffers



W. Lian



P. Myung



A. Panteleyev



B. King



B. Craiglow

12:45PM-1:45PM

SATELLITE SYMPOSIUM 2

Understanding JAK Selectivity and Critical Appraisal of Trials in Severe AA: Application to Clinical Decision Making



with Lunch Sponsored by Lilly

International Ballroom • Ticket required

Activity Overview

Alopecia areata (AA) can be physically and psychologically devastating to patients. Janus kinase (JAK) inhibitors are transforming the treatment of AA. Emerging Phase 3 data from clinical trials of JAK inhibitors in AA shows improved patient outcomes. This activity will critically review the data and how it can be leveraged in clinical decision-making for patients with severe AA.

Learning Objectives

- Understand the rationale and relevance of JAK inhibitors on the pathophysiology of alopecia areata to (AA)
- Become familiar with the Phase 3 clinical trials for severe AA and how to critically appraise the potential impact of study design elements

FACULTY

Brett King, MD, PhD | Associate Professor of Dermatology, Yale School of Medicine, New Haven, Connecticut, USA

Brittany Craiglow, MD | Associate Adjunct Professor, Yale School of Medicine, New Haven, Connecticut, USA

Welcome and introductions

Brett King, MD, PhD

Closing remarks

Brittany Craiglow, MD

What is the rationale for JAK inhibitors in alopecia areata?

Faculty

A critical review of data for the approved JAK inhibitors in alopecia areata

Faculty

Q&A

Closing remarks

Brittany Craiglow, MD

2:00PM-3:30PM

SESSION 7

Alopecia Areata and Immunobiology

International Ballroom

The latest treatment advances for alopecia areata will be discussed. The FDA approved Jak inhibitors in terms of results, as well as durability, tapering and monitoring will be emphasized. The most recent results with Deuruxolitinib, another new Jak inhibitor will be highlighted. The latest basic science of immune privilege in the humanized mouse model will be revealed as well as ex vivo models will be introduced.

CHAIR

Jerry Shapiro, MD | USA | *New York University Grossman School of Medicine*

CO-CHAIR

Kevin McElwee, PhD | United Kingdom | *University of British Columbia*

2:00PM 031 Welcome & Introductions

5

Jerry Shapiro, MD | USA | *New York University Grossman School of Medicine*

2:05PM 032 Treatment Advances in Alopecia Areata

17 min + 3 min QA

Jerry Shapiro, MD | USA | *New York University Grossman School of Medicine*

2:25PM 033 Regulatory gammadeltaT Cells Protect Human Scalp Hair Follicles from Alopecia Areata in Vivo

8 min + 2 min QA

Amos Gilhar, MD | Israel | *Technion – Israel, Institute of Technology*

2:35PM 034 Interrogation of Alopecia Areata Using Ex Vivo Models

17 min + 3 min QA

Marta Bertolini, PhD | Italy | *Monasterium Laboratory Skin and Hair Research Solutions GmbH*

2:55PM 035 Deuruxolitinib Achieves Significant Scalp Hair Regrowth in Adult Patients with Moderate to Severe Alopecia Areata: Efficacy Results from the Multinational, Placebo-controlled THRIVE-AA2 Phase 3 Trial

8 min + 2 min QA

James Cassella, PhD | USA | *Sun Pharma*

3:05PM 036 A Case Series to Evaluate the Use of Fractional Non-Ablative Laser Treatment in Alopecia Areata

8 min + 2 min QA

Neil Sadick, MD | USA | *Weill Cornell Medicine*

3:15PM 037 Building bridges-The Global Registry of Alopecia Areata Disease Severity and Treatment Safety (GRASS): Outcomes from the Pilot Phase & Next Steps

8 min + 2 min QA

Dmitri Wall, MD | Ireland | *University College Dublin, School of Medicine*

3:25PM 038 Closing Remarks

5

Kevin McElwee, PhD | United Kingdom | *University of British Columbia*

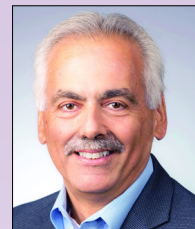

J. Shapiro



K. McElwee



M. Bertolini



J. Cassella



A. Gilhar



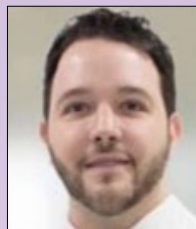
N. Sadick



D. Wall



A. Tosti



D. Asz-Sigall



A. Duong



A. McMichael



I. Obeime

2:00PM-3:30PM

SESSION 8

Imaging and Trichoscopy Advances

Venetian Room

Learn how technology helps in the diagnosis and management of hair disorders.

CHAIR

Antonella Tosti, MD | USA | *University of Miami Miller School of Medicine*

CO-CHAIR

Daniel Asz-Sigall, MD | Mexico | *Dr. Manuel Gea González General Hospital*

2:00PM 039 Welcome & Introductions

5

Antonella Tosti, MD | USA | *University of Miami Miller School of Medicine*

2:05PM 040 Innovative Use of Teletrichoscopy during Teledermatology Visits for Diagnosis of Hair Disorders

17 min + 3 min QA

Antonella Tosti, MD | USA | *University of Miami Miller School of Medicine*

2:25PM 041 Preferential Laterality in Scalp Hair Density

8 min + 2 min QA

Amanda N. Duong, BS | USA | *University of California, Irvine*

2:35PM 042 Clinical Factors and Hair Care Practices Influencing Outcomes in Central Centrifugal Cicatricial Alopecia

17 min + 3 min QA

Amy McMichael, MD | USA | *Wake Forest University School of Medicine*

2:55PM 043 Central Centrifugal Cicatricial Alopecia: Trichoscopy and Epidemiology

8 min + 2 min QA

Ivie Obeime, DO | USA | *Wake Forest School of Medicine*

3:05PM 044 Emergence of Secondary Alopecias from Surgical and Cosmetic Procedures

8 min + 2 min QA

Daniel Asz-Sigall, MD | Mexico | *Dr. Manuel Gea González General Hospital*

3:25PM 045 Closing Remarks

5

Daniel Asz-Sigall, MD | Mexico | *Dr. Manuel Gea González General Hospital*

2:00PM-3:30PM

SESSION 9
Live Patient Viewing Discussion

Gold Room

This session will review diagnostic and therapeutic challenges highlighted by the live patient session. A panel of international experts has been convened to provide insights and pearls and will discuss their approaches to each patient.

CHAIR

Paradi Mirmirani, MD | USA | *University of California, San Francisco*

CO-CHAIR

Katherine Ayoade, MD, PhD | USA | *The University of Texas Southwestern Medical Center*
2:00PM 046 Welcome & Introductions

5

Paradi Mirmirani, MD | USA | *University of California, San Francisco*
2:05PM Panel Discussion

30

PANELISTS

047 Rodney Sinclair, MD | Australia | *University of Melbourne*
048 Ratchathorn Panchaprateep, MD, PhD | Thailand | *Chulalongkorn University*
049 Maria Hordinsky, MD | USA | *University of Minnesota*
050 Matthew Harries, PhD | United Kingdom | *University of Manchester*
2:35PM 051 Adolescent Male Presenting as Cicatricial Female Pattern Hair Loss

10 min + 3 min QA

Guanghui Shao | China | *Nanjing Medical University*
2:48PM 052 Yellow Dots in Frontal Fibrosing Alopecia: Report of Three Cases

10 min + 3 min QA

Andrei Doroshkevich, MD | Russia | *Center of Hair Treatment and Transplantation*
3:02PM 053 Discontinuation and Restart of Jakis During and After Pregnancy: A Case Series

10 min + 3 min QA

Chino Ogbutor, BA | USA | *Lahey Hospital & Medical Center*
3:15PM 054 Final Questions & Answers

15

Katherine Ayoade, MD, PhD | USA | *The University of Texas Southwestern Medical Center*

3:30PM-4:00PM

Coffee Break | Regency Ballroom

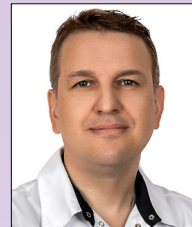
3:30PM-4:00PM

EHRS BOD Meeting | Far East Room *Invitation Only*


P. Mirmirani



K. Ayoade



A. Doroshkevich



M. Harries



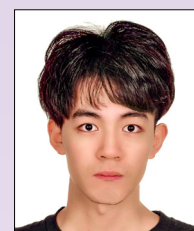
M. Hordinsky



C. Ogbutor



R. Panchaprateep



G. Shao



R. Sinclair



N. Rogers



A. Tykocinski



R. Cova-Martín



N. Otberg



M. Pitchon



Y. Wu

4:00PM-5:30PM

SESSION 10

Hair Restoration Surgery

International Ballroom

Today's hair transplant patient has more choices than ever in terms of harvesting techniques and congruent medical therapies, but their final results still depend on the creative and ethical workmanship of their surgeon, in order to preserve the donor area while maximizing the natural cosmetic outcome in the grafted area. This session will focus on contemporary techniques, challenging situations, and provide pearls and inspiration to those who are both new to and experienced in the field of hair restoration.

CHAIR

Nicole Rogers, MD | USA | *Tulane University*

CO-CHAIR

Arthur Tykocinski, MD | Brazil | *Tykocinski Hair Transplant*

4:00PM 055 Welcome & Introductions

5

Nicole Rogers, MD | USA | *Tulane University*

4:05PM 056 Advances in Hair Restoration for Curly and Textured Hair

12 min + 3 min QA

Nicole Rogers, MD | USA | *Tulane University*

4:20PM 057 Hair Transplantation in Decalvans Folliculitis.

8 min + 2 min QA

Efficacy Assessment in a Series of Nine Patients in Real Practice.

Ruth Cova-Martín, MD | Spain | *Hospital Universitario Ramón y Cajal*

4:30PM 058 Integrating Hair Transplantation into Dermatology Practices

12 min + 3 min QA

Arthur Tykocinski, MD | Brazil | *Tykocinski Hair Transplant*

4:45PM 059 Treatment of Vitiligo-Associated Leukotrichia Using a Trichiasis Electrolyzer and Single Hair Follicle Transplantation

8 min + 2 min QA

Yi Wu, MD | China | *Hangzhou Third People's Hospital*

4:55PM 060 Evolution and Advances in Hair Restoration Surgery

12 min + 3 min QA

Marcelo Pitchon, MD | Brazil | *Pitchon Hair Transplant Center*

5:10PM 061 Challenging Cases and Surgical Solutions

12 min + 3 min QA

Nina Otberg, MD | Germany | *Otberg Medical, Hairtransplant Center Berlin – Potsdam*

5:25PM 062 Closing Remarks

5

Arthur Tykocinski, MD | Brazil | *Tykocinski Hair Transplant*

4:00PM-5:30PM

SESSION 11
Great Cases from Around the World

Venetian Room

In this interactive and dynamic session, interesting and unique cases from all over the world will be presented. Participants will be encouraged to interact asking questions and providing highlights during the discussion time.

CHAIR

Isabella Doche, MD, PhD | Brazil | *University of Sao Paulo*

CO-CHAIR

Abraham Zlotogorski, MD | Israel | *Hadassah Medical Center*
4:00PM 063 Welcome & Introductions

3 Isabella Doche, MD, PhD | Brazil | *University of Sao Paulo*
4:03PM 064 Cicatricial Alopecia Related to Folliculotropic Mycosis Fungoides: A Case Report and Literature Review

5 Ruiming Hu, MD | China | *Huashan Hospital, Fudan University*
4:08PM 065 IFAP Syndrome: A Case Series

5 Can Cui | China | *Beijing Tongren Hospital, Capital Medical University*
4:13PM 066 Trichoscopy Findings of Syringoid Eccrine Carcinoma in Scalp

5 Ana Cristina R. Fonseca, MD | Brazil | *Instituto Mاريو Recoder*
4:18PM 067 Half-scalp Alopecia Caused by Endovascular Embolization Treatment: A Case Report

5 Xi Chen | China | *Beijing Tongren Hospital, Capital Medical University*
4:23PM Discussion

8

4:31PM 068 Lichen Planopilaris Mimicking Erosive Pustular Dermatitis of the Scalp: Report of Two Cases

5 Qitao Chen | China | *Nanjing Medical University*
4:36PM 069 Pressure Alopecia as a Side Effect of Lateral Face Lift

5 Olga Busko, MD | Ukraine | *Private Practice*
4:41PM 070 Hair Restoration Surgery as Single Treatment for Cutis Verticis Gyrata

5 Leila D. Bloch, MD, PhD | Brazil | *Clinica Bloch*
4:46PM 071 Central Centrifugal Cicatricial Alopecia in Men

5 Ivie Obeime, DO | USA | *Wake Forest School of Medicine*
4:51PM Discussion

8

4:59PM 072 Trichoscopic Findings and Detection of Treponema Pallidum Through Polymerase Chain Reaction in Syphilitic Alopecia: Report of 5 Cases

5 Danielle Cristine Westphal, MD | Brazil | *Alfredo da Matta Foundation*
5:04PM 073 Frontal Fibrosing Alopecia as Facial Dermatitis

5 Aida Gadzhigoreeva, MD | Russia | *Moscow Scientific and Practical Center for Dermatovenereology and Cosmetology*
5:09PM 074 Two Cases of Hypotrichosis 14 Caused by a Novel and a Recurrent Mutation in the LSS Gene

5 Mengxi Zhao | China | *Peking University*
5:14PM 075 Alopecia Patterns and Trichoscopic Findings in Autosomal Recessive Congenital Ichthyosis Patients

5 Anissa Zauouak, MD | Tunisia | *Peking University*
5:19PM Discussion

8

5:27PM 076 Closing Remarks

3 Abraham Zlotogorski, MD | Israel | *Hadassah Medical Center*


I. Doche



A. Zlotogorski



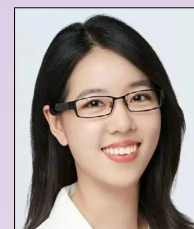
L. Bloch



O. Busko



Q. Chen



X. Chen



C. Cui



A. Fonseca



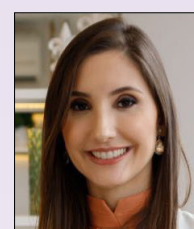
A. Gadzhigoreeva



R. Hu



I. Obeime



D. Westphal



A. Zauouak



M. Zhao



R. Driskell



M. Ohyama



Z. Deng



H. Lee



B. Ober-Reynolds



M. Rendl

4:00PM-5:30PM

SESSION 12

Single Cell Analysis of the Hair Follicle

Gold Room

Single cell analysis is an emerging technology enabling various omics approaches and the elucidation of cell-cell interactions at the single cell level. This session showcases how this novel technique is adopted for studying the dynamics of hair follicle biology and dissecting the pathophysiology of previously unknown of hair diseases.

CHAIR

Ryan Driskell, PhD | USA | *Washington State University*

CO-CHAIR

Manabu Ohyama, MD, PhD | Japan | *Kyorin University Faculty of Medicine*

4:00PM 077 Welcome & Introductions

5

Ryan Driskell, PhD | USA | *Washington State University*

4:05PM 078 Dermal Sheath Contraction during Hair Follicle Regression and Niche Remodeling

17 min + 3 min QA

Michael Rendl, MD | USA | *Icahn School of Medicine at Mount Sinai*

4:25PM 079 Single-Cell and Spatial Analysis of Perinatal Mouse Skin: Dynamic Lineage Differentiation of Dermal Fibroblast

8 min + 2 min QA

Hanjae Lee, MD | South Korea | *Seoul National University College of Medicine*

4:35PM 080 Integrated Single-Cell Chromatin and Transcriptomic Analyses of Human Scalp Identify Critical Cell Types for Hair Diseases

17 min + 3 min QA

Ben Ober-Reynolds, MD, PhD | USA | *Stanford University*

4:55PM 081 Progenitor Cell Depletion Driven by Aberrant Dermal Sheath Contraction Induces Premature Hair Follicle Regression in Androgenetic Alopecia

8 min + 2 min QA

Zhili Deng, PhD | China | *Xiangya Hospital Central South University*

5:05PM 082 Single-Cell Transcriptomic Analysis and Spatial Organization of Regenerative and Hair Follicle Fibroblast Populations

17 min + 3 min QA

Ryan Driskell, PhD | USA | *Washington State University*

5:25PM 083 Closing Remarks

5

Manabu Ohyama, MD, PhD | Japan | *Kyorin University Faculty of Medicine*

5:30PM-6:00PM

Curbside Consults

Venetian Room

The goal of this fun and fast-paced session is to provide a platform for clinical hair experts from around the world to bring interesting case reports of undiagnosed hair disorders to present to your expert colleagues in search of a diagnosis.

Participants will 'crowd-source' ideas and provide feedback to help come to a diagnosis in real-time, or to suggest follow up next steps to investigate further in search of an answer to your unsolved cases.

CHAIR

Valerie Callender, MD | USA | *Callender Dermatology & Cosmetic Center*

CO-CHAIR

Andrew Messenger, MD | United Kingdom | *University of Sheffield*

V. Callender



A. Messenger



M. Rendl



C. Clavel



M. Bertolini



N. Mesinkovska



R. Paus



E. Wang

5:30PM-6:00PM

Methods Matchmaking

Gold Room

The goal of this interactive and informal session is to provide a dedicated time and space for basic and clinical hair researchers to come together in search of new partnerships.

In this session, we encourage participants to come with ideas in search of collaborations aimed at tackling unsolved clinical or research questions using innovative new technologies.

Please bring a slide or two with your novel idea or a burning question, a series of cases with your favorite hair disorder, or a research problem worth solving to 'pitch' to the group, with the intention of forging new research pairings among basic and clinical hair research colleagues.

CHAIRS

Michael Rendl, MD | USA | *Icahn School of Medicine at Mount Sinai*Carlos Clavel, PhD | Singapore | *A*STAR Skin Research Labs*

FACILITATORS

Marta Bertolini, PhD | Germany | *Monasterium Laboratory Skin and Hair Research Solutions GmbH*Natasha Mesinkovska, MD, PhD | USA | *University of California, Irvine*Ralf Paus, MD | USA | *University of Miami Miller School of Medicine*Etienne Wang, MD, PhD | Singapore | *National Skin Centre*



P. Barbarat



D. Piorkowski



E. Roberson



R. Rughani

6:00PM-7:00PM

SATELLITE SYMPOSIUM 3
The Uniqueness of Curls:
From Fundamental Science to
Personalized Solutions

Sponsored by L'Oreal

International Ballroom • Ticket required

L'ORÉAL
 RESEARCH
 & INNOVATION

MODERATOR

Philippe Barbarat, PhD

6:00PM

3

Welcome Address

Philippe Barbarat, PhD

6:03PM

15 min + 2 min QA

The Texture of Change

SPECIAL SPEAKER

Erica Roberson

6:20PM

10 min + 2 min QA

From Knowledge to Personalized Solutions for Curls

Ronak Rughani, PhD

6:32PM

10 min + 2 min QA

Advances in Curl Knowledge to the Next Level

Dakota Piorkowski, PhD

6:44PM

10 min + 2 min QA

A Holistic Approach to Curly Hair Ecosystem

Philippe Barbarat, PhD

6:56PM

4

Closing Remarks & Discussion

MONDAY • APRIL 8

7:00AM-12:00PM **Speaker Ready Room** | State Room (Closed during eclipse hours)
2:00PM-5:30PM

7:00AM-12:00PM **Registration** | Oak Room (Closed during eclipse hours)
2:00PM-5:30PM

8:00AM-12:30PM **Exhibit & Poster Viewing** | Regency Ballroom and Foyer (Closed during eclipse hours)
2:00PM-5:30PM

8:15AM-9:20AM **SESSION 13** **Plenary Session**

International Ballroom

CHAIR

Natasha Mesinkovska, MD, PhD | USA | *University of California, Irvine*

CO-CHAIR

Wenyu Wu, MD, PhD | China | *Huashan Hospital, Fudan University*

8:15AM **084 Welcome & Introductions**
5 Wenyu Wu, MD, PhD | China | *Huashan Hospital, Fudan University*

8:20AM **085 Short Anagen Hair Syndrome: Association with Mono- and Biallelic Variants in WNT10A and a Genetic Overlap with Male Pattern Hair Loss**
10 min + 2 min QA Nicole Cesarato, Msc | Germany | *Institute of Human Genetics, University of Bonn*

8:32AM **086 Nerve-stem Cell Interaction Across Age and Sex**
10 min + 2 min QA Yulia Shwartz, PhD | USA | *University of Southern California*

8:44AM **087 Regional Expression of Secreted Wnt Inhibitors Dictates Formation of Hairless and Poorly Haired Skin**
10 min + 2 min QA Alicia Ho, BS | USA | *Icahn School of Medicine at Mount Sinai*

8:56AM **088 A Multi-Omics Approach to Create a Human Hair Atlas for Healthy and AGA Models**
10 min + 2 min QA Carlos Clavel, PhD | Singapore | *A*STAR Skin Research Labs*

9:08AM **089 Three-dimensional Ultra-high Frequency Ultrasound Visualizes Phase-specific Microstructural Changes in Alopecia Areata: An Innovative Modality Facilitating Pathophysiology-based Treatment Planning**
10 min + 2 min QA Tatsuro Iwasaki, MD | Japan | *Kyorin University Faculty of Medicine*



N. Mesinkovska



W. Wu



N. Cesarato



C. Clavel



A. Ho



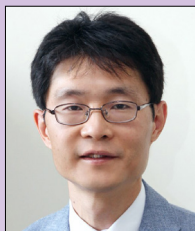
T. Iwasaki



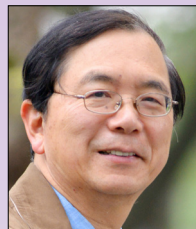
Y. Shwarz



A. Christiano



Y. Shimomura



C. Chuong

9:25AM-10:30AM

SESSION 14 The Best of Dallas

International Ballroom

CHAIR

Angela Christiano, PhD | USA | *Columbia University*

CO-CHAIR

Yutaka Shimomura, MD, PhD | Japan | *Yamaguchi University Graduate School of Medicine*

9:25AM 090 Introduction

2

Angela Christiano, PhD | USA | *Columbia University*

9:30AM Local Welcome

10

Seemal Desai, MD | USA

9:40AM Presentation of 2024 David A. Whiting Leadership & Research Award –
to Cheng Ming Chuong, MD, PhD

20

PRESENTERS

Angela Christiano, PhD

Harriett Whiting

George Cotsarelis, MD

10:00AM 091 Eclipses: From Ancient Observations to Modern Insights

30

Joel Meyers, PhD | USA | *Southern Methodist University*

10:30AM-11:00AM

Coffee Break &
Formal Poster Session (Evens) | Regency Ballroom

This coffee break is generously sponsored by Lilly.

KEYNOTE

Joel Meyers, PhD | *Assistant Professor of Physics, Southern Methodist University*
Eclipses: From Ancient Observations to Modern Insights

Dr. Meyers' research focuses on extracting insights about fundamental physics from cosmological observations. The next generation of cosmological surveys will achieve unprecedented precision and therefore unprecedented data volumes, and new techniques are required to make the most of these upcoming opportunities. Dr. Meyers is currently an assistant professor at Southern Methodist University. Previously, he was a senior research associate at the Canadian Institute for Theoretical Astrophysics (CITA). Before joining CITA, he was a Ph.D. student at the University of Texas at Austin with Professor Steven Weinberg. He received his bachelor's degree in physics and mathematics from the University of Wisconsin.



11:00AM-12:30PM

SESSION 15 Scarring Alopecias

International Ballroom

In this session, we will address the most relevant areas of research in the field of scarring alopecia. Specifically, the methodology for studies in these alopecias, a therapeutic update on central centrifugal cicatricial alopecia, frontal fibrosing alopecia and neutrophilic scarring alopecias, and finally the association of fibroids and endometriosis and scarring alopecias.

CHAIR

Elise Olsen, MD | USA | *Duke University*

CO-CHAIR

Sergio Vano Galvan, MD, PhD | Spain | *Ramón y Cajal University*

11:00AM **092 Welcome & Introductions**

5

Elise Olsen, MD | USA | *Duke University*

11:05AM **093 Overview of Potential Cicatricial Alopecia Methodology**

17 min + 3 min QA

Elise Olsen, MD | USA | *Duke University*

11:25AM **094 Central Centrifugal Alopecia Prevalence in a Large Cohort of Black Women**

8 min + 2 min QA

Jonique Depina, MS | USA | *Kansas City University College of Osteopathic Medicine*

11:35AM **095 Beyond the Hairline: From Pathogenesis to Emerging Treatments in Frontal Fibrosing Alopecia**

17 min + 3 min QA

David Saceda, MD, PhD | Spain | *Ramón y Cajal University*

11:55AM **096 Gynecologic Diagnoses Among Patients with Lichen Planopilaris and Frontal Fibrosing Alopecia**

8 min + 2 min QA

Chino Ogbutor, BA | USA | *Lahey Hospital & Medical Center*

12:05PM **097 JAK Inhibitors in Scarring Alopecias**

17 min + 3 min QA

Maryanne Senna, MD | USA | *Lahey Hospital and Medical Center*

12:25PM **098 Closing Remarks**

5

Sergio Vano Galvan, MD, PhD | Spain | *Ramón y Cajal University*



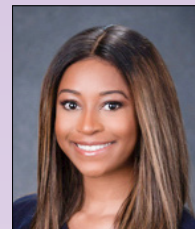
E. Olsen



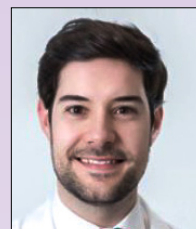
S. Vano Galvan



J. Depina



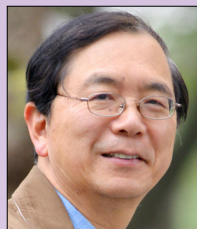
C. Ogbutor



D. Saceda



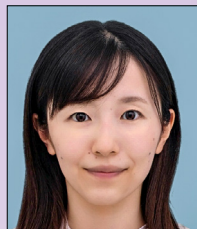
M. Senna



C. Chuong



C. Jahoda



R. Hayakawa



S. Millar



M. Ohyama



T. Tien

11:00AM-12:30PM

SESSION 16
Hair Follicle Morphogenesis and Dermal Papilla

Venetian Room

In this session, we put together recent lines of progress towards new understanding about the formation of hair follicles in different skin regions, in repair versus regenerative wound healing processes, and in engineered skin organoids with emphasis on regaining dermal papilla properties. Through the interaction in this session, we hope to integrate our current knowledge about follicle morphogenesis and move toward translation.

CHAIR

Cheng Ming Chuong, MD, PhD | USA | *University of Southern California*

CO-CHAIR

Colin Jahoda, PhD | United Kingdom | *Durham University*
11:00AM 099 Welcome & Introductions

5

Cheng Ming Chuong, MD, PhD | USA | *University of Southern California*
11:05AM 100 Patterning and Regional Specification of Hairy Skin

17 min + 3 min QA

Sarah Millar, PhD | USA | *Icahn School of Medicine at Mount Sinai*
11:25AM 101 Investigating the Intrinsic Regulation of the Hair Follicle Stem Cell Niche by Mef2c - Developing Novel in Vivo and in Vitro Tools

8 min + 2 min QA

Tracy Z. Tien, BSc | Singapore | *A*STAR Skin Research Labs*
11:35AM 102 Human iPS Cell-Derived Cell Aggregates Exhibit Dermal Papilla Cell Properties in Three-Dimensional Structures Mimicking Hair Follicles

17 min + 3 min QA

Manabu Ohyama, MD, PhD | Japan | *Kyorin University Faculty of Medicine*
11:55AM 103 Establishment of in Vitro Approach Adopting Trichogenenic Signal Activation and Three-dimensional Reconstruction for Improvement of Biomarker Expression Levels in Cultured Human Dermal Papilla Cells

8 min + 2 min QA

Reina Hayakawa, MD, PhD | Japan | *Kyorin University Faculty of Medicine*
12:05PM 104 A Novel Bilayered 3D Spheroid Model of Human Hair Protodermal Papilla

17 min + 3 min QA

Colin Jahoda, PhD | United Kingdom | *Durham University*
12:25PM 105 Closing Remarks

5

Colin Jahoda, PhD | United Kingdom | *Durham University*

11:00AM-12:30PM

SESSION 17
Hair Care and Aesthetics

Gold Room

The hair care and aesthetics session will bring together academic and industry scientists to share their research on the discovery of new molecules and evaluation methods that can benefit to the quality of hair fiber. This is a unique session where biology, chemistry and physics meet where the audience will learn about different hair types, how to improve fiber health, and valuable cosmetic options for patients with hair disorders.

CHAIR

Maria Fernanda Gavazzoni, MD | Brazil | *Universidade Federal Fluminense*

CO-CHAIR

Eddy Wang, PhD | USA | *L'Oreal***11:00AM 106 Welcome & Introductions**

5

Maria Fernanda Gavazzoni, MD | Brazil | *Universidade Federal Fluminense***11:05AM 107 Evaluation of the Health of the Hair Ecosystem**

17 min + 3 min QA

Eddy Wang, PhD | USA | *L'Oreal***11:25AM 108 Assessing the Impact of Glycerin on Hair Fiber Properties**

8 min + 2 min QA

Anwar W. Zahar, BS | *Aveda Hair Care Innovation R&D***11:35AM 109 Ethnobotany and the Role of Plant Natural Products in Hair Loss Treatments**

17 min + 3 min QA

Cassandra Quave, PhD | USA | *Emory University***11:55AM 110 Hair Follicle, Fiber, and Scalp Are Affected in Age-associated Decrease of Hair Diameter**

8 min + 2 min QA

Eddy Wang, PhD | USA | *L'Oreal***12:05PM 111 Understanding Cosmetic Resources to Provide Options for Patients with Hair Disorders**

17 min + 3 min QA

Maria Fernanda Gavazzoni, MD | Brazil | *Universidade Federal Fluminense***12:25PM 112 Closing Remarks**

5

Eddy Wang, PhD | USA | *L'Oreal*

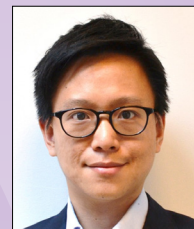
12:30PM-2:15PM

Eclipse Viewing

Pool Deck



M. Gavazzoni



E. Wang



C. Quave



A. Zahar

TOTAL SOLAR ECLIPSE VIEWING with box lunch
Box lunch distribution 12:30PM-1:15PM

Join us for the pinnacle experience of the congress, viewing the total solar eclipse together on the pool deck.

At the conclusion of the previous session go to the Terrace Level of the hotel (3rd floor) to pick-up your eclipse viewing glasses, boxed lunch, and find space on the deck.

The peak of the eclipse will be at approximately 1:43PM, including almost 4 minutes of complete darkness.

The eclipse viewing lunch is included for all registered congress attendees. Your badge is required to attend. You may purchase a ticket for your guest/spouse at the registration desk.

ECLIPSE BEGINS 12:23PM • TOTALITY AT 1:43PM • ENDS 3:02PM



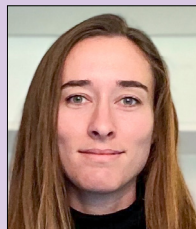
N. Sadick



M. Lei



C. Chuong



J. Dillon



J. Shaik



D. Taylor

2:15PM-3:45PM

SESSION 18
Regenerative Medicine and Biologic Therapies

International Ballroom

The regenerative session in dermatology brings together leading experts to explore innovative approaches to skin regeneration. Among the key highlights will be discussions on the latest advancements in Platelet-Rich Plasma (PRP), exosomes, and stem cell banking.

CHAIR

Neil Sadick, MD | USA | *Weill Cornell Medicine*

CO-CHAIR

Mingxing Lei, MD | China | *Chongqing University*
2:15PM 113 Welcome & Introductions

5

Mingxing Lei, MD | China | *Chongqing University*
2:20PM 114 Regulation and Dysregulation of Hair Regeneration

17 min + 3 min QA

Cheng Ming Chuong, MD, PhD | USA | *University of Southern California*
2:40PM 115 Cryopreserved Follicles as a Diverse Source of Cells for Regenerative Medicine

8 min + 2 min QA

Jennifer L. Dillon, PhD | United Kingdom | *HairClone*
2:50PM 116 Cord Lining Mesenchymal Stem Cell Exosomal Proteins and Their Effects on Hair Follicles

8 min + 2 min QA

Neil Sadick, MD | USA | *Weill Cornell Medicine*
3:00PM 117 Quantification of Extracellular Vesicles in Clinical Samples of Platelet-poor Plasma, Platelet-rich Plasma and Activated Platelet-rich Plasma

8 min + 2 min QA

Javed Shaik, PhD | USA | *University of Minnesota*
3:10PM 118 Cryopreservation of the Hair Follicle and Use in Autologous Regenerative Medicine

8 min + 2 min QA

Drew Taylor, PhD | Canada | *Acorn Biolabs*
3:20PM 119 Mechanical Force Drives the Initial Mesenchymal-Epithelial Interaction During Skin Organoid Development

17 min + 3 min QA

Mingxing Lei, MD | China | *Chongqing University*
3:40PM 120 Closing Remarks

5

Neil Sadick, MD | USA | *Weill Cornell Medicine*

2:15PM-3:45PM

SESSION 19**Female Hair Loss, Hormones, and Aging**

Venetian Room

Don't miss the exciting new innovative approaches and novel treatments of Female Pattern Hair Loss. This session closes with a lecture on the occurrence of hair loss in patients taking the new class of weight loss drugs, known as GLP-1 inhibitors.

CHAIR

Wilma Bergfeld, MD | USA | *Cleveland Clinic*

CO-CHAIR

Ulrike Blume-Peytavi, MD | Germany | *Charité-Universitaetsmedizin***2:15PM 121 Welcome & Introductions**

5

Wilma Bergfeld, MD | USA | *Cleveland Clinic***2:20PM 122 Treatment of Female Pattern Hair Loss with Novel Combination Therapies**

17 min + 3 min QA

Wilma Bergfeld, MD | USA | *Cleveland Clinic***2:40PM 123 Cultured Dermal Papilla and Dermal Sheath Cells from Female Scalp Express Significantly Different Transcriptional and Proteomic Profiles with Age**

8 min + 2 min QA

Richard Baker, BSc | United Kingdom | *University of Bradford***2:50PM 124 Hair and Hormones: Management of Hair Disorders in Menopausal Women**

17 min + 3 min QA

Ramon Grimalt, MD, PhD | Spain | *Universitat Internacional de Catalunya***3:10PM 125 Exploring Novel Treatments for Female Pattern Hair Loss: Estetrol Promotes Anagen Prolongation, Dermal Papilla Functions and Expansion of Stem Cell Progeny in Female Hair Follicles Ex Vivo**

8 min + 2 min QA

Marta Bertolini, PhD | Germany | *Monasterium Laboratory Skin and Hair Research Solutions GmbH***3:20PM 126 Telogen Effluvium in Patients on GLP-1 Inhibitors**

17 min + 3 min QA

George Cotsarelis, MD | USA | *Perelman School of Medicine University of Pennsylvania***3:40PM 127 Closing Remarks**

5

Ulrike Blume-Peytavi, MD | Germany | *Charité-Universitaetsmedizin*

W. Bergfeld



W. Blume-Peytavi



R. Baker



M. Bertolini



G. Cotsarelis



R. Grimalt



M. Rendl



C. Higgins



M. Ito



Y. Sha



E. Wang



T. Wikramanayake

2:15PM-3:45PM

SESSION 20

Hair Follicle Microenvironment

Gold Room

This session will delve into how the follicle interacts with other cells within the follicle milieu. It will include presentations about how the follicle can influence the surrounding microenvironment, and how non-follicular cells (e.g. immune cells) can influence the behavior of the follicle.

CHAIR

Michael Rendl, MD | USA | *Icahn School of Medicine at Mount Sinai*

CO-CHAIR

Claire Higgins, PhD | United Kingdom | *Imperial College*

2:15PM 128 Welcome & Introductions

5

Michael Rendl, MD | USA | *Icahn School of Medicine at Mount Sinai*

2:20PM 129 Anagen Hair Follicles Transplanted Into Human Scarred Skin Remodels Surrounding Fibrotic Tissue

17 min + 3 min QA

Claire Higgins, PhD | United Kingdom | *Imperial College*

2:40PM 130 MPZL3 Regulates Sebaceous Gland Morphogenesis and Homeostasis in vivo and ex vivo

8 min + 2 min QA

Tongyu Wikramanayake, PhD | USA | *University of Miami Miller School of Medicine*

2:50PM 131 Dedifferentiation Maintains Melanocyte Stem Cells in a Dynamic Niche

17 min + 3 min QA

Mayumi Ito, PhD | USA | *New York University Grossman School of Medicine*

3:10PM 132 Single-Cell Transcriptome Sequencing Reveals the Involvement of Mast Cells in Microinflammation in Miniaturized Hair Follicles of Male Pattern Hair Loss

8 min + 2 min QA

Yuou Sha, PhD student | China | *Fudan University*

3:20PM 133 Targeted Immunotherapy for Hair Regrowth and Regeneration

17 min + 3 min QA

Etienne Wang, MD, PhD | Singapore | *National Skin Centre*

3:40PM 134 Closing Remarks

5

Claire Higgins, PhD | United Kingdom | *Imperial College*

3:45PM-4:15PM

Coffee Break &

Formal Poster Session (Odds) | Regency Ballroom

4:15PM-5:45PM

SESSION 21

Photobiomodulation and Lasers

International Ballroom

In this session, a spectrum of single or combined treatments with energy-based devices will be highlighted. The focus of the presentations will primarily be on androgenetic alopecia and the use of light ranging from red light to laser tissue coagulation as well as electromagnetic field therapy and ultrasound therapy. This will be an enlightening session!

CHAIR

Maria Hordinsky, MD | USA | *University of Minnesota*

CO-CHAIR

Sung-Jan (Jerry) Lin, MD, PhD | Taiwan | *National Taiwan University*

4:15PM **135 Welcome & Introductions**

5 Maria Hordinsky, MD | USA | *University of Minnesota*

4:20PM **136 Photobiomodulation Therapy for Androgenetic Alopecia: A Clinician's Guide to FDA-Approved Home-Use Devices**

17 min + 3 min QA

Maria Hordinsky, MD | USA | *University of Minnesota*

Suleima Arruda, MD | USA | *Sadick Research Group*

4:40PM **137 A Prospective, Randomized, Controlled, Evaluator Blinded Trial of Topical 5% Minoxidil Alone, Minoxidil Plus Oral Spironolactone, and Minoxidil Plus Low-level Light Therapy in the Treatment of FPHL**

8 min + 2 min QA

Fenglin Zhuo, MD | China | *Capital Medical University*

4:50PM **138 Depilatory Laser Miniaturizes Hair by Inducing Bystander Dermal Papilla Cell Necrosis Through Thermal Diffusion**

17 min + 3 min QA

Sung-Jan (Jerry) Lin, MD, PhD | Taiwan | *National Taiwan University*

5:10PM **139 Long term efficacy & Safety of Low-level Laser Therapy: A 48-week, Multi-Center, Prospective Open Study**

8 min + 2 min QA

Chang Hun Huh, MD, PhD | South Korea | *Seoul National University Bundang Hospital*

5:20PM **140 Combined Photobiomodulation and Pulsed Electromagnetic Field Therapy in Androgenetic Alopecia**

17 min + 3 min QA

Byung Cheol Park, MD, PhD | South Korea | *Dankook University Hospital*

5:40PM **141 Closing Remarks**

5 Sung-Jan (Jerry) Lin, MD, PhD | Taiwan | *National Taiwan University*



M. Hordinsky



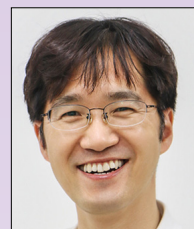
S. Lin



S. Arruda



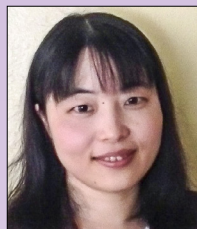
C. Huh



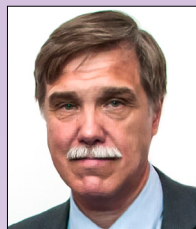
P. Bark



F. Zhuo



M. Ito



A. Panteleyev



C. Clavel



E. Nishimura



R. Paus



K. Stewart



T. Wikramanayake

4:15PM-5:45PM

SESSION 22
Hair Follicle Pigmentation, Cycling, and Senescence

Venetian Room

This session is focused on the novel and highly clinically relevant aspects of hair pigmentation and hair cycle control – two principal biological phenomena being compromised during the process of hair follicle senescence. Five talks from world-leading labs will address the role of follicle stem cells in hair pigmentation and in catagen progression, current state and further directions of hair graying research, as well as metabolic and mitochondrial impact upon hair follicle cycling and aging.

CHAIR

Mayumi Ito, PhD | USA | *New York University Grossman School of Medicine*

CO-CHAIR

Andrey A. Panteleyev, PhD | Russia | *NRC Kurchatov institute*
4:15PM 142 Welcome & Introductions

5

Mayumi Ito, PhD | USA | *New York University Grossman School of Medicine*
4:20PM 143 Obesity Accelerates Hair Thinning by Stem Cell-Centric Converging Mechanisms

17 min + 3 min QA

Emi Nishimura, MD, PhD | Japan | *University of Tokyo*
4:40PM 144 Epithelially Derived, Mitochondrially Localized MPZL3 Regulates Murine and Human Hair Follicle Cycling

8 min + 2 min QA

Tongyu Wikramanayake, PhD | USA | *University of Miami Miller School of Medicine*
4:50PM 145 Hair Follicle Stem Cells Clear Apoptotic Cellular Debris During Catagen to Maintain Hair Follicle Integrity

17 min + 3 min QA

Katherine Stewart, PhD | USA | *Rockefeller University*
5:10PM 146 Inducing Fate Changes at the Hair Follicle Stem Cell Niche to Regulate Hair and Skin Pigmentation

8 min + 2 min QA

Carlos Clavel, PhD | Singapore | *A*STAR Skin Research Labs*
5:20PM 147 Human Hair Graying Revisited: Principles, Misconceptions, and New Research Frontiers

17 min + 3 min QA

Ralf Paus, MD | USA | *University of Miami Miller School of Medicine*
5:40PM 148 Closing Remarks

5

Andrey A. Panteleyev, PhD | Russia | *NRC Kurchatov institute*



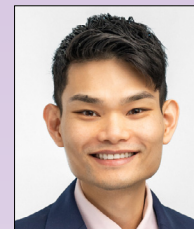
R. Farah



C. Lekhvat



L. Bloch



G. Tang



J. Thornton

4:15PM-5:45PM

SESSION 23

Hair Care and Management in Gender Diverse Patients

Gold Room

This session begins with a lecture on the differential effects of androgens on hair follicles across different body sites. We will review hair loss assessment and treatment options for gender diverse patients, including technological and medical options. We will also review clinical pearls for management and cases.

CHAIR

Ronda Farah, MD | USA | *University of Minnesota*

CO-CHAIR

Chinmanat Lekhvat, MD | Thailand | *Institute of Dermatology*

4:15PM 149 Welcome & Introductions

5 Ronda Farah, MD | USA | *University of Minnesota*

4:20PM 150 The Hair Follicle: A Paradoxical Androgen Target Organ

17 min + 3 min QA M. Julie Thornton, PhD | United Kingdom | *University of Bradford*

4:40PM 151 Changes in Scalp Hair Within 6 Months of Commencing Gender-affirming Hormone Therapy: An Observational Study

8 min + 2 min QA Gia T. Tang, BMedSc, MD, MPH | Australia | *The University of Melbourne*

4:50PM 152 Management of Hair Removal in Transgender Individuals

17 min + 3 min QA Chinmanat Lekhvat, MD | Thailand | *Institute of Dermatology*

5:10PM 153 Hair Restoration Surgery for the Transgender Patient

8 min + 2 min QA Leila D. Bloch, MD, PhD | Brazil | *Clinica Bloch*

5:20PM 154 Hair Loss in a Gender Diverse Population

17 min + 3 min QA Ronda Farah, MD | USA | *University of Minnesota*

5:40PM 155 Closing Remarks

5 Chinmanat Lekhvat, MD | Thailand | *Institute of Dermatology*

5:00PM-7:00PM Exhibit Hall & Poster Tear Down | Regency Ballroom and Foyer

7:00PM-10:00PM Congress Dinner | Gilley's Dallas • Ticket required



Grab your jeans, boots, and cowboy hats, and join us for the Texas Hoedown Congress Dinner at Gilley's Dallas!

As we celebrate a memorable congress, we will spend time with our colleagues enjoying traditional Texas barbecue cuisine, listening to a live country music band, and learning a few country line dances together.

LOCATION Gilley's Dallas
1135 Botham Jean Blvd.
Dallas, TX, 75215

TIME 7:00PM-10:00PM

COST \$150 USD

ATTIRE

This year's congress dinner will be a "Texas Hoedown" and attendees are encouraged to wear "Cowboy chic" with suggested attire of jeans, casual dresses, cowboy boots, and cowboy hats.

TRANSPORTATION

Shuttle service will be offered from the Fairmont Dallas.

Bus Loading 6:30PM • Depart at 6:45PM

Returns beginning at 8:30PM • Last Shuttle departs 10:15PM



TUESDAY • APRIL 9

7:00AM-2:00PM	Speaker Ready Room State Room
7:30AM-2:00PM	Registration Oak Room
7:30AM-8:00AM	EHRS General Assembly Gold Room <i>Invitation Only</i>
8:00AM-8:45AM	Coffee with the Experts International Ballroom

Open to all attendees on a first-come, first-served basis. This is an informal session for small groups to discuss a specific topic as noted on the list. The round tables will be labeled with a topic and table leaders' names. You may sit at any table you like and rotate to as many tables as you wish. Bring your questions! The idea is to have dialogue among those interested in the topic – an interesting conversation. These are not formal presentations.

DISCUSSION TABLES

1 Alopecia Areata

Carolyn Goh, MD | USA
Melissa Piliang, MD | USA

2 Cicatricial Alopecia

Elise Olsen, MD | USA
Sergio Vano Galvan, MD, PhD | Spain

3 Central Centrifugal Cicatricial Alopecia

Crystal Aguh, MD | USA
Ncoza Dlova, MD | South Africa

4 Androgenetic Alopecia in Males

Maryanne Senna, MD | USA

5 Female Androgenetic Alopecia

Wilma Bergfeld, MD | USA
Natasha Mesenkovska, MD, PhD | USA

6 Low Level Laser Therapy

Maria Hordinsky, MD | USA
Sung-Jan (Jerry) Lin, MD, PhD | Taiwan

7 Natural Products

Neil Sadick, MD | USA
Cassandra Quave, PhD | USA

8 Hair Care and Aesthetics

Suleima Arruda, MD | USA
Maria Fernanda Gavazonni, MD | Brazil

9 Hair Pathology

Charlotte LaSenna, MD | USA
Curtis Thompson, MD | USA

10 Trichology

David Kingsley, PhD | USA
Gillian Westgate, PhD | United Kingdom

11 Hair Cycle

Ryan Driskell, PhD | USA
Andrey Panteleyev, PhD | Russia

12 Hair Follicle Stem Cells

George Cotsarelis MD | USA
Sarah Millar, PhD | USA

13 Dermal Papilla and Dermal Sheath

Colin Jahoda, PhD | United Kingdom
Manabu Oyhama, MD, PhD | Japan

14 Hair Graying

Mayumi Ito, PhD | USA

15 Textured Hair Care Practices

Katherine Ayoade, MD, PhD | USA
Yolanda Lenzy, MD | USA

16 Mouse models of Hair Follicle Biology

Helen Everts, PhD | USA
Tongyou Wikramanayake, PhD | USA

17 Single Cell Analysis of the Hair Follicle

Carlos Clavel, PhD | Singapore
Michael Rendl, PhD | USA

18 3D Models of Skin and Hair Follicle

Claire Higgins, PhD | United Kingdom
Mingxing Lei, PhD | China

19 Trichoscopy

Isabella Doche, MD, PhD | Brazil

20 JAK inhibitors and Hair Loss Disorders

Brett King, MD, PhD | USA
Rodney Sinclair, MD | Australia

21 Clinical Trials in Hair Disorders

Nino Lortkipanidze, MD, PhD | Georgia
Janet Roberts, MD | USA

22 Androgen Biology in the Hair Follicle

Cheng Ming Chuong, MD, PhD | USA
Julie Thornton, PhD | United Kingdom

23 New Outcome Measures for Clinical Research

Arash Mostaghimi, MD, MPA, MPH | USA
Dmitri Wall, MD | Ireland

24 Genetic Hair Disorders

Regina Betz, MD | Germany
Yuval Ramot, MD, MSc | Israel



9:00AM-10:00AM

SESSION 24 Plenary Session

International Ballroom

CHAIR

Maryanne Senna, MD | USA | *Lahey Hospital and Medical Center*

CO-CHAIR

Ohsang Kwon, MD, PhD | South Korea | *Seoul National University College of Medicine*

9:00AM 156 Welcome & Introductions

Maryanne Senna, MD | USA | *Lahey Hospital and Medical Center*

9:05AM 157 Efficacy of Asymmetric siRNA Targeting Androgen Receptor for the Treatment of Androgenetic Alopecia

8 min + 2 min QA

Chong Hyun Won, MD, PhD | South Korea | *Asan Medical Center, University of Ulsan College of Medicine*

9:15AM 158 Transient p53/p21-activation Selectively Protects Healthy Human Hair Follicles and Their Stem Cells from 4-HC and Paclitaxel-induced Alopecia

8 min + 2 min QA

Jeremy Cheret, PhD | USA | *University of Miami Miller School of Medicine*

9:25AM 159 Innervation Patterns Around the Human Hair Follicle

8 min + 2 min QA

Anna Rhodes, MEng | United Kingdom | *Imperial College London*

9:35AM 160 Wnt Pathway Activation Modifies Collective Dermal Papilla Cell Behaviour, Delays Cell Outgrowth and Proliferation, and Reduces DNA Damage Repair During Initial 3D to 2D Transition in Explant Culture

8 min + 2 min QA

Yaqi Ye, MSc | United Kingdom | *Durham University*

9:45AM 161 Long-term Efficacy of Ritlecitinib up to Month 24 from the ALLEGRO Phase 2b/3 and Long-term Phase 3 Clinical Studies in Alopecia Areata (AA)

8 min + 2 min QA

Melissa Piliang, MD | USA | *Cleveland Clinic*

9:55AM 162 Closing Remarks

5

Ohsang Kwon, MD, PhD | South Korea | *Seoul National University College of Medicine*



M. Senna



O. Kwon



J. Cheret



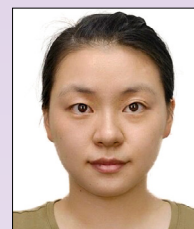
M. Piliang



A. Rhodes



C. Won



Y. Ye



C. Higgins



S. Vano Galvan

10:00AM-10:45AM

SESSION 25

Keynote Lecture

International Ballroom

CHAIR

Claire Higgins, PhD | United Kingdom | *Imperial College*

CO-CHAIR

Sergio Vano Galvan, MD, PhD | Spain | *Ramón y Cajal University*

10:00AM **163 Welcome & Introductions**

5

Claire Higgins, PhD | United Kingdom | *Imperial College*

10:05AM **164 EBLING LECTURE**

30

All Roads Lead to the Nucleus: How Epigenetic Machinery Orchestrates Hair Growth

Vladimir Botchkarev, MD, PhD | USA | *Boston University*

10:35AM **Presentation of Award**

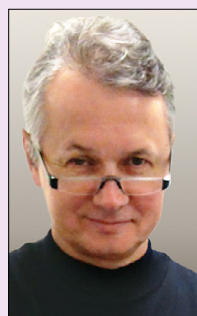
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Claire Higgins, PhD | United Kingdom | *Imperial College*

Sergio Vano Galvan, MD, PhD | Spain | *Ramón y Cajal University*

10:45AM-11:00AM

Coffee Available International Ballroom Foyer



KEYNOTE LECTURE

Vladimir Botchkarev, MD, PhD | *Professor of Dermatology, Boston University*

All Roads Lead to the Nucleus: How Epigenetic Machinery Orchestrates Hair Growth

Vladimir Botchkarev, MD, PhD is a Professor of Dermatology. He received his medical training at Chuvash State University in Cheboksary, Russian and his doctoral training at People's Friendship University in Moscow, Russia. He was a recipient of the Research Career Development Award from the Dermatology Foundation and Independent Scientist Award from the National Institutes of Health. He is also a recipient of the research grants from the NIAMS and NCI. His name was included in the books 2000 Outstanding Scientists of the 21st Century, Great Minds of the 21st Century and Who is Who in Medicine. His primary research interests are the molecular mechanisms of hair growth and pathobiology of different forms of hair loss.

Professor of Dermatology and co-Director of the Center for Aging Research, Dr. Botchkarev focuses on epigenetic factors influencing skin stem cell activity, aging, wound healing, and carcinogenesis. He has more than 100 publications in journals such as *Nature*, *Cell Biology*, *Science Advances*, and *Cancer Research*. Supported by NIH grants, his work is instrumental in understanding skin aging and using Naked Mole Rats as a model for studying human skin diseases.

11:00AM-12:00PM

SESSION 26

Biology and Biophysics of Textured Hair

International Ballroom

This session will equip attendees with invaluable insights on:

1. How to approach and handle hairloss in patients from various cultural and religious backgrounds and the do's and don't's for trichoscopy photography of curly hair .
2. Garner insights on what normal trichoscopy is, for melanin rich skin types
3. Learn more about the psychological disorders that present with hair loss and what hair camouflage prostheses are available for Black patients with hair loss

CHAIR

Amy McMichael, MD | USA | *Wake Forest School of Medicine*

CO-CHAIR

Ncoza Dlova, MD | South Africa | *University of KwaZulu-Natal*

11:00AM 165 Welcome & Introductions

5

Amy McMichael, MD | USA | *Wake Forest School of Medicine*

11:05AM 166 Classification of Diverse Hair Types

12 min + 3 min QA

Ncoza Dlova, MD | South Africa | *University of KwaZulu-Natal*

11:20AM 167 Novel Disease Activity Scale for Central Centrifugal Cicatricial Alopecia

8 min + 2 min QA

Crystal Aguh, MD | USA | *Johns Hopkins School of Medicine*

11:30AM 168 Reimagining Hair Science: A New Approach to Classify Curly Hair Phenotypes via New Quantitative Geometric and Structural Mechanical Parameters

12 min + 3 min QA

Michelle Gaines, PhD | USA | *Spelman College*

11:45AM 169 Creation of a Validated Photographic Scale to Assess Textured Hair Cosmetic Properties

8 min + 2 min QA

Kaelynn Workman, BS | USA | *Cleveland Clinic Foundation*

11:55AM 170 Closing Remarks

5

Ncoza Dlova, MD | South Africa | *University of KwaZulu-Natal*



A. McMichael



N. Dlova



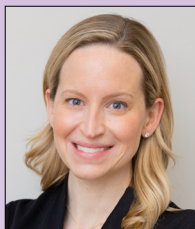
C. Aguh



M. Gaines



K. Workman



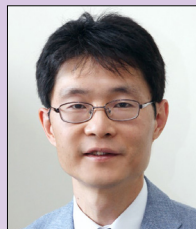
B. Craiglow



R. Betz



F. B. Basmanav



Y. Shimomura

11:00AM-12:00PM

SESSION 27
Pediatric Hair Loss and Genodermatoses

Venetian Room

This session focuses on monogenic alopecia and hair structure abnormalities as well as on multifactorial alopecia areata. A possible new variant for monilethrix will be reported and the largest collective of patients with uncombable hair will be presented. The second part will deal with the safety and efficacy of treating alopecia areata patients with JAK inhibitors. In line with the latter topic, there will be another presentation on the clinical and etiologic factors associated with the manifestation of immune-mediated comorbidities and nail abnormalities in alopecia areata.

CHAIR

Brittany Craiglow, MD | USA | *Yale School of Medicine*

CO-CHAIR

Regina Betz, MD | Germany | *University of Bonn*
11:00AM 171 Welcome & Introductions

5

Brittany Craiglow, MD | USA | *Yale School of Medicine*
11:05AM 172 Assessing the Genetic Spectrum of Uncombable Hair Syndrome in a Cohort of More Than 100 Individuals

12 min + 3 min QA

Regina Betz, MD | Germany | *University of Bonn*
11:20AM 173 A Rare Variant in the SREBF1 Gene May Be Associated with Monilethrix

8 min + 2 min QA

Yutaka Shimomura, MD, PhD | Japan | *Yamaguchi University Graduate School of Medicine*
11:30AM 174 Safety and Efficacy of JAK inhibitors in the Treatment of Pediatric and Adolescent Alopecia Areata

12 min + 3 min QA

Brittany Craiglow, MD | USA | *Yale School of Medicine*
11:45AM 175 Clinical and Etiological Factors Associated with the Manifestation of Immune-mediated Comorbidities and Nail Abnormalities in Alopecia Areata

8 min + 2 min QA

F. Buket Basmanav | Germany | *University of Bonn*
11:55AM 176 Closing Remarks

5

Regina Betz, MD | Germany | *University of Bonn*

11:00AM-12:00PM

SESSION 28

Hair Follicle Metabolism & Micronutrients

Gold Room

This session will cover how metabolites and hormones modify hair growth, cycling and regeneration. These discoveries shed light on basic biology of the hair follicle and potential treatments to enhance hair growth.

CHAIR

George Cotsarelis, MD | USA | *University of Pennsylvania*

CO-CHAIR

Luis Garza, MD, PhD | USA | *Johns Hopkins University School of Medicine*

11:00AM **177 Welcome & Introductions**

5

George Cotsarelis, MD | USA | *University of Pennsylvania*

11:05AM **178 Topical Inhibition of the Electron Transport Chain Stimulates the Hair Cycle**

12 min + 3 min QA

William Lowry, PhD | USA | *University of California, Los Angeles*

11:20AM **179 Deletions of Retinol Dehydrogenases Sdr16c5 and Sdr16c6 Alter the Hair Cycle and HFSC Marker, CD34, in Mice**

8 min + 2 min QA

Helen Everts, PhD | USA | *Texas Woman's University*

11:30AM **180 Commensal Microbiome Promotes Hair Follicle Regeneration by Inducing Keratinocyte HIF-1 α Signaling and Glutamine Metabolism**

12 min + 3 min QA

Luis Garza, MD, PhD | USA | *Johns Hopkins University School of Medicine*

11:45AM **181 Topical T3 and T4 Promote Hair Follicle Growth in Intact Human Scalp Skin Ex Vivo**

8 min + 2 min QA

Jeremy Cheret, PhD | USA | *University of Miami Miller School of Medicine*

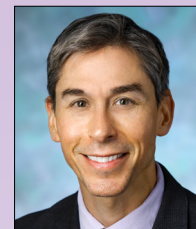
11:55AM **182 Closing Remarks**

5

Luis Garza, MD, PhD | USA | *Johns Hopkins University School of Medicine*



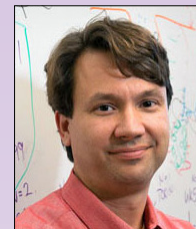
G. Cotsarelis



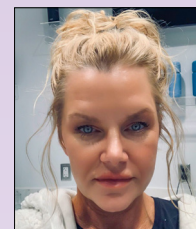
L. Garza



J. Cheret



W. Lowry



R. Newman



B. King



R. Sinclair



I. Chen



J. Chen

12:15PM-1:15PM

SESSION 29
JAK Inhibitors in the Treatment of Hair Loss

International Ballroom

Janus kinase (JAK) inhibitors have forever changed alopecia areata (AA), making treatment of moderate to severe disease possible. There is data suggesting that JAK inhibitors may be effective for treatment of other inflammatory alopecias, too. In this Session, the broad reach and potential of JAK inhibitors across inflammatory hair loss disorders will be reviewed.

CHAIR

Brett King, MD, PhD | USA | *Yale School Of Medicine*

CO-CHAIR

Rodney Sinclair, MD | Australia | *University of Melbourne*

12:15PM **183 Welcome & Introductions**

5

Rodney Sinclair, MD | Australia | *University of Melbourne*

12:20PM **184 JAK Inhibitors in the Treatment of Alopecia Areata**

12 min + 3 min QA

Brett King, MD, PhD | USA | *Yale School Of Medicine*

12:35PM **185 Oral Upadacitinib Restores Hair Loss in Alopecia Areata Patients**

8 min + 2 min QA

Jing Chen, MD, PhD | China | *Henan Provincial People's Hospital*

12:45PM **186 Inflammatory Alopecias: Novel Approaches to Treatment Using JAK Inhibitors**

12 min + 3 min QA

Rodney Sinclair, MD | Australia | *University of Melbourne*

1:00PM **187 Systemic and Topical Janus Kinase Inhibitors in the Treatment of Lichen Planopilaris and Frontal Fibrosing Alopecia**

8 min + 2 min QA

Isaac Li-Chi Chen, MD | USA | *Lahey Hospital & Medical Center*

1:10PM **188 Closing Remarks**

5

Brett King, MD, PhD | USA | *Yale School Of Medicine*

12:15PM-1:15PM

SESSION 30
Psychosocial Burden of Hair Disorders & Outcome Measures

Venetian Room

The study of the mental component associated with trichological manifestations reflects a modern personalized approach to the patient. Understanding the negative impact of stress on hair growth and integrating coping strategies in the treatment of trichopathologies, as well as the development of new pharmacotherapeutic strategies, may lead to expanded therapeutic modalities with relief of clinical symptoms as well as associated psychological consequences. The session will present the results of modern clinical studies carried out in tandem by dermatologists, psychiatrists and psychologists, focused on studying the impact of hair diseases on the patient's quality of life, the development and validation of rating scales for various trichopathologies, and the analysis of correlations of specific forms of alopecia with mental illnesses.

CHAIR

Arash Mostaghimi, MD, MPA, MPH | USA | *Brigham and Women's Hospital*

CO-CHAIR

Yuliya Ovcharenko, MD, PhD | Ukraine | *V.N. Karazin Kharkiv National University*
12:15PM 189 Welcome & Introductions

5

Arash Mostaghimi, MD, MPA, MPH | USA | *Brigham and Women's Hospital*
12:20PM 190 Beyond Health-Related Quality of Life: A New Scale for Addressing the Gap in Assessing the Full Range of Alopecia Areata Psychosocial Burden

12 min + 3 min QA

Kiki Gorbatenko-Roth, PhD | USA | *University of Wisconsin-Stout*
12:35PM 191 Cicatricial Alopecia Patient Assessment & Impact Report

8 min + 2 min QA

Jean Pickford | USA | *Scarring Alopecia Foundation*
12:45PM 192 Dermatotrichological Conditions Arising After Psychotrauma

12 min + 3 min QA

Yuliya Ovcharenko, MD, PhD | Ukraine | *V.N. Karazin Kharkiv National University*
1:00PM 193 Improvements in Health-Related Quality of Life and Psychological Symptoms in Patients with Severe Alopecia Areata Achieving Scalp Hair Regrowth: Results from Two Randomized Controlled Trials

8 min + 2 min QA

Arash Mostaghimi, MD, MPA, MPH | USA | *Brigham and Women's Hospital*
1:10PM 194 Closing Remarks

5

Yuliya Ovcharenko, MD, PhD | Ukraine | *V.N. Karazin Kharkiv National University*


A. Mostaghimi



Y. Ovcharenko



K Gorbatenko-Roth



J. Pickford



C. Quave



G. Westgate



U. Blume-Peytavi



A. Mizushima



A. Pawlus

12:15PM-1:15PM

SESSION 31

Ethnobotany & Natural Compounds for Hair

Gold Room

Ethnobotany as defined by the Oxford Dictionary is 'the scientific study of the traditional knowledge and customs of a people concerning plants and their medical, religious, and other uses'. However, plant derived actives and their uses has now transcended historical links to indigenous and geographical peoples, to become a mainstay of therapeutics and cosmetics, particularly in hair care. The session will reveal exciting novel clinical uses for two plant derived materials in alopecia, as well as discussing the sources, evaluation and benefits of plant derived actives for scalp and hair health.

CHAIR

Cassandra Quave, PhD | USA | *Emory University*

CO-CHAIR

Gillian Westgate, PhD | United Kingdom | *University of Bradford*

12:15PM 195 Welcome & Introductions

5

Cassandra Quave, PhD | USA | *Emory University*

12:20PM 196 Efficacy and Safety of Coacillium in Children and Adolescents with Moderate to Severe Alopecia Areata: A Randomized, Double-blind, Multicenter, Phase 2-3 Trial

8 min + 2 min QA

Ulrike Blume-Peytavi, MD, PhD | Germany | *Charité-Universitaetsmedizin*

12:30PM 197 Methods for Evaluating Botanicals for Hair Loss: A Hierarchy of Testing for Functional Studies and Claims

12 min + 3 min QA

Gillian Westgate, PhD | United Kingdom | *University of Bradford*

12:45PM 198 Development of Botanical Solutions for Scalp Health and Healthy Hair Aging

12 min + 3 min QA

Alison Pawlus, PhD | USA | *Aveda*

1:00PM 199 Hair Growth Promoting Potential of Botryococcus Terribilis and Its Novel Compound Methylated-Meijiococene

8 min + 2 min QA

Aprill Kee Oilva Mizushima | Japan | *University of Tsukuba*

1:10PM 200 Closing Remarks

5

Cassandra Quave, PhD | USA | *Emory University*

1:30PM-3:00PM

SESSION 32

Closing Ceremony and Tex-Mex Lunch

International Ballroom

CHAIR

Maria K. Hordinsky, MD | USA | *American Hair Research Society*

CO-CHAIRS

Gillian Westgate, PhD | United Kingdom | *University of Bradford*

Wilma F. Bergfeld, MD | USA | *International Federation of Hair Research Societies*

Rodney Sinclair, MD | Australia | *Australasian Hair and Wool Research Society*

Wenyu Wu, MD, PhD | China | *Chinese Hair Research Society*

Claire Higgins, PhD | United Kingdom | *European Hair Research Society*

Manabu Ohya, MD, PhD | Japan | *Society for Hair Science and Research (Japan)*

Ohsang Kwon MD, PhD | Korea | *Korean Hair Research Society*

Andrey Panteleyev, PhD | Russia | *Russian Hair Research Society*

Yuliya S. Ovcharenko, MD, PhD | Ukraine | *Ukrainian Hair Research Society*

- Reflections on the Congress from IFHRS Societies
- Presentation of Young Investigator Travel Grants
- Presentation of Scientific Planning Committee Certificates
- Presentation of The Jurgen Schweizer Prize from the EHRS
- Announcement of 2026 WCHR - Korean Hair Research Society
- 2030 WCHR Open Slot and Bid Process



M. Hordinsky



W. Bergfeld



R. Sinclair



W. Wu



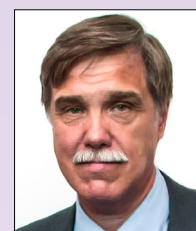
C. Higgins



M. Ohya



O. Kwon



A. Panteleyev



Y. Ovcharenko



NEXT WORLD CONGRESS WCHR2026

May 28-31, 2026

14th World Congress for Hair Research
Seoul, Korea

REGENCY BALLROOM ON THE BANQUET LEVEL
Second floor

POSTER PRESENTERS HANG THEIR POSTERS

Saturday | April 6 1:00PM-4:30PM

POSTER VIEWING HOURS

Saturday | April 6 4:30PM-8:45PM

Sunday | April 7 8:30AM-4:30PM

Monday | April 8 8:00AM-12:30PM
2:00PM-5:00PM

FORMAL POSTER SESSIONS

Monday | April 8 EVENS 10:30AM-11:00AM

ODDS 3:45PM-4:15PM

Poster Presenters should stand by their poster during the formal poster session that corresponds with your poster number (even or odd).

POSTER DISMANTLE

Monday | April 8 5:00PM-7:00PM

Alopecia Areata and Immunobiology

P001 Universal Alopecia Areata: Success After Intramuscular Corticotherapy, with No Adverse Effects

Laura Andrade, PhD | Brazil
Santa Casa Da Bahia

P002 Safety of Baricitinib Across Dermatology Indications: Atopic Dermatitis and Alopecia Areata

Susan Ball, PhD | USA
Eli Lilly and Company

P003 Clinical and Etiological Factors Associated with the Manifestation of Immune-mediated Comorbidities and Nail Abnormalities in Alopecia Areata

F. Buket Basmanav | Germany
Institute of Human Genetics, University of Bonn

P004 Exploring the Potential of Farudodstat, a DHODH Inhibitor, as an Alopecia Areata Therapeutic in a Novel Ex Vivo Model of Human Hair Follicle Immune Privilege Collapse

Marta Bertolini | Germany
Monasterium Laboratory Skin and Hair Research Solutions GmbH

P005 Pre-clinical in-vitro Assays for High Throughput Screening of Drug Candidates for Protection and Restoration of Immune Privilege in Alopecia Areata

Marta Bertolini | Germany
Monasterium Laboratory Skin and Hair Research Solutions GmbH

P006 Efficacy and Safety of Coacillium in Children and Adolescents with Moderate to Severe Alopecia Areata: A Randomised, Double-blind, Multicentre, Phase 2-3 Trial

Ulrike Blume-Peytavi, MD, PhD | Germany
Charité-Universitätsmedizin

P007 A Phase 2b Study Evaluating the Efficacy and Safety of Single Agent Repegaldesleukin, A Selective Regulatory T-Cell-Inducing Interleukin-2 Conjugate, in the Treatment of Severe Alopecia Areata

Sohail Chaudhry, MD, PhD | USA
Nektar Therapeutics

P008 The Efficacy of Dupilumab in Chinese Patients with Alopecia Areata with Elevated Total Serum IgE And/or Specific IgE

Jing Chen, MD, PhD | China
Henan Provincial People's Hospital

P009 Characteristics of Edema in Pediatric and Adult Patients with Alopecia Areata on Low-Dose Oral Minoxidil

Sarah Choe | USA
UC Irvine

P010 Inflammatory Alopecias and Associated Actinic Damage: Successful Treatment and Hair Regrowth with Diclofenac Gel

Sarah Choe | USA
UC Irvine

P011 Developing a Holistic Severity Score for Alopecia Areata: An Australian Initiative

Emadodin Darchini-Maragheh, MD | Australia
Department of Medicine, University of Melbourne, Melbourne, Victoria, Australia

P012 Downregulation of Ferroportin Promotes Ferroptosis in Alopecia Areata

Yuxin Ding, MD | China
Department of Dermatology, The Second Affiliated Hospital, School of Medicine, Zhejiang University

P013 Clinical Characteristics and Related Risk Factors for Ophiasis-Type of Alopecia Areata

Yi Dong | China
Department of Dermatology, The First Affiliated Hospital, Sun Yat-sen University

P014 Psychosocial and Occupational Burden on Caregivers of Adolescents with AA in Australia

Samantha Eisman, MBChB, MRCP, FACP | Australia
Sinclair Dermatology

P015 Sesame Allergy: Emergence and Association with Alopecia Areata

Ilhan Esse, BA | USA
University of Minnesota

P016 Efficacy and Safety of Baricitinib in Patients with Moderate-to-Severe Alopecia Areata

Weixin FAN, MD, PhD | China
First Affiliated Hospital of Nanjing Medical University

P017 Real-world Evidence for Efficacy of Baricitinib in the Treatment of Refractory Alopecia Areata

Hong Fang, MD | China
The First Affiliated Hospital, Zhejiang University School of Medicine

P018 SALT Score Cards: Facilitating SALT Score Calculation in Alopecia Areata

John Frewen, MD, PHD, MRCPUK (DERM) | Australia
Sinclair Dermatology

P019 Regulatory gdT Cells Protect Human Scalp Hair Follicles from Alopecia Areata in Vivo

Amos Gilhar, MD | Germany
Technion - Israel, Institute of Technology

P020 Impact of Baseline Depression on Patient-reported Treatment Benefit and Satisfaction Among Patients with Alopecia Areata Receiving Ritlecitinib in the ALLEGRO Phase 2b/3 Trial

Kimberly Gromek, PharmD | USA
Pfizer Inc.

P021 Emerging Therapies for Alopecia Areata: Current Status and Future Directions

Nikita Gupta, MBBS MD Msc | India
Consultant dermatologist

P022 Efficacy of Clinical and Pathogenetic Treatment of Patients with Alopecia Areata Associated with Metabolic Syndrome

Inna Horda, | Ukraine
Shupyk National Healthcare University of Ukraine, Kyiv

P023 Oral Minoxidil Monotherapy Treatment of Alopecia Areata

Luiza Kalil, MD | USA
Yale University

P024 Among Scalp Non-responder Patients with Eyebrow/Eyelash Regrowth in the First Year, Continued Treatment with Baricitinib Resulted in Meaningful Scalp Responses for Patients with Severe Alopecia Areata

Brett King, MD, PhD | USA
Yale School Of Medicine, Department Of Dermatology

P025 Combination Therapy of Dupilumab and Topical Immunotherapy for Atopic Dermatitis-Associated Alopecia Areata: 10 Case Series

Toshiaki Kogame, MD, PhD | Japan
Kyoto University Graduate School Of Medicine

P026 Decreased CD19+CD24hiCD38hi Regulatory B cells in Alopecia Areata

Geon-Jong Lee | Republic of Korea
Jeonbuk National University Hospital

P027 Prevalence of Alopecia Areata After COVID-19 Vaccination: A Cross-sectional Survey Among 54,365 Vaccine Recipients at the Central Vaccination Center of Thailand

Chinmanat Lekhavat, MD | Thailand
Institute of Dermatology

P028 The Role of Inflammasome in Alopecia Areata: NLRP3 and caspase-1 Is Strongly Associated with Initial and Progressive Stages of Alopecia Areata

Bark-Lynn Lew, MD, PhD | Republic of Korea
Kyung Hee University Hospital at Gangdong,
Kyung Hee University College of Medicine

P029 Single-cell Sequencing Reveals B Cell Response to Systemic Corticosteroid Therapy of Severe Alopecia Areata

Jiaxin Li, MD | China
Department of Dermatology, Beijing Tongren Hospital,
Capital Medical University, Beijing, China

P030 Improvements in Health-Related Quality of Life and Psychological Symptoms in Patients with Severe Alopecia Areata Achieving Scalp Hair Regrowth: Results from Two Randomized Controlled Trials

Arash Mostaghimi, MD, MPA, MPH | USA
Brigham and Women's Hospital

P031 Evaluating Incidence of Alopecia Areata Pre-and Post-COVID-19

Charissa Obeng-Nyarko, MS | USA
Department of Dermatology-Perelman School of Medicine, University of Pennsylvania;
Florida State University College of Medicine

P032 Oral and Scalp Microbiomes in Alopecia Areata

Jin Park, MD, PhD | Republic of Korea
Jeonbuk National University Hospital

P033 Experience with the Use of Baricitinib for the Treatment of Severe Alopecia Areata in Real-world Clinical Practice in a Private Center in Europe

Javier Perez-Bootello, MD | Spain
Hospital Universitario Ramón y Cajal, Madrid

P034 A Cross-Sectional Analysis of Medications Used by Patients Reporting Alopecia Areata on the FDA Adverse Event Reporting System

Advaitaa Ravipati, MS | USA
Dr. Phillip Frost Department of Dermatology and Cutaneous Surgery,
University of Miami Miller School of Medicine

P035 Alopecia Areata During Omalizumab Treatment

Manuela Recoder, MD | Brazil
Instituto Mariotto Recoder

P036 A Case Series to Evaluate the Use of Fractional Non-Ablative Laser Treatment in Alopecia Areata

Neil Sadick, MD | USA
Sadick Dermatology

P037 Survival Paradox in Alopecia Areata: Mortality Trends from a Population-Based Cohort Study

Jesse Salas | USA
UC Irvine

P038 Baricitinib Treatment Increases Eyebrow and Eyelash Regrowth up to 52 Weeks

Najwa Somani, MD | USA
Eli Lilly and Company

P039 Duration of Current Episode of Alopecia Areata (AA) Influences Prognosis During Treatment with Baricitinib in Patients with Severe AA

Najwa Somani, MD | USA
Eli Lilly and Company

P040 Long-term Efficacy of Baricitinib in Alopecia Areata: 3-year Results from BRAVE-AA1 and BRAVE-AA2

Najwa Somani, MD | USA
Eli Lilly and Company

P041 Efficacy of Dupilumab and Its Revelation on Correlations Between Ophiasis, Poliosis and Th2 in Alopecia Areata

Munire Tayier | China
Department of Dermatology, The First Affiliated Hospital,
Sun Yat-sen University

P042 Concurrent Improvement in Scalp Hair and Eyebrow or Eyelash Regrowth in Patients with Severe Alopecia Areata Treated with Baricitinib

Antonella Tosti, MD | USA
Dr. Phillip Frost Department of Dermatology and Cutaneous Surgery,
University of Miami Miller School of Medicine

P043 Clinical and Trichoscopic Observation in the Patients with Chronic, Severe AA Treated with Baricitinib: A Retrospective Study of 97 Japanese Patients

Masaki Uchiyama, MD, PhD | Japan
Tokyo Medical University

P044 Combination Oral Minoxidil and Baricitinib Treatment of Alopecia Areata

Kailyn Valido, BS | USA
Yale School of Medicine

P045 Association between Psoriasis and Alopecia Areata: A Systematic Review and Meta-analysis

Chong Hyun Won, MD, PhD | Republic of Korea
Asan Medical Center,
University of Ulsan College of Medicine

P046 Hair Follicle Melanocytes Initiate Autoimmunity in Alopecia Areata: A Trigger Point

Bo Xie, MD | China
Hangzhou Third People's Hospital,
Affiliated Hangzhou Dermatology Hospital,
Zhejiang University School of Medicine

P047 Characterizing the Associations and Predictors of Nose Hair Loss in Alopecia Areata

Joseph Younis, MD | USA
University of California Irvine

P048 Hair Loss in Alopecia Areata-like Pattern with Elevated Total IgE

Zixun Zeng, MD | China
First Affiliated Hospital of Kunming Medical University

Biology and Biophysics of Textured Hair

P049 Clay as an Experimental Cleanser for Afro-Textured Hair

Kaelynn Workman, BS | USA
Cleveland Clinic Foundation

Female Hair Loss, Hormones, and Aging

P050 Induction of Hair Growth in Female Pattern Hair Loss Through Microneedling: Current Research Trends and Future Insights

Rama Abidin, BS | USA
Charles E. Schmidt College of Medicine at
Florida Atlantic University

P051 Cultured Dermal Papilla and Dermal Sheath Cells from Female Scalp Express Significantly Different Transcriptional and Proteomic Profiles with Age

Richard Baker, BSc | United Kingdom
University of Bradford

P052 Exploring Novel Treatments for Female Pattern Hair Loss: Estetrol Promotes Anagen Prolongation, Dermal Papilla Functions and Expansion of Stem Cell Progeny in Female Hair Follicles Ex Vivo

Marta Bertolini, n/a | Germany
Monasterium Laboratory Skin and
Hair Research Solutions GmbH

P053 Combination of Antiandrogens in the Treatment of Female Pattern Hair Loss: Describing Their Use in Routine Clinical Practice

Diego Buendia-Castaño, MD | Spain
Grupo Pedro Jaén

P054 Clinical Relevance of Hair Growth Measurements: A 5 Year Profile of ALRV5XR

Peter Feldman, PhD | Canada
Arbor Life Labs, Norwich Medical School
(University of East Anglia)

P055 Reversal of AGA Miniaturised Hairs Observed in Follicular Units over 5 Years

Peter Feldman, PhD | Canada
Arbor Life Labs, Norwich Medical School
(University of East Anglia)

P056 Real-world Experience of Efficacy and Safety of Oral Minoxidil in Patients with Female Patients with Pattern Hair Loss : Increases Hair Density and Diameter in Both Frontal Hairline and Vertex

Da-Hyun Kang, MD | Republic of Korea
Kyung Hee University Hospital at Gangdong,
Kyung Hee University College of Medicine

P057 Microinjections in Female Androgenetic Alopecia

Nino Khutsishvili, MD | Georgia
David Tvildiani Medical University

P058 Withdrawn

P059 Olink Proteomics Analysis of Inflammatory Related Protein Biomarkers in Chinese Female Patients with Female Pattern Hair Loss

Qingmei Liu, PhD | China
Huashan Hospital

P060 Platelet-rich Plasma in Chemotherapy-induced Hair Loss: A Case Report

Nathalie Ly | USA
University of Minnesota

P061 A Breath of Fresh “HAIR”

Ameshin Moodley, MD | South Africa
University of KwaZulu-Natal

P062 A Randomized, Non-inferiority Trial of Oral Minoxidil 1.25 Mg versus 5% Topical Minoxidil Solution in the Treatment of Female Pattern Hair Loss (FPHL)

Ratchathorn Panchaprateep, MD, PhD, FISHRS | Thailand
Division of Dermatology, Department of Medicine,
Faculty of Medicine, Chulalongkorn University

P063 Alopecia, Acne and Seborrhea: The Dermatological Side Effects of Contraception Methods and What the Consumer Should be Aware of

Inchara Raj, MS | USA
University of Texas Medical Branch

P064 Impact of Hormonal Variations on Women's Self-perception of Scalp and Hair Problem: A Worldwide Real-life Study

Beatriz Sant'Anna, MSc | France
Vichy

P065 A Retrospective Study on Factors Related to Female Androgenetic Alopecia

Rong Tao, MD | China
Beijing Tongren Hospital, Capital Medical University

P066 Hair Follicle, Fiber, and Scalp Are Affected in Age-associated Decrease of Hair Diameter

Eddy Hsi Chun Wang, PhD | USA
L'Oreal

P067 A Prospective, Randomized, Controlled, Evaluator Blinded Trial of Topical 5% Minoxidil Alone, Minoxidil Plus Oral Spironolactone, and Minoxidil Plus Low-level Light Therapy in the Treatment of FPHL

Fenglin Zhuo, MD | China
Capital Medical University

Genetics, Genodermatoses and Pediatric Hair Disorders**P068 Trichorhinophalangeal Syndrome: A Case Report**

Laura Andrade, PhD | Brazil
Santa Casa Da Bahia

P069 Short Anagen Hair Syndrome: Association with Mono- and Biallelic Variants in WNT10A and a Genetic Overlap with Male Pattern Hair Loss

Nicole Cesarato, MSc | Germany
Institute of Human Genetics, University of Bonn

P070 Clinical and Trichoscopic Findings in a Patient with Hypohidrotic Ectodermal Dysplasia

Karla Delgado Moreno, MD | Mexico
Clinica Hospital Constitución, Instituto de Seguridad y Servicios Sociales de los Trabajadores del Estado

P071 New Biomarkers as Potential Diagnosis for Scalp Psoriasis with Alopecia and Their Association with the Development of Metabolic Syndrome During the Disease Course

Randa Erfan, MD, PhD, MRCSI, ABHRS | Egypt
Department of Medical Biochemistry and Molecular Biology

P072 Short Anagen Syndrome: Case Reports and Role of Psychological Treatment

Marta Hladun, MD | Ukraine
Idermic

P073 Bullous Aplasia Cutis Congenita in Neonate: Two Case Reports

Ye Ji Kim, MD | Republic of Korea
Hallym University, Kangdong Sacred Heart Hospital

P074 Hair Changes as Diagnostic Clues in Primary Immunodeficiency Disorders

Reis Mukhamadiev, MD | Germany
Research Institute of Dermatology

P075 A Rare Variant in the SREBF1 Gene May Be Associated with Monilethrix

Yutaka Shimomura, MD, PhD | Japan
Yamaguchi University Graduate School of Medicine

P076 Withdrawn**P077 A Family Report of Congenital Hypotrichosis with Hidrotic Ectodermal Dysplasia**

Hengguang Zhao, MD, PhD | China
The Second Affiliated Hospital of Chongqing Medical University

P078 A Family Report of Hereditary Trichorrhexis Nodosa

Hengguang Zhao, MD, PhD | China
The Second Affiliated Hospital of Chongqing Medical University

P079 Two Cases of Hypotrichosis 14 Caused by a Novel and a Recurrent Mutation in the LSS Gene

Mengxi Zhao | China
Peking University's Hospital

Great Hair Cases from Around the World**P080 Scalp Threading Treatment for Hair Regrowth in Alopecia Androgenetica Scalp Threading Applied as Mono and Combination Therapy**

Elena Arsova, DMD | Serbia
EHRS

P081 Adolescent Male Presenting as Cicatricial Female Pattern Hair Loss

Qitao Chen, Graduate Student | China
Department of Dermatology, the Affiliated Wuxi People's Hospital of Nanjing Medical University, Wuxi People's Hospital, Wuxi Medical Center, Nanjing Medical University, China

P082 Lichen Planopilaris Mimicking Erosive Pustular Dermatitis of the Scalp: Report of Two Cases

Qitao Chen, Graduate Student | China
Department of Dermatology, the Affiliated Wuxi People's Hospital of Nanjing Medical University, Wuxi People's Hospital, Wuxi Medical Center, Nanjing Medical University, China

P083 Half-Scalp Alopecia Caused by Endovascular Embolization Treatment: A Case Report

Xi Chen, MD | China
Beijing Tongren Hospital, Capital Medical University

P084 Scalp Cooling Success in a Black Woman

Michaela Crawford, BS | USA
Meharry Medical College

P085 IFAP Syndrome: A Case Series

Can Cui | China
Beijing Tongren Hospital, Capital Medical University

P086 Trichoscopy Findings of Syringoid Eccrine Carcinoma in Scalp

Ana Cristina R. Fonseca | Brazil
Instituto Mاريو Recoder

P087 Pericardial Effusion in Two Patients on Topical Minoxidil

Michael Freddy, Medical Student | USA
UCLA David Geffen School of Medicine

P088 Cicatricial Alopecia Related to Folliculotropic Mycosis Fungoides: A Case Report and Literature Review

Ruiming Hu, MD | China
Huashan Hospital, Fudan University

P089 Hair Loss - A Jamaican Perspective

Llorenia Muir-Green, BSc, MB.BS., MSc.
Clinical Dermatology | Jamaica
Dermatology Association of Jamaica,
Caribbean Dermatology Association

P090 Tyrosine Kinase Inhibitor Nilotinib Treatment Causing Alopecia: A Report of Two Cases

Maria Fernanda Reis Gavazzoni Dias, MD, MSc, PhD | Brazil
Universidade Federal Fluminense

Hair Care and Aesthetics**P091 Hair Damage Prevention: Superior Functional Benefits of Novel Dimethiconol/Silsesquioxane Copolymer in Lamellar Gel System**

Andrew Avery, PhD | United Kingdom
Unilever R&D

P092 Pressure Alopecia as a Side Effect of Lateral Face Lift

Olga Busko, MD | Ukraine
Private Clinic

P093 Hair Loss in Women of African Descent- A Practical Approach

Llorenia Muir-Green, BSc, MB.BS., MSc. Clinical Dermatology | Jamaica
Dermatology Association of Jamaica,
Caribbean Dermatology Association

P094 The Usage of Skin Care Products Before Dyeing in Order to Reduce the Manifestations of Contact Dermatitis

Liubov Mukomela | Ukraine
UHRS

P095 Efficacy and Tolerance of a Selenium Disulfide-based Shampoo in Chinese Subjects with Mild-to-moderate Scalp Seborrheic Dermatitis: Results from a Double-blind, Randomized, Vehicle-controlled Study

Chunya Ni, MD | China
Jing'an District Central Hospital

P096 Effect of Recombinant Human Thymosin β 4 Combined with Microneedle on Hair Growth in Mice

Longquan Pi, MD, PhD | China
Yanbian University Hospital

P097 Promoting Activities of Polyethylene Glycol-modified Recombinant Collagen III on Hair Growth

Longquan Pi, MD, PhD | China
Yanbian University Hospital

P098 Availability of Cranial Hair Prostheses for Black Patients at Comprehensive Cancer Centers

Lucy Rose, MA | USA
The Ohio State University

P099 A 1% Selenium Disulfide-based Shampoo Is as Beneficial as 2% Ketoconazole Shampoo to Manage Moderate to Severe Scalp Seborrheic Dermatitis

Beatriz Sant'Anna, MSc | France
Vichy

P100 Benefit of a Selenium Disulfide-based Shampoo in Subjects of Any Phototype and Hair Type Presenting with Dandruff

Beatriz Sant'Anna, MSc | France
Vichy

P101 Development of Natural Hair Loss Relief Product from Sophora Flavescens Root Extract

JongBae Seong, | Republic of Korea
HK KOLMAR

P102 Creation of a Validated Photographic Scale to Assess Textured Hair Cosmetic Properties

Kaelynn Workman, BS | USA
Cleveland Clinic Foundation

P103 Concentrated Growth Factor Therapy as Cosmetic Treatment in Discoid Lupus Erythematosus

Xiaoshuang Yang, MD | China
Second Affiliated Hospital, Zhejiang University School of Medicine

P104 Exploration of Hair Loss Caused by Early Topical Treatment of Androgenetic Alopecia with 5% Minoxidil

Xiaoshuang Yang, MD | China
Second Affiliated Hospital, Zhejiang University School of Medicine

P105 Assessing the Impact of Glycerin on Hair Fiber Properties

Anwar Zahar, BS | USA
Aveda Hair Care Innovation R&D

P106 Amine Derivatives with Electron Donors as Hair Colorant Alkalizers in Reducing Hair Fiber Damage

Jeanna Zguris, PhD | USA
The Estée Lauder Companies

Hair Care and Management in Transgender Patients

P107 Hair Restoration Surgery for the Transgender Patient

Leila Bloch, MD, PhD | Brazil
Clínica Bloch

P108 Changes in Scalp Hair Within 6 Months of Commencing Gender-affirming Hormone Therapy: An Observational Study

Gia Tang, BMedSc, MD, MPHTM | Australia
The University of Melbourne

Hair Follicle Metabolism and Micronutrients

P109 Elevated Mercury Levels in Hair Loss Patients

Theodore Daly, MD | USA
Garden City Dermatology & The Garden Spa

P110 Hair Thickness Growth Effect of Topical Minoxidil and Adenosine in Male-pattern and Female-pattern Hair Loss

Jaeyoon Kim, PhD | Republic of Korea
LG Household & Healthcare

P111 Level of Vitamins and Trace Elements in Androgenetic Alopecia (AGA): A Systematic Review and Meta-analysis

Jiaxin Li, MD | China
Department of Dermatology, Beijing Tongren Hospital, Capital Medical University, Beijing, China

P112 Deletions of Retinol Dehydrogenases Sdr16c5 and Sdr16c6 Alter the Hair Cycle and HFSC Marker, CD34, in Mice

Regina Newman, MS | USA
Texas Woman's University

P113 Iron Indices Before versus After Iron Infusions in Nonscarring Alopecia Patients with Iron Deficiency Anemia

Kim Nguyen, BS | USA
University of Minnesota

P114 A New Integrated Theory of Hair Loss and Innovations in Remediation

Nicholas Sadgrove, PhD | Australia
University of Johannesburg

P115 Withdrawn

Hair Follicle Microenvironment

P116 Scalp Flora Plays a Role in the Hair Regrowth Effect of Topical Minoxidil

Yasutaka Osada, PhD | Japan
ANGFA Co., Ltd.

P117 Innervation Patterns Around the Human Hair Follicle

Anna Rhodes, MEng | United Kingdom
Imperial College London

P118 Nerve-stem Cell Interaction Across Age and Sex

Yulia Shwartz, PhD | USA
University of Southern California

P119 MPZL3 Regulates Sebaceous Gland Morphogenesis and Homeostasis in Vivo and Ex Vivo

Tongyu Wikramanayake, PhD | USA
University of Miami Miller School of Medicine

Hair Follicle Morphogenesis and Dermal Papilla

P120 Understanding Hair Loss Caused by Hedgehog Inhibitors in BCC and BCNS Syndrome Patients

Jiang Chen, MD | USA
Stony Brook University

P121 Establishment of in Vitro Approach Adopting Trichogenenic Signal Activation and Three-dimensional Reconstruction for Improvement of Biomarker Expression Levels in Cultured Human Dermal Papilla Cells

Reina Hayakawa, MD, PhD student | Japan
Department of Dermatology, Kyorin University Faculty of Medicine

P122 Regional Expression of Secreted Wnt Inhibitors Dictates Formation of Hairless and Poorly Haired Skin

Alicia Ho, BS | USA
Mount Sinai

P123 MicroRNA17-92 Regulates Murine Hair Cycle via Hair Stem Cell Control

Jing Jing, MD, PhD | China
second affiliated hospital of Zhejiang University

P124 The Regulation of Hair Inducing Genes by Hypoxia-inducible factor-1a in Dermal Papilla Cells

Jieun Seo, PhD | Japan
Faculty of Engineering and Institute of Advanced Sciences, Yokohama National University; Kanagawa Institute of Industrial Science and Technology

P125 Investigating the Intrinsic Regulation of the Hair Follicle Stem Cell Niche by Mef2c - Developing Novel in Vivo and in Vitro Tools

Tracy Tien, BSc (Hons) | Singapore
A*STAR Skin Research Labs (A*SRL)

P126 Multilayer Culture of to Grow Dermal Papilla Cells Promotes While Maintaining Their Hair Inductive Ability

Lei Yan, PhD | Japan
Kanagawa Institute of Industrial Science and Technology

P127 Wnt Pathway Activation Modifies Collective Dermal Papilla Cell Behaviour, Delays Cell Outgrowth and Proliferation, and Reduces DNA Damage Repair During Initial 3D to 2D Transition in Explant Culture

Yaqi Ye, MSc | United Kingdom
Durham University

P128 Development of a Novel 3D Bilayered 3D Spheroid Model as a Human Protofollicle Structure

Masoume Yousefi | United Kingdom
Durham University

P129 Establishment of an in Vitro Culture System for Hair Follicle Organoids and the Mechanism of Hair Follicle Regeneration

Yinghui Zhou, PhD | China
Department of Dermatology, Huashan Hospital, Fudan University

Hair Follicle Pigmentation, Cycling, and Senescence

P130 Lnc-MEG3 Inhibits Hair Follicle Regeneration by Targeting miR-24 to Suppress AKT Signaling

Yuhong Chen, PhD | China
The Second Affiliated Hospital of Zhejiang University, School of Medicine

P131 Human Scalp Hair Follicles Operate Key Elements of a Functional Peripheral Equivalent of the Hypothalamic-pituitary-thyroid Axis

Jeremy Cheret, PhD | USA
University of Miami Miller School of Medicine

P132 Melatonin Is a Novel Modulator of Human Scalp Hair Follicle Growth and Pigmentation Ex Vivo

Jeremy Cheret, PhD | USA
University of Miami Miller School of Medicine

P133 Tacrolimus/FK-506 Stimulates Human Scalp Hair Follicle Growth Ex Vivo

Jeremy Cheret, PhD | USA
University of Miami Miller School of Medicine

P134 Taxane Chemotherapy Promotes Human Scalp Hair Follicle Aging/senescence and Epigenetic Abnormalities

Jeremy Cheret, PhD | USA
University of Miami Miller School of Medicine

P135 Topical T3 and T4 Promote Hair Follicle Growth in Intact Human Scalp Skin Ex Vivo

Jeremy Cheret, PhD | USA
University of Miami Miller School of Medicine

P136 Vasoactive Intestinal Peptide: A Novel Negative Regulator of Human Hair Follicle Pigmentation

Jeremy Cheret, PhD | USA
University of Miami Miller School of Medicine

P137 Inducing Fate Changes at the Hair Follicle Stem Cell Niche to Regulate Hair and Skin Pigmentation

Carlos Clavel, PhD | Singapore
A*STAR Skin Research Labs

P138 Effects of Aging on Hair Follicle Type Determination

Jasson Makkar | USA
Washington State University

P139 Potential Use of a Novel Chamber Model in Melanocyte and Pigmentation Related Studies

Sheng Wan | China
Department of Dermatology, Hangzhou Third People's Hospital, Affiliated Hangzhou Dermatology Hospital, Zhejiang University School of Medicine

P140 Epithelially Derived, Mitochondrially Localized MPZL3 Regulates Murine and Human Hair Follicle Cycling

Tongyu Wikramanayake, PhD | USA
University of Miami Miller School of Medicine

P141 The PD-1/PD-L1 Pathway in Murine Hair Cycle Transition: A Potential Anagen Phase Regulator

Lijuan Zhou, PhD | China
Huashan Hospital, Fudan University

Hair Follicle Stem Cells

P142 Transient p53/p21-activation Selectively Protects Healthy Human Hair Follicles and Their Stem Cells from 4-HC and Paclitaxel-induced Alopecia

Jeremy Cheret, PhD | USA
University of Miami Miller School of Medicine

P143 Hair Follicle Organoids Derived from Human Hair Follicle Stem Cells and Fibroblasts

Weiling Lian, PhD | China
Fudan University Huashan Hospital

P144 Acute Spinal Cord Injury Functionally Repaired by Direct Transplantation of Human Hair-follicle-associated Pluripotent (HAP) Stem Cells in Nude Mice Demonstrating Clinical Potential

Koya Obara, MD, PhD | Japan
Kitasato University School of Medicine

P145 Cryopreservation of the Hair Follicle and Use in Autologous Regenerative Medicine

Drew Taylor, PhD | Canada
Acorn Biolabs

Hair Restoration Surgery

P146 Hair Restoration Surgery as Single Treatment for Cutis Vertix Gyrata

Leila Bloch, MD, PhD | Brazil
Clínica Bloch

P147 Hair Transplantation in Decalvans Folliculitis. Efficacy Assessment in a Series of Nine Patients in Real Practice

Ruth Cova-Martín, MD | Spain
Hospital Universitario Ramón y Cajal

P148 Detection Of Active Lpp in a Patient Before The Second Hair Transplant Session

Ekaterina Denisova, MD | Russia
Volosy.ru

P149 Hair Transplant Donor Site Associated Hair Neogenesis: Quantitative Trichoscopy Results

John Frewen, MD, PHD, MRCPUK (DERM) | Australia
Sinclair Dermatology

P150 Devastating Complications Following Follicular Unit Extraction Hair Transplantation: 2 Case Report About Scarring Tufted Folliculitis

Byung Cheol Park, Professor | Republic of Korea
Department of Dermatology, Dankook University Hospital

P151 Long-Hair Follicular Unit Excision Enhances the Cosmetic Results of Hairline Restoration a Retrospective Study in Chinese Recipients

Longquan Pi, MD, PhD | China
Yanbian University Hospital

P152 Female No-Shave Preview Long Hair FUE or FUT Transplantation

Marcelo Pitchon, MD | Brazil
ISHRS

P153 Variables Affecting the Efficacy of a Platelet-Rich Plasma Protocol for the Treatment of Androgenetic Alopecia, a Retrospective Study

Zinaria Williams, MD | USA
Mount Sinai

P154 Treatment of Vitiligo-associated Leukotrichia Using a Trichiasis Electrolyzer and Single Hair Follicle Transplantation

Yi Wu, MD | China
Hangzhou Third People's Hospital

P155 Follicular Unit Transplantation for the Treatment of Eyebrow Loss After Burns: A Report of 2 Cases

Zifu Zhou | China
General Hospital of Ningxia Medical University, Yinchuan, Ningxia, China

Imaging and Trichoscopy Advances

P156 Preferential Laterality in Scalp Hair Density

Amanda Duong, BS | USA
University of California, Irvine

P157 Trichoscopy Features in the Healthy Dark Skin Female

Nadia El Kadi, MD, MSc | Brazil
Federal Fluminense University

P158 Evolution of Hair Measurements for Clinical Outcomes: Are They Reliable?

Peter Feldman, PhD | Canada
Arbor Life Labs, Norwich Medical School (University of East Anglia)

P159 Three-dimensional Ultra-high Frequency Ultrasound Visualizes Phase-specific Microstructural Changes in Alopecia Areata: An Innovative Modality Facilitating Pathophysiology-based Treatment Planning

Tatsuro Iwasaki, MD | Japan
Department of Dermatology, Kyorin University Faculty of Medicine

P160 Prevalence, Clinical Spectrum and Trichoscopy Findings of Scalp Hair Disorders Seen at the Regional Dermatology Training Centre, Moshi - Northern Tanzania

Cyndy Muliro, MD | Kenya
Regional Dermatology Training Center

P161 Central Centrifugal Cicatricial Alopecia: Trichoscopy and Epidemiology

Ivie Obeime, DO | USA
Wake Forest School of Medicine

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Ora Raymond, BA | USA
University of Minnesota Medical School

P163 Trichoscopic Findings and Detection of Treponema Pallidum Through Polymerase Chain Reaction in Syphilitic Alopecia: Report of 5 Cases

Danielle Westphal, MD | Brazil
Alfredo da Matta Foundation

JAK Inhibitors in the Treatment of Hair Loss

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Ulrike Blume-Peytavi, MD, PhD | Germany
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P165 Integrated Analysis of Malignancy Risk in Patients with Alopecia Areata (AA) Treated with Ritlecitinib in the Phase 2 and Phase 3 ALLEGRO Clinical Trials and in a US AA Cohort

Alanna Chaudhry, MSc, PhD | USA
Pfizer Inc.

P166 Oral Upadacitinib Restores Hair Loss in Alopecia Areata Patients

Jing Chen, MD, PhD | China
Henan Provincial People's Hospital

P167 Upadacitinib for the Treatment of Refractory Fibrosing Alopecia in a Pattern Distribution: A Case Report

Jing Chen, MD, PhD | China
Henan Provincial People's Hospital

P168 Systemic and Topical Janus Kinase Inhibitors in the Treatment of Lichen Planopilaris and Frontal Fibrosing Alopecia: A Retrospective Review

Li-Chi Chen, MD | USA
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Lingdi Dong, PhD | China
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P170 Treatment of Extensive Alopecia Areata in Young Pediatric Patients with a JAK Inhibitor

Ana Lucia Junqueira, MD | Brazil
Clínica Ana Carina Junqueira

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Chinmanat Lekhavat, MD | Thailand
Institute of Dermatology

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Bark-Lynn Lew, MD, PhD | Republic of Korea
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Kyung Hee University College of Medicine

P173 Baricitinib Therapy for Children Aged 1-13 Years with Severe Alopecia Areata

Mao Lin, MD, PhD | China
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P174 The Evaluation of JAK Inhibitors on Effect and Safety in Alopecia Areata: A Systematic Review and Meta-analysis of 2018 Patients

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P175 Improvements in Eyebrow and Eyelash Regrowth with Deuruxolitinib Treatment of Moderate to Severe Alopecia Areata: Outcomes from the Multinational, Placebo-controlled THRIVE-AA2 Phase 3 Trial

Arash Mostaghimi, MD, MPA, MPH | USA
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Chino Ogbutor, BA | USA
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Thierry Passeron, MD, PhD | France
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Melissa Piliang, MD | USA
Cleveland Clinic

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Nanjing Medical University, China

P180 Integrated Analysis of Infection Risk in Patients with Alopecia Areata (AA) Treated with Ritlecitinib in the Phase 2 and Phase 3 ALLEGRO Clinical Trials and in a US AA Cohort

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Pfizer Inc.

P181 Treatment Strategy on Alopecia Areata and Application of JAK Inhibitor-- A Questionnaire-Based Real-World Survey in China

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P182 Deuruxolitinib Achieves Significant Scalp Hair Regrowth in Adult Patients with Moderate to Severe Alopecia Areata: Efficacy Results from the Multinational, Placebo-controlled THRIVE-AA2 Phase 3 Trial

Athanasios Tsianakas, PD, PhD | Germany
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Xue Wang, PhD | China
Beijing Children Hospital

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Leila Bloch, MD, PhD | Brazil
Clinica Bloch

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Débora Cadore de Farias, MD | Brazil
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Yeqin Dai, MD | China
Hangzhou Third People's Hospital

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Zhili Deng, PhD | China
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Amos Gilahr, MD | Germany
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Doyoung Kim, MD, PhD | Republic of Korea
Yonsei University College of Medicine

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Taro Koyama, MD | Japan
Dclinic

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Bark-Lynn Lew, MD, PhD | Republic of Korea
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Huashan Hospital Fudan University

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Advaita Ravipati, MS | USA
Dr. Phillip Frost Department of Dermatology and Cutaneous Surgery,
University of Miami Miller School of Medicine

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Xiuzu Song, PhD | China
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Hiroya Takada, PhD on Med and Eng | Japan
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Chong Hyun Won, MD, PhD | Republic of Korea
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Wenyu Wu, MD | China
Huashan Hospital, Fudan University

Natural Products and Botanical Compounds for Treatment of Hair Disorders

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Aprill Kee MIZUSHIMA | Japan
Tsukuba Life Science Innovation (T-LSI) Program,
Graduate School of Comprehensive Human Sciences,
University of Tsukuba

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Masako Morishita, Pharmacist | Japan
Angfa Co., Ltd

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Alison Pawlus, PhD | USA
Aveda

Other - Hair Research

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Yagiz Akiska, BSE | USA
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University of California San Francisco;
George Washington University School of Medicine and Health Sciences

P202 Optimized Hidradenitis Suppurativa Skin Organ Culture as Preclinical Research Platform

Marta Bertolini | Germany
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Maria Bovcon, MSc | Argentina
AATRI - Asociacion Argentina de Tricología

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Deesha Desai, BS | USA
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Janin Edelkamp | Germany
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Peter Feldman, MD | Canada
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Carolyn Goh, MD | USA
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Eran Gwillim, MD | USA
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Sang-Seok Kim, MD, PhD | Republic of Korea
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Stephanie Leclerc-Mercier | France
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Kevin McElwee, PhD | United Kingdom
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Kevin McElwee, PhD | United Kingdom
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Andrey Panteleyev, PhD | Russia
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Kevin Puerta Durango, BS, BA | USA
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Neil Sadick, MD | USA
Sadick Dermatology

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Divya Sharma, FAAD | USA
Sutter Health - Palo Alto Medical Foundation and Kaiser Permanente

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Hsiao Han Tuan, MD | China
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Kaelynn Workman, BS | USA
Cleveland Clinic Foundation

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Yujing Zhang | China
Peking University People's Hospital

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Yujing Zhang | China
Peking University People's Hospital

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Jun Zhao, MD | China
Huashan Hospital affiliated to Fudan University

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Chang Hun Huh, MD, PhD | Republic of Korea
Seoul National University Bundang Hospital

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Man Li, MD | China
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Ora Raymond, BA | USA
University of Minnesota Medical School

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Neil Sadick, MD | USA
Sadick Dermatology

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Neil Sadick, MD | USA
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Mattea Johnson, BS | USA
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Kristina Gorbatenko-Roth, PhD, LP | USA
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Shanelle Jackson, BS | USA
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Nino Lortkipanidze, MD, PhD | Georgia
David Tvildiani Medical University

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Yuliya Ovcharenko, MD, PhD | Ukraine
V.N. Karazin Kharkiv National University

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Jing Chen, MD, PhD | China
Shanghai ReMed Biotechnology Co., Ltd

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Jennifer Dillon, PhD | United Kingdom
HairClone

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Seunghye Lee, PhD candidate | Republic of Korea
Seoul National University

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Yanhua Li, MD, PhD | China
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Xuegang Xu, MD, PhD | China
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Scarring Alopecias

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Alessandra Anzai, MD, PhD | Brazil
University of São Paulo

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Abhinav Birda | USA
UC Irvine School of Medicine

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Qitao Chen, Graduate Student | China
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Dina Collins, MS | USA
Johns Hopkins School of Medicine

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Jonique Depina, MS | USA
Kansas City University College of Osteopathic Medicine

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Isabella Doche, MD, PhD | Brazil
University of Sao Paulo

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Xufeng Du, MD | China
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Aida Gadzhigorieva, MD, PhD, D.Med.Sc | Russia
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Carolyn Goh, MD | USA
University of California, Los Angeles

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Renee Haughton, MD | USA
UC Davis

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Bark-Lynn Lew, MD, PhD | Republic of Korea
Kyung Hee University Hospital at Gangdong, Kyung Hee University College of Medicine

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Nathalie Ly | USA
University of Minnesota

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Anna Lyakhovitsky, MD | Israel
Sheba Medical Center, Tel Hashomer, Tel Aviv University

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Jorge Naharro-Rodríguez | Spain
Ramon y Cajal University Hospital

P254 Central Centrifugal Cicatricial Alopecia in Men
Ivie Obeime, DO | USA
Wake Forest School of Medicine

P255 Association of Fibroids and Endometriosis and Scarring Alopecias
Chino Ogbutor, BA | USA
Lahey Hospital & Medical Center

P256 Involvement of Non-Lesional Occipital Areas in Frontal Fibrosing Alopecia (FFA): A Clinical, Histopathological and Trichoscopic Study
Ratchathorn Panchaprateep, MD, PhD, FISHRS | Thailand
Division of Dermatology, Department of Medicine, Faculty of Medicine, Chulalongkorn University

P257 Exploring Mind-Body Medicine in Scarring Alopecia: Insights from Patient Feedback
Song Park, MD | USA
University of Washington

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Ralf Paus, MD | Germany
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Denys Penaloza, MD | Argentina
Hospital Italiano de Buenos Aires Argentina

P260 Cicatricial Alopecia Patient Assessment & Impact Report
Jean Pickford, BA | USA
Scarring Alopecia Foundation

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Advaitaa Ravipati, MS | USA
Dr. Phillip Frost Department of Dermatology and Cutaneous Surgery, University of Miami Miller School of Medicine

P262 New Histopathological Findings in Scarring Alopecias
Maria Fernanda Reis Gavazzoni Dias, MD, MSc, PhD | Brazil
Universidade Federal Fluminense

P263 Red Islands: New Trichoscopic Features of Fibrosing Alopecia in a Pattern Distribution
Maria Fernanda Reis Gavazzoni Dias, MD, MSc, PhD | Brazil
Universidade Federal Fluminense

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Maria Fernanda Reis Gavazzoni Dias, MD, MSc, PhD | Brazil
Universidade Federal Fluminense

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Luis Sánchez-Dueñas | Mexico
Dermika Centro Dermatológico Láser

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Tatiana Silyuk, MD | Russia
Hair Treatment and Transplantation Center

P267 A Case of Scalp Discoid Lupus Erythematosus Treated by FUE
Kai Yang, MS | China
Jing'an District Central Hospital

P268 M2 Macrophage and Extracellular Matrix Genes Are Enriched in High Activity Lichen Planopilaris
Ümmügülsüm Yıldız-Altay, MD | USA
UMass Chan Medical School

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Carlos Clavel, PhD | Singapore
A*STAR Skin Research Labs

P270 Single-cell and Spatial Analysis of Perinatal Mouse Skin: Dynamic Lineage Differentiation of Dermal Fibroblast
Hanjae Lee, MD | Republic of Korea
Genomic Medicine Institute/Department of Dermatology, Seoul National University College of Medicine

P271 Single-Cell Transcriptome Sequencing Reveals the Involvement of Mast Cells in Microinflammation in Miniaturized Hair Follicles of Male Pattern Hair Loss
Yuou Sha, PhD student | China
Huashan Hospital, Fudan University

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Welcome Reception in Exhibit Area	7:15PM-8:45PM
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Juliana Albuquerque Ferro, Director / Marketing

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May Kim, Senior Manager/ Hyunjee Kim, Associate

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Xavier Simpson, Chief of Staff

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Sam Esposito, Product Management Director

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Sean Madanipour, VP Marketing - Aesthetics

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Booth 31

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Folliscope

6F, 142GIL, Seochodaero
Seoul, 06661 SOUTH KOREA

Phone: 82-10-6297-3680 or 82-10-5492-1010
Fax: 82-2-588-8285

Anagenkaia@gmail.com, www.folliscope.com

Kaia Jung, Manager

Booth 2

Folliscope is a PC software with video microscopic camera. Folliscope can measure hair characteristics like Hair Density and Thickness.



Hairmax

1040 Holland Drive
Boca Raton, FL 33487 USA

Phone: 1-561-417-0200

dm@hairmax.com, www.hairmax.com

David Michaels, Managing Director

Booth 32

Hairmax is a medical device manufacturer, pioneering laser phototherapy devices for hair loss and the promotion of growth. Our Laser Combs, Bands & Caps are validated by 7 clinical studies, 6 peer reviewed publications, 8 FDA (510k) clearances and 14 medical device licenses worldwide.



Juva PRP (Cervos Medical)

30 Doherty Ave.
Avon, MA 02322 USA

Phone: 1-508-588-4400

info@cervos.com, www.juvapr.com

Seth Fabricant, Director of Product

Booth 23

Cervos Medical, a leader in autologous biologics, presents Juva PRP: a customizable, single-spin, and gel-free system for the preparation of Platelet-Rich Plasma.



Lumenis

2077 Gateway Place, Suite 300
San Jose, CA 95110 USA

Phone: 1-877-586-3647

erica.sibley@lumenis.com, www.lumenis.com

Erica Sibley, Events Marketing Manager

Booth 4

Lumenis is a global leader in the field of energy-based medical solutions for Aesthetic applications. We are dedicated to improving patient care through innovative, minimally-invasive solutions that generate superior clinical outcomes.



Nutrafol

236 Fifth Avenue, 7th Floor
New York, NY 10001 USA

<https://nutrafol.com/professionals/>

Booth 12

A leading dermatologist-recommended hair growth supplement brand with a science-backed, whole-body approach to hair health. Nutrafol Hair Growth Nutraceuticals are physician-formulated with 100% drug-free ingredients, optimized for different bio-specific needs. A Unilever company.



Pfizer

66 Hudson Boulevard East
New York, NY 10001, USA

Phone: 1-800-879-3477

<https://www.pfizer.com/>

Booth 1

At Pfizer, we apply science and our global resources to bring therapies to people that extend and significantly improve their lives. We strive to set the standard for quality, safety and value in the discovery, development and manufacture of health care products, including innovative medicines and vaccines.



Propaira

84 Hotham St.
Preston, VIC 3072 AUSTRALIA

Phone: +61421482829

bh@propaira.com, www.propaira.com

Mr. Baz Hamo (B Sc Pharmaceutical Science),
Managing Director

Booth 16

Propaira is an Australian Hair & Dermatology R&D company founded in 2010 by Baz Hamo after many years of research in pharmaceutical science and hair. Propaira has an extensive presence in the hair and scalp arena. In particular; combating hair loss, seborrheic dermatitis and scalp sensitivity.



Revian, Inc.

615 Davis Drive, Suite 800
Morrisville, NC 97560 USA

Phone: 1-919-321-1726

twaite@revian.com, www.revian.com

Timothy Waite, Vice President of Sales

Booth 37

Revian is an all-natural hair loss solution, clinically proven to grow more hair. Our patented hair rejuvenation therapy harnesses the power of light to reduce inflammation, increase local blood flow and inhibit DHT production. Revian provides complete scalp coverage including the donor area.



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3805 Old Easton Road, Lab #305
Doylestown, PA 18902 USA

Phone: 1-877-676-8875

hello@wethrivv.com, www.wethrivv.com

www.revivv.co, www.pro.maskad.co

Amy Batra, Co-Founder & President

Booth 36

Hair growth serums and ancillary products. REVIVV® For Her and For Him, REVIVV® Derma Roller, REVIVV® Scalp Massager, Maskād® Professional & At Home Post Procedure face masks, Maskād® Anti-Aging Serum, and Maskād® Hydrating Serum.



Rose Micro Solutions LLC

4105 Seneca Street
Buffalo, New York 14224 USA

Phone: 1-716-608-0009

mark@rosemicrosolutions.com

www.rosemicrosolutions.com

Mark Overhoff

Booth 22

Optical Loupes & amp; LED Lighting Systems.



Shea Moisture

40 Merritt Blvd
Trumbull, CT 06611 USA

Phone: 1-866-478-1925

<https://www.sheamoisture.com/>

Booth 24

A global leader in multicultural beauty products: With our textured hair expertise, we create no-compromise products featuring Fair Trade Shea Butter from West Africa that help every member of the Black community live their healthiest, most beautiful lives. A Unilever company.



Slinph (USA) Technologies Co.

4460 No. 4 Road
Richmond, BC V6Y 1J2 CANADA

Phone: 1-604-306-3166

<http://www.ihelmet.net>

Booth 28

We are mainly engaged in class I and II medical devices and smart laser hair growth equipment. iHelmet laser hair growth series products have obtained FDA, CE, CFDA, and other authoritative certifications at home and abroad.



TrichoLAB

Orzycka 27
Warszawa 02-695 POLAND

Phone: +48 48 386 8 386

Michal.kasprzak@tricholab.com, www.tricholab.com

Michal Kasprzak, Ph.D

Booth 34

TrichoLAB provides cutting-edge technology for hair photo documentation, hair measurements, and diagnosis. The tools allow us to plan the surgery and visualize it for the patient, assess donor capacity, and track the treatment results.



International Society of Hair Restoration Surgery

Katie Masini, Membership Manager
1932 S. Halsted St., Suite 413
Chicago, IL 60608 USA

Phone: 1-630-262-5399

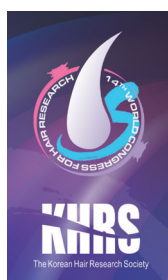
info@ishrs.org
www.ishrs.org

Table D

The International Society of Hair Restoration Surgery (ISHRS) is a global non-profit medical association and the largest organization dedicated to hair restoration surgery, comprised of 1,200 members from more than 70 countries. The ISHRS is dedicated to achieving excellence in patient outcomes by promoting the highest standards of medical practice, medical ethics, and research in the medical hair restoration industry. Member categories include Fellow, Member, Associate Member, Adjunct (researchers), Residents, and Surgical Assistants. Researchers and clinicians are welcome to join!

A large part of the ISHRS's effort is dedicated to ensuring the safety of patients and developing methods to minimize risks to patients while meeting the expectations of patients. The ISHRS has published and maintains FUE Clinical Practice Guidelines, FUT Clinical Practice Guidelines, the Core Curriculum in Hair Restoration Surgery, and the Core Competencies for Hair Restoration Surgeons. The ISHRS provides quarterly research grants to relevant clinical research projects directed toward the subject of hair restoration.

The ISHRS provides continuing medical education to physicians and fosters an environment of open dialogue, sharing, and collegiality. The ISHRS gives the public the latest information on medical and surgical treatments for hair loss. The ISHRS is accredited by the ACCME, is a member of the AMA's House of Delegates, and is a liaison organization member of the Comité Européen de Normalisation (CEN) [European Committee for Standardization] task force 403 "Aesthetic Surgery Services" where it assists with developing standards for hair transplantation among countries within the European Union.



Korean Hair Research Society Hosts of the WCHR2026

Yuna Oh
#303, Seocho Nasan Suite Office
44, Seocho-daero 78-gil, Seocho-gu,
Seoul 06626, SOUTH KOREA

Phone: +82-2-3473-0284

khinfo@gmail.com
https://en.khrs.or.kr/

Table E

As a member society of Korean Dermatological Association, the Korean Hair Research Society was launched as hair research subcommittee in 1999, inaugurated officially in 2004, and has arrived today so far. The Korean Hair Research Society conducts academic activities, research, and education on hair to support hair loss patients. The Korean Hair Research Society has been holding an annual meeting since 2004, and this meeting consists of invited lectures, educational lectures, oral and poster presentations. KHRS has now grown up as one of the key members of the international hair research societies.

The KHRS will be hosting the next World Congress for Hair Research, taking place May 28-31, 2026, in Seoul, Korea. Stop by our table for more information!



National Alopecia Areata Foundation

Lisa Anderson, PhD, Senior Director of Research
65 Mitchell Blvd, 200B
San Rafael, CA 94903 USA

Phone: 1-415-472-3780

info@naaf.org
www.naaf.org

Table A

The National Alopecia Areata Foundation (NAAF) is the voice of the alopecia areata community, serving the nearly 7 million Americans affected by this autoimmune disease, which causes unpredictable, often sudden and severe hair loss. Frequently dismissed as a cosmetic condition, alopecia can be a deeply traumatic experience, resulting in emotional and economic pain and social isolation. It is not just hair. A catalyst for driving research, support, and awareness, NAAF empowers the community with more choices to embrace or live free of alopecia areata. We connect the patient, medical, and scientific communities to drive research and treatment development, raise awareness to reduce stigma, and provide support to improve lives.



Scarring Alopecia Foundation

Jean Pickford, Executive Director
1586 Sumneytown Pike, #1322
Kulpsville, PA 19443 USA

Phone: 1-267-613-9811

info@scarringalopecia.org
www.scarringalopecia.org

Table B

The Scarring Alopecia Foundation (SAF), previously known as the Cicatricial Alopecia Research Foundation (CARF), stands as the sole patient advocacy organization globally dedicated to advancing research, education, and support for individuals affected by this condition. Our work is focused on finding a cure and empowering patients towards leading healthy, fulfilling lives. Established in 2004, SAF has evolved from its origins as a small patient collective to encompassing a network of 7,000 patients and medical experts worldwide. Opportunities are ripe to accelerate research to find the cause and develop new and effective treatments for this permanent inflammatory hair loss disease. Through a multifaceted approach of driving research, education, and support initiatives, SAF works to address the unmet needs of this escalating patient community and offering a beacon of hope for the future.

Skin of Color Society

Kimberly J. Miller, Executive Director
1932 S. Halsted St., Suite 413
Chicago, IL 60608 USA

Phone: 1-630-578-3991

info@skinofcolorsociety.org
https://skinofcolorsociety.org/

Table F

The Skin of Color Society (SOCS) is the world's leading professional dermatologic organization dedicated to achieving health equity and excellence in patient care through research, education, mentorship, and advocacy. By becoming a member of SOCS, you have the unique opportunity to join a community dedicated to this mission. Embrace the chance to contribute to groundbreaking work in dermatology and advocate for health equity alongside the world's leading professionals. Consider joining SOCS and be part of our journey towards a more inclusive and equitable healthcare landscape.

World Trichology Society

Dr. David Kingsley
2518 Burnsed Blvd., Suite 305
The Villages, FL 32163 USA

Phone: 1-718-974-4242

info@worldtrichologysociety.org
https://worldtrichologysociety.org/

Table C

The World Trichology Society is an internationally renowned organization dedicated to educating, supporting, and promoting trichologists worldwide by promoting the science of Trichology, educating future Trichologists to exacting standards, and supporting its members through continuing education opportunities.

It's subsidiary, the World Trichology Academy, offers the only Certified Trichologist program in the world that is licensed by the Florida Department of Education Commission for Independent Education.



WE GRATEFULLY ACKNOWLEDGE
the contributions and support of each of the societies of the
International Federation of Hair Research Societies

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Chinese Hair Research Society

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Vice Chairman: Xingqi Zhang, MD
Secretary: Cheng Zhou, MD

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Society for Hair Science and Research (Japan)

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Korean Hair Research Society

President: Moon Bum Kim, MD, PhD
Vice President: Ohsang Kwon, MD, PhD
Secretary; and Director, International Affairs:
Chang-Hun Huh, MD, PhD

Russian Hair Research Society

President: Andrey Panteleyev, PhD
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IFHRS, Nov. 19, 2022, WCHR2022 Melbourne



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BOOKKEEPER
Sue Reed

RULES AND PROPER ETIQUETTE

The World Congress is an educational activity. Attendees are expected to maintain professional etiquette and extend proper courtesies. Inappropriate behaviors will not be condoned. The meeting should not be used as an opportunity for solicitation of other physicians' staff or other unethical, inappropriate, and distasteful activities. It may seem obvious, but it is inappropriate and rude to make negative or soliciting comments to the live patients in the various sessions. Negative or disparaging comments about a patient's condition or surgical results to the patient are offensive, psychologically hurtful, and violate our ethical commitment to "do no harm." Patients who agree to participate, as well as the doctors who bring them, deserve our respect and support for their willingness to subject their results to scrutiny and contribute to our learning experience.

Soliciting business in virtual or physical meeting rooms or spaces is prohibited. Only registered exhibitors, in the Exhibit Hall, may solicit business. There will be no distribution of handouts, flyers, or promotional items other than the official Abstract Book, or other than exhibitor items in the exhibit hall. Any handout or flyer intended for the handout table by the registration desk must be pre-approved by the AHRS Executive Director. Any unapproved handouts will be removed and discarded. Inappropriate postings in the virtual platform, Congress app, or other meeting spaces or message boards will be removed and discarded.

The timing of any private ancillary meeting must be approved by the AHRS.

It is vital for the doctors to discuss their complications and show patient photos. Public disclosure of a specific doctor's complications or patients is prohibited. There are ongoing debates in any field of evolving science, and disagreement between professionals is expected. However, inflammatory or inappropriate criticism of any specific lecture that has been made in good faith and according to the ethical standards of our discipline is prohibited.

The purpose of these guidelines is not to suppress free speech or to conceal items from the public; rather, it is to encourage a free exchange among doctors without worries that anything said or done will be used against them by a competitor. All doctors have complications at various times, but it takes a special form of integrity to discuss them before a large group of colleagues. By the same token, we understand that most of the non-medical promotional professionals in our field provide a helpful public service while pursuing their business interests. We hope this communication between us will be on a high professional level that will benefit both the field and the patients.

DISCLAIMER

Registrants understand that the material presented at the World Congress has been made available under sponsorship of the American Hair Research Society (AHRS) for educational purposes only. This material is not intended to represent the only, nor necessarily the best, method or procedure appropriate for the medical and scientific situations discussed, but rather is intended to present an approach, view, statement or opinion of the faculty which may be of interest to others. As an educational organization, the AHRS does not specifically approve, promote or accept the opinions, ideas, procedures, medications or devices presented in any paper, poster, discussion, forum or panel at the World Congress. Registrants waive any claim against AHRS arising out of information presented in this Congress.

Registrants understand and acknowledge that volunteer patients have been asked to participate in the World Congress sessions for educational and training purposes. Registrants shall keep confidential the identity of, and any information received during the World Congress regarding, such volunteer patients.

Registrants further understand and agree that they cannot reproduce in any manner, including, without limitation, photographs, audiotapes and videotapes of the World Congress sessions. All property rights in the material presented, including common law copyright, are expressly reserved to the presenter or to the AHRS. The sessions may be audio, videotaped, or photographed by the AHRS.

By attending this program, in no way does it suggest that participants are trained and/or certified in the discipline of hair restoration surgery. All speakers, topics, and schedules are subject to change without prior notification and will not be considered reasons for refund requests.

Registrants agree to abide by all policies and procedures of the ISHRS. Registrants waive any claim against ISHRS for injury or other damage resulting in any way from course participation.

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(Shannon et al., 2015)

63%

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(McHale, 2004)

95%

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IFHRS

International Federation
of Hair Research Societies

World Congress for Hair Research Open Slot 2030

Anyone interested in finding out more should meet with members of the Open Bid Task Force during the WCHR2024 Dallas at the following session/table:

2030 OPEN BID Q&A

Tuesday, April 9, 2024 | 1:30-3:00PM

SESSION 32

Closing Ceremony & Lunch

International Ballroom, Fairmont
Dallas, at the WCHR2024

**Meet us at the table marked
2030 OPEN BID Q&A**

**We are delighted to announce
the launch of the 2030 Open Slot bidding process.**

This is a new initiative, recently introduced into the calendar of the World Congress for Hair Research. In this unique instance, a bid to host the Open Slot need not come from an existing IFHRS member society. However, the bid must come from a bid team with a genuine interest in promoting Hair Research with the strengths, confidence, and capabilities to organize and host this event and the team must outline compelling reasons for their choice of location/timing which make the event unique in the cycle of hair research congresses.

WCHR2022
Host: AHWS
Melbourne, Australia

WCHR2024
Host: AHR
Dallas, TX, USA

WCHR2026
Host: KHR
Seoul, Korea

WCHR2028
Host: EHR
Europe

WCHR2030
Host: TBD
Open Slot



DENVER2024

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SAVE THE DATE

TUESDAY 15	WEDNESDAY 16	THURSDAY 17	FRIDAY 18	SATURDAY 19
Live Surgery Workshop	Pre-Courses	ISHRS World Congress		

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Understanding JAK Selectivity and Critical Appraisal of Trials in Severe AA: Application to Clinical Decision-Making

SUNDAY, APRIL 7, 2024 | 12:45 – 1:45 PM CDT | IN-PERSON 

International Ballroom, The Fairmont Dallas Hotel

OVERVIEW

Alopecia areata (AA) can be physically and psychologically devastating to patients. Janus kinase (JAK) inhibitors are transforming the treatment of AA. Emerging Phase 3 data from clinical trials of JAK inhibitors in AA shows improved patient outcomes. This activity will critically review the data and how it can be leveraged in clinical decision-making for patients with severe AA.

AGENDA

- **Welcome and introductions**
Brett King, MD, PhD
- **What is the rationale for the approved JAK inhibitors in alopecia areata?**
Faculty
- **A critical review of data for the approved JAK inhibitors in alopecia areata**
Faculty
- **Q&A**
- **Closing remarks**
Brittany Craiglow, MD

FACULTY



Brett King, MD, PhD
Associate Professor of Dermatology
Yale School of Medicine
New Haven, Connecticut, USA



Brittany Craiglow, MD
Associate Adjunct Professor
Yale School of Medicine
New Haven, Connecticut, USA



KHRS
The Korean Hair Research Society

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



WCHR 2026 in Korea

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Meet and connect with representatives and professionals in the industry.

Share your studies and experiences with new colleagues and friends.

Listen to the lectures from other experts and get new ideas.

WCHR 2026 is full of new opportunities.

It is the second WCHR happening in Korea, so we know how it goes.

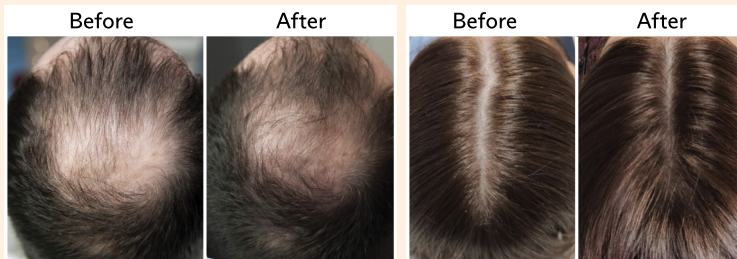
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