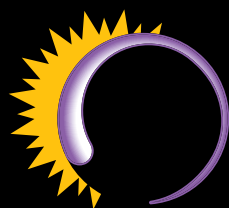
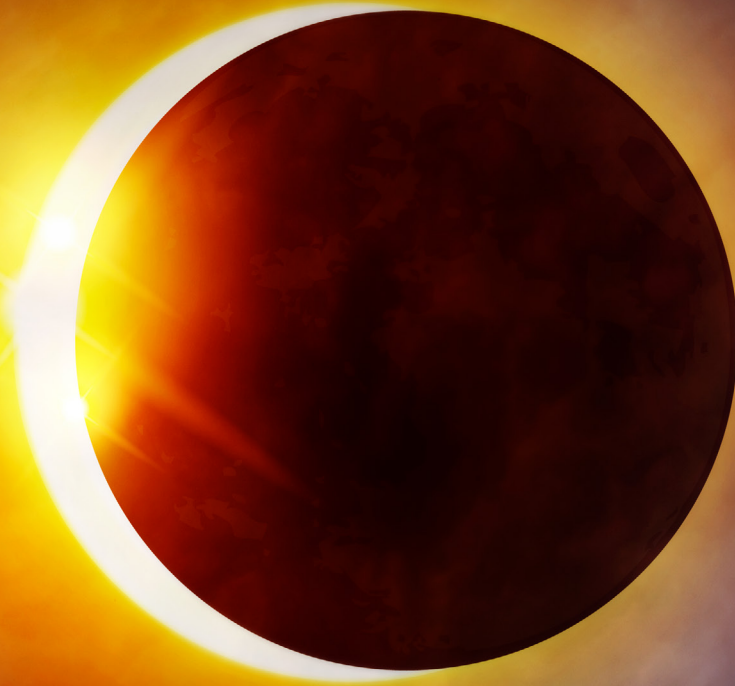


# FINAL PROGRAM GUIDE

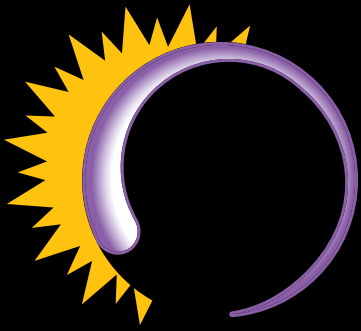


## 13<sup>TH</sup> WORLD CONGRESS FOR HAIR RESEARCH

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

[hair2024.org](http://hair2024.org)

#WCHR2024



# WCHR2024

13TH WORLD CONGRESS  
FOR HAIR RESEARCH

Be Enlightened by the Total Eclipse of Hair Science

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hair2024.org

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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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Neil Sadick, MD, Co-Chair  
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Jeffrey Donovan, MD, PhD  
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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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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**



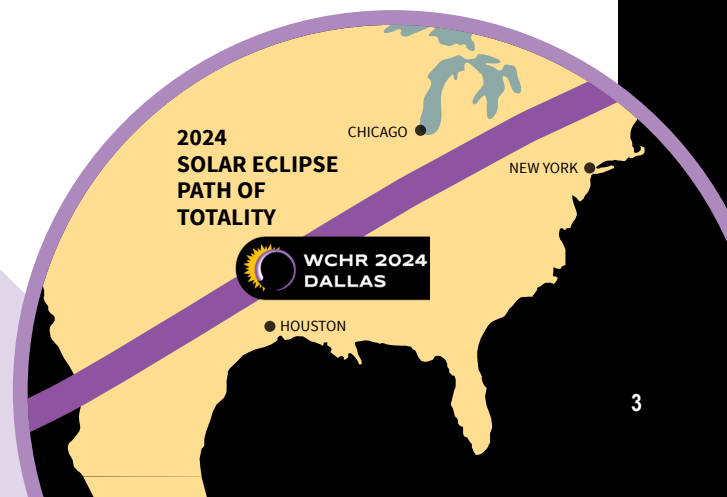
**GOLD LEVEL**



**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](mailto: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.

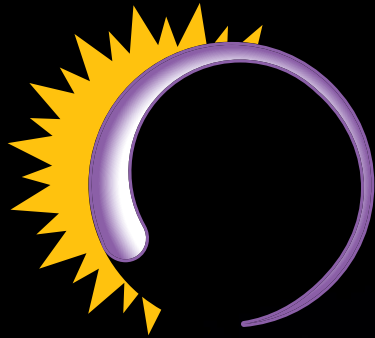
**To submit your question:**

- 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".



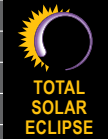
# 13TH WORLD CONGRESS FOR HAIR RESEARCH

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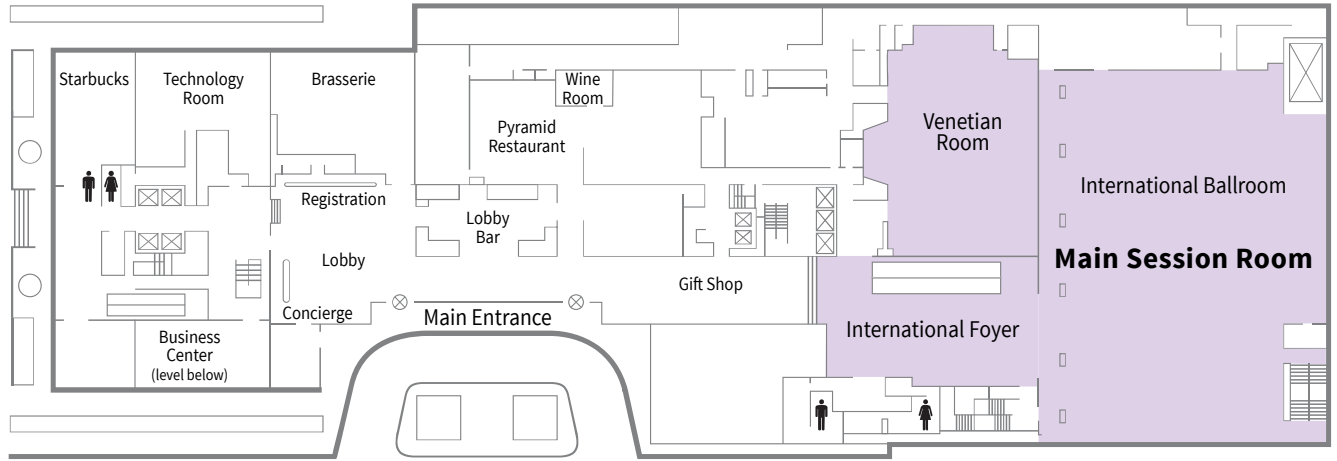
## PROGRAM AT-A-GLANCE

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	<b>PRE-CONGRESS WORKSHOP 101</b> Basics of Mouse Hair Follicle Biology	<b>PRE-CONGRESS WORKSHOP 102</b> Management of Hair Patients: Clinical Pearls and Practical Approaches	<b>PRE-CONGRESS SYMP 103</b> Translational Research	Exhibit Hall and Poster Set Up	
1:30PM					
2:00PM					
2:30PM					
3:00PM	<b>PRE-CONGRESS WORKSHOP 104</b> The Who, What, Where and Why of Trichology				
3:30PM					
4:00PM					
4:30PM				Exhibits and Posters	
5:00PM			<b>SESSION 1</b> Opening Ceremony and Plenary Session		
5:30PM					
6:00PM					
6:30PM			<b>SESSION 2</b> Keynote Lecture		
7:00PM					
7:30PM				<b>WELCOME RECEPTION</b> EXHIBIT HALL 7:15-8:45PM	
8:00PM					

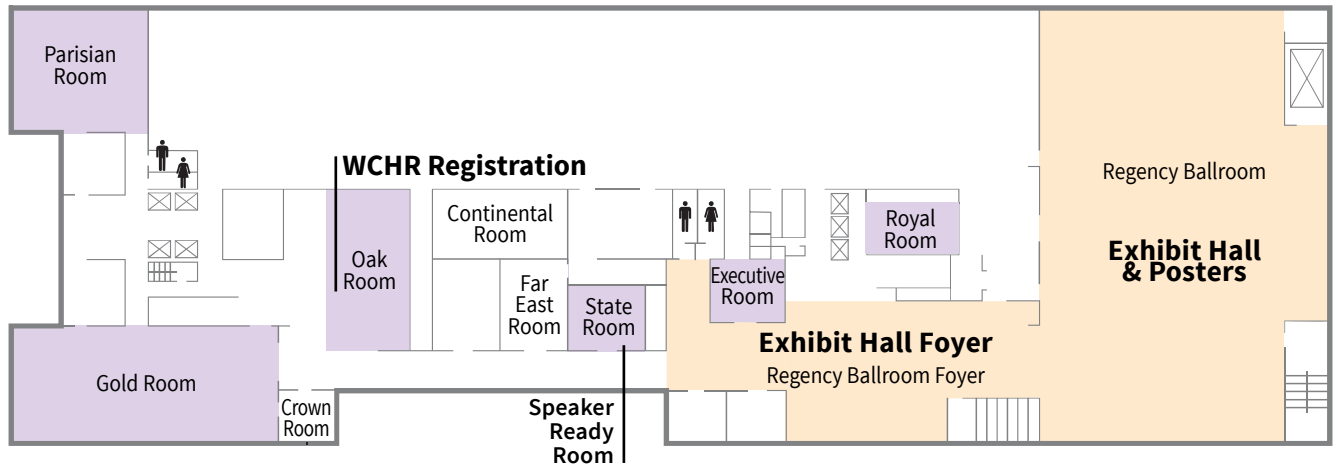
SUNDAY • APRIL 7				MONDAY • APRIL 8				TUESDAY • APRIL 9				
INTERNATIONAL BALLROOM	VENETIAN ROOM	GOLD ROOM	REGENCY BALLROOM & FOYER	POOL TERRACE & PAVILION ROOM	INTERNATIONAL BALLROOM	VENETIAN ROOM	GOLD ROOM	REGENCY BALLROOM & FOYER	INTERNATIONAL BALLROOM	VENETIAN ROOM	GOLD ROOM	
6:30AM											6:30AM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

**LOBBY LEVEL | Ground Floor**

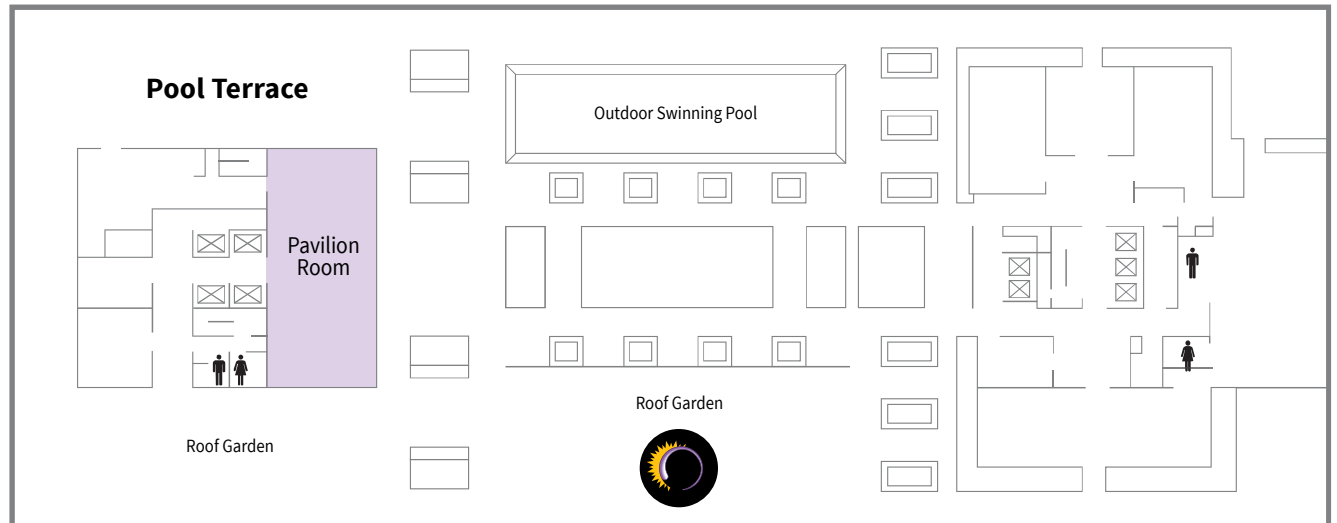
- ELEVATOR KEY**
- L** Ground floor | Lobby Level
  - B** 2nd Floor | Banquet Level
  - T** 3rd Floor | Terrace Level



**BANQUET LEVEL | Second Floor**



**TERRACE LEVEL | Third Floor**





## SATURDAY • APRIL 6

10:00AM-7:00PM	<b>Speaker Ready Room</b>   State Room
10:00AM-7:15PM	<b>Registration</b>   Oak Room
11:00AM-12:30PM	<b>AHRS BOD Meeting</b>   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
<b>1:00PM-2:30PM</b>	<b>PRE-CONGRESS WORKSHOP 101</b> <b>Basics of Mouse Hair Follicle Biology:</b> <b>Come and Learn from the Experts!</b> 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	<b>Introduction: Principles and Hair Follicle Cycling</b> Ralf Paus, MD   USA   <i>University of Miami Miller School of Medicine</i>
1:15PM-1:20PM 5	<b>Discussion</b>
1:20PM-1:35PM 15	<b>Hair Follicle Development</b> Carlos Clavel, PhD   Singapore   <i>A*STAR Skin Research Labs</i>
1:35PM-1:40PM 5	<b>Discussion</b>
1:40PM-1:55PM 15	<b>Interrogating Hair Follicle Stem Cells</b> Mayumi Ito, PhD   USA   <i>New York University</i>
1:55PM-2:00PM 5	<b>Discussion</b>
2:00PM-2:15PM 15	<b>Instructive Use of Mouse Mutants in Murine Hair Biology Research</b> David Enshell-Seijffers, PhD   <i>Israel Bar-Ilan University</i>
2:15PM-2:20PM 5	<b>Discussion</b>
2:20PM-2:30PM 10	<b>Questions &amp; Answers</b>



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

**Trichoscopy and Hair Follicle Imaging**  
Antonella Tosti, MD | USA | *University of Miami Miller School of Medicine*

10

2:30PM-2:40PM

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

10

2:40PM-2:50PM

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

10

2:50PM-3:00PM

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

10

3:00PM-3:10PM

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

10

3:10PM-3:20PM

**PRP and Exosomes**  
Maria Hordinsky, MD | USA | *University of Minnesota*  
Neil Sadick, MD | USA | *Weill Cornell Medicine*

10

3:20PM-3:30PM

**Questions & Answers**

10

3:30PM-3:50PM

**Coffee Break**

20

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

**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

10

4:00PM-4:10PM

**Making the Most of Telemedicine**  
Gorana Kuka Epstein, MD | Serbia | *Hair Center Serbia*

10

4:10PM-4:20PM

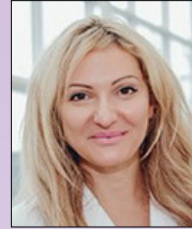
**Artificial Intelligence: Pros, Cons and What to Expect**  
Ronda Farah, MD | USA | *University of Minnesota*  
Discuss the current devices using AI, skin printing, dermoscopy and trichoscopy.

10

4:20PM-4:30PM

**Questions & Answers and Final Wrap-Up**  
Crystal Aguh, MD | USA | *Johns Hopkins School of Medicine*

10



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

**Welcome & Introductions**

2

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*

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

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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*

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

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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*

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

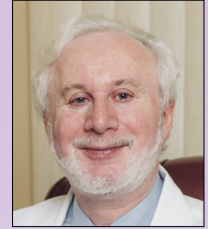
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4:25PM  
5 **Concluding Remarks**  
Gill Westgate, PhD | United Kingdom | *University of Bradford*

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G. Westgate



D. Kingsley



K. Jenkins



C. Porter



A. Tosti



A. Christiano



W. Bergfeld



R. Sinclair



W. Wu



C. Higgins



M. Ohyama



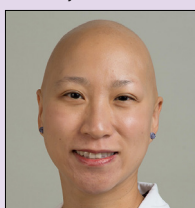
O. Kwon



A. Penteleyev



Y. Ovcharenko



C. Goh



Y. Ramot



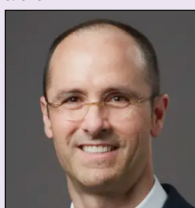
M. Bertolini



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 **Welcome**

2

5:02PM **Greetings from the IFHRS Societies**

10

5:12PM **Remarks from Lilly**

3

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

5:15PM **Remarks from Pfizer**

3

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

5:18PM **Remarks from Sun Pharma**

3

5:25PM **001 Introduction**

2

CHAIR

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

CO-CHAIRS

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

5:27PM **002 Single-cell Sequencing Combined with Spatial Transcriptomics Describes the Follicular and Peri-follicular Tissue Structure and Molecular Biology Features of Scarring Alopecia**

10 min + 2 min QA

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

5:39PM **003 Composition, Distribution, Abundance, Viability, and Functional Effects of the Human Hair Follicle Microbiome**

10 min + 2 min QA

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

5:51PM **004 The Common Fragrance, Linalool, Promotes Core Pathology Events Associated with Frontal Fibrosing Alopecia in Human Scalp Hair Follicles Ex Vivo**

10 min + 2 min QA

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

6:03PM **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**

10 min + 2 min QA

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

6:15PM **006 Understanding Hair Loss Caused by Hedgehog Inhibitors in BCC and BCNS Syndrome Patients**

10 min + 2 min QA

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

6:27PM **007 Closing Remarks**

3

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*



L. Garza



S. Eisman

6:35PM **008 Welcome and Introduction**

2

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*

**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. Khostrotehrani



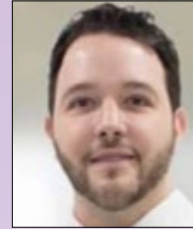
N. Tissot

## SUNDAY • APRIL 7

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



<b>10:00AM-10:30AM</b>	<b>SESSION 4</b> <b>Keynote Lecture</b> International Ballroom
	CHAIR Daniel Asz-Sigall, MD   Mexico   <i>Dr. Manuel Gea González General Hospital</i> CO-CHAIR Rachita Dhurat, MD   India   <i>LTMMC and LTMG Hospital</i>
<b>10:00AM</b>	<b>015 Welcome &amp; Introduction</b> 2 Daniel Asz-Sigall, MD   Mexico   <i>Dr. Manuel Gea González General Hospital</i>
<b>10:02AM</b>	<b>016 Chemotherapy Induced Hair Loss</b> 25 Mario E. Lacouture, MD   USA   <i>NYU Grossman Long Island School of Medicine</i>
<b>10:27AM</b>	<b>Q&amp;A</b> 3
<b>10:30AM-11:00AM</b>	<b>Coffee Break</b>   Regency Ballroom and Foyer



D. Asz-Sigall



R. Dhurat

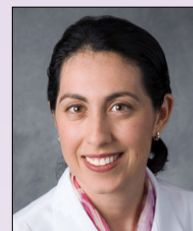
**KEYNOTE**

**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.



<b>10:30AM-11:30AM</b>	<b>Live Patient Viewing</b> 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   <i>University of California, San Francisco</i> CO-CHAIR Katherine Ayoade, MD, PhD   USA   <i>The University of Texas Southwestern Medical Center</i>



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*

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11:00AM **024 Welcome & Introductions**

5

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

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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*

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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 Hospita*

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11:35AM **027 Mesenchymal Niche Formation by Two Intersecting Morphogen Gradients**

17 min + 3 min QA

Peggy Myung, MD, PhD | USA | *Yale University*

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11:55AM **028 HIF1a- 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*

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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*

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12:25PM **030 Closing Remarks**

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

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S. Millar



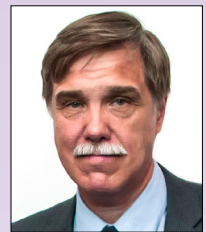
D. Enshell-Seijffers



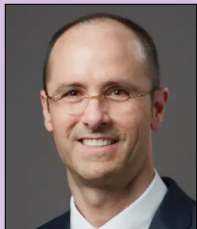
W. Lian



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**

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



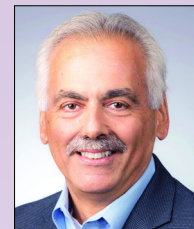
J. Shapiro



K. McElwee



M. Bertolini



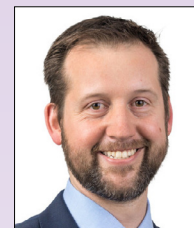
J. Cassella



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 Tele dermatology 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

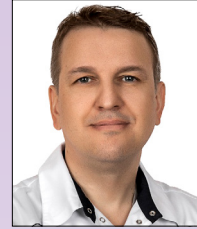
3:30PM-4:00PM **EHRS BOD Meeting** | Far East Room *Invitation Only*



P. Mirmirani



K. Ayoade



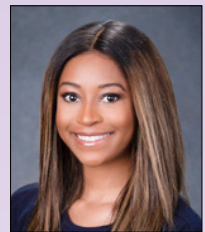
A. Doroshkevich



M. Harries



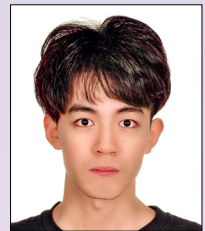
M. Hordinsky



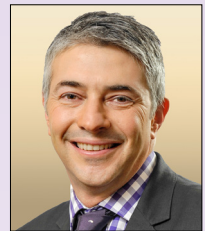
C. Ogbutor



R. Panchaprateep



G. Shao



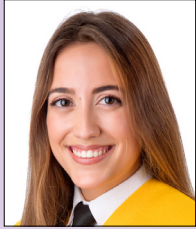
R. Sinclair



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 Vertix 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 Dermatovenerology 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 Zaouak, 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



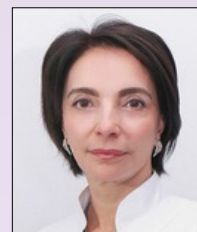
X. Chen



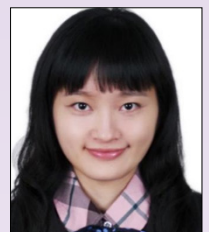
C. Cui



A. Fonseca



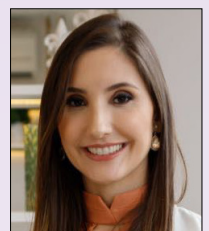
A. Gadzhigoreeva



R. Hu



I. Obeime



D. Westphal



A. Zaouak



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

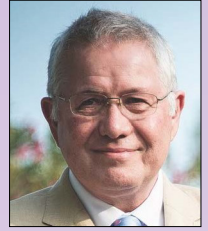
Valerie Callender, MD | USA | *Callender Dermatology & Cosmetic Center*

CO-CHAIR

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



V. Callender



A. Messenger



M. Rendl



C. Clavel

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*

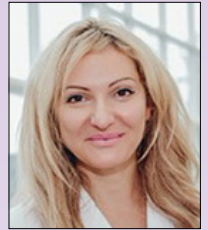
Natasha Mesinkovska, MD, PhD | USA | *University of California, Irvine*

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

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



M. Bertolini



N. Mesinkovska



R. Paus



E. Wang



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**

**L'ORÉAL**  
 RESEARCH  
 & INNOVATION

Sponsored by L'Oreal

International Ballroom • *Ticket required*

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*

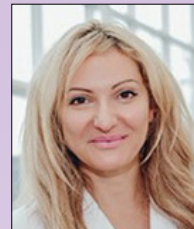
8:20AM **085 Short Anagen Hair Syndrome: Association with Mono- and Biallelic Variants in WNT10A and a Genetic Overlap with Male Pattern Hair Loss**  
10 min + 2 min QA Nicole Cesarato, Msc | Germany | *Institute of Human Genetics, University of Bonn*

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*



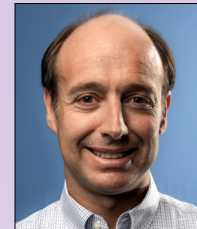
N. Mesinkovska



W. Wu



N. Cesarato



C. Clavel



A. Ho



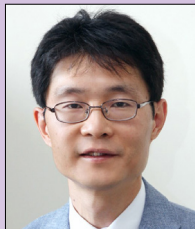
T. Iwasaki



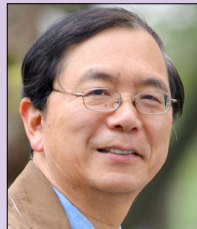
Y. Shwarz



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*

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

5

Elise Olsen, MD | USA | *Duke University*

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

17 min + 3 min QA

Elise Olsen, MD | USA | *Duke University*

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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*

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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*

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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*

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

17 min + 3 min QA

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

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12:25PM **098 Closing Remarks**

5

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

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E. Olsen



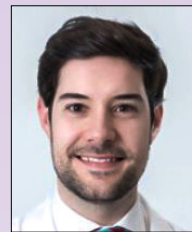
S. Vano Galvan



J. Depina



C. Ogbutor



D. Saceda



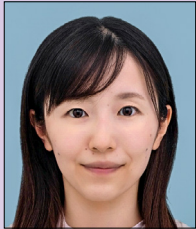
M. Senna



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

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

CO-CHAIR

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

11:00AM **106 Welcome & Introductions**

5

María 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

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

12:25PM **112 Closing Remarks**

5

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

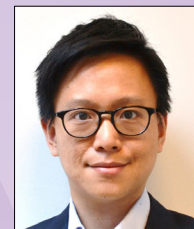
12:30PM-2:15PM

**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**





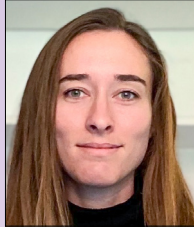
N. Sadick



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*

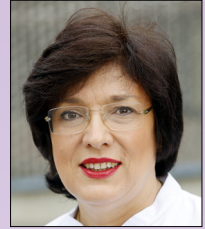
3:40PM **127 Closing Remarks**

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



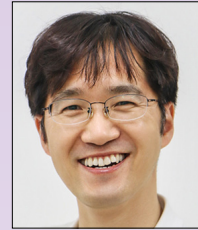
S. Lin



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. Lekhavat



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 Lekhavat, 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, MPHTM | Australia | *The University of Melbourne*

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

**17 min + 3 min QA** Chinmanat Lekhavat, 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 Lekhavat, 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	ATTIRE	This year's congress diner 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.
TIME	7:00PM-10:00PM	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
COST	\$150 USD		



**TUESDAY • APRIL 9**

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

- |   |   |
|---|---|
| <p><b>1 Alopecia Areata</b><br/>Carolyn Goh, MD   USA<br/>Melissa Piliang, MD   USA</p> <p><b>2 Cicatricial Alopecia</b><br/>Elise Olsen, MD   USA<br/>Sergio Vano Galvan, MD, PhD   Spain</p> <p><b>3 Central Centrifugal Cicatricial Alopecia</b><br/>Crystal Aguh, MD   USA<br/>Ncoza Dlova, MD   South Africa</p> <p><b>4 Androgenetic Alopecia in Males</b><br/>Maryanne Senna, MD   USA</p> <p><b>5 Female Androgenetic Alopecia</b><br/>Wilma Bergfeld, MD   USA<br/>Natasha Mesenkovska, MD, PhD   USA</p> <p><b>6 Low Level Laser Therapy</b><br/>Maria Hordinsky, MD   USA<br/>Sung-Jan (Jerry) Lin, MD, PhD   Taiwan</p> <p><b>7 Natural Products</b><br/>Neil Sadick, MD   USA<br/>Cassandra Quave, PhD   USA</p> <p><b>8 Hair Care and Aesthetics</b><br/>Suleima Arruda, MD   USA<br/>Maria Fernanda Gavazonni, MD   Brazil</p> <p><b>9 Hair Pathology</b><br/>Charlotte LaSenna, MD   USA<br/>Curtis Thompson, MD   USA</p> <p><b>10 Trichology</b><br/>David Kingsley, PhD   USA<br/>Gillian Westgate, PhD   United Kingdom</p> <p><b>11 Hair Cycle</b><br/>Ryan Driskell, PhD   USA<br/>Andrey Panteleyev, PhD   Russia</p> <p><b>12 Hair Follicle Stem Cells</b><br/>George Cotsarelis MD   USA<br/>Sarah Millar, PhD   USA</p> <p><b>13 Dermal Papilla and Dermal Sheath</b><br/>Colin Jahoda, PhD   United Kingdom<br/>Manabu Oyhama, MD, PhD   Japan</p> | <p><b>14 Hair Graying</b><br/>Mayumi Ito, PhD   USA</p> <p><b>15 Textured Hair Care Practices</b><br/>Katherine Ayoade, MD, PhD   USA<br/>Yolanda Lenzy, MD   USA</p> <p><b>16 Mouse models of Hair Follicle Biology</b><br/>Helen Everts, PhD   USA<br/>Tongyou Wikramanayake, PhD   USA</p> <p><b>17 Single Cell Analysis of the Hair Follicle</b><br/>Carlos Clavel, PhD   Singapore<br/>Michael Rendl, PhD   USA</p> <p><b>18 3D Models of Skin and Hair Follicle</b><br/>Claire Higgins, PhD   United Kingdom<br/>Mingxing Lei, PhD   China</p> <p><b>19 Trichoscopy</b><br/>Isabella Doche, MD, PhD   Brazil</p> <p><b>20 JAK inhibitors and Hair Loss Disorders</b><br/>Brett King, MD, PhD   USA<br/>Rodney Sinclair, MD   Australia</p> <p><b>21 Clinical Trials in Hair Disorders</b><br/>Nino Lortkipanidze, MD, PhD   Georgia<br/>Janet Roberts, MD   USA</p> <p><b>22 Androgen Biology in the Hair Follicle</b><br/>Cheng Ming Chuong, MD, PhD   USA<br/>Julie Thornton, PhD   United Kingdom</p> <p><b>23 New Outcome Measures for Clinical Research</b><br/>Arash Mostaghimi, MD, MPA, MPH   USA<br/>Dmitri Wall, MD   Ireland</p> <p><b>24 Genetic Hair Disorders</b><br/>Regina Betz, MD   Germany<br/>Yuval Ramot, MD, MSc   Israel</p> |
|---|---|





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



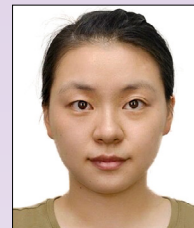
M. Piliang



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**

10

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

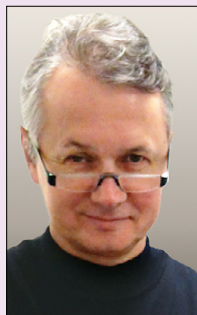
**KEYNOTE LECTURE**

**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*

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11:00AM **165 Welcome & Introductions**

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

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11:05AM **166 Classification of Diverse Hair Types**

12 min + 3 min QA Ncoza Dlova, MD | South Africa | *University of KwaZulu-Natal*

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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*

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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*

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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*

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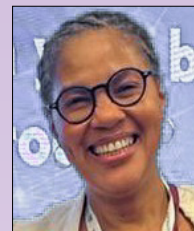
11:55AM **170 Closing Remarks**

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

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A. McMichael



N. Dlova



C. Aguh



M. Gaines



K. Workman



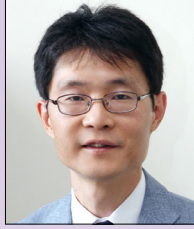
B. Craiglow



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*

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

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

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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*

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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*

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

12 min + 3 min QA

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

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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*

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11:55AM **182 Closing Remarks**

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

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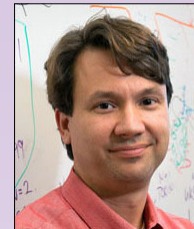
G. Cotsarelis



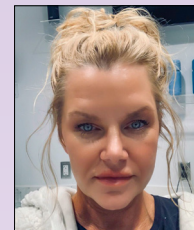
L. Garza



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 Dermatotrighological 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-Meijicoccene**

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 Ohshima, 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



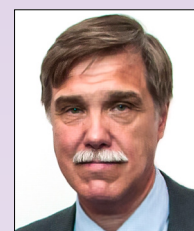
C. Higgins



M. Ohshima



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-Universitaetsmedizin*

### 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, FACD | 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 Abdin, 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: Estretol 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 Tvidiani 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 Mariotto 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  $\beta$ 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 Prosthesis 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, MPH | 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 Trichogenetic 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 Theirs 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 Protfollicle 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 Verticis 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**Ivive Obeime, DO | USA  
*Wake Forest School of Medicine***P162 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***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****P164 Deuruxolitinib Is Generally Well Tolerated in Patients with Moderate to Severe Alopecia Areata: Safety Results from the Multinational, Double-blind, Placebo-controlled THRIVE-AA2 Phase 3 Trial**Ulrike Blume-Peytavi, MD, PhD | Germany  
*Charité-Universitaetsmedizin***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  
*Lahey Hospital & Medical Center***P169 Treatment of Elderly Serpiginous Alopecia Areata with Baricitinib, A Case Report**Lingdi Dong, PhD | China  
*General Hospital of Ningxia Medical University***P170 Treatment of Extensive Alopecia Areata in Young Pediatric Patients with a JAK Inhibitor**Ana Lucia Junqueira, MD | Brazil  
*Clínica Ana Carina Junqueira***P171 Effectiveness and Safety of Tofacitinib in Patients with Extensive and Recalcitrant Alopecia Areata**Chinmanat Lekhvat, MD | Thailand  
*Institute of Dermatology*

**P172 Real-world Experience of Efficacy and Safety of Baricitinib in Korean Patients with Severe Alopecia Areata: A New Powerful Armamentarium for the Treatment of the Most Severe Forms of Alopecia Areata**

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

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

Mao Lin, MD, PhD | China  
West China Hospital, Sichuan University

**P174 The Evaluation of JAK Inhibitors on Effect and Safety in Alopecia Areata: A Systematic Review and Meta-analysis of 2018 Patients**

Mei-qi Mao, MD | China  
Department of Dermatology, Second Affiliated Hospital,  
School of Medicine, Zhejiang University

**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  
Brigham and Women's Hospital

**P176 Discontinuation and Restart of JAKis During and After Pregnancy: A Case Series**

Chino Ogbutor, BA | USA  
Lahey Hospital & Medical Center

**P177 Patient Satisfaction and Impressions of Severity of Moderate to Severe Alopecia Areata Are Improved by Deuruxolitinib: Outcomes from the Multinational, Placebo-controlled THRIVE-AA2 Phase 3 Trial**

Thierry Passeron, MD, PhD | France  
Côte d'Azur University, University Hospital of Nice

**P178 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)**

Melissa Piliang, MD | USA  
Cleveland Clinic

**P179 Safety and Efficacy of the Sequential Treatment for LPP and Its Variant with Small Molecule Anti-inflammatory Compounds: Histopathology and Dermoscopic Observation of a Small Samples**

Guanghui Shao, 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

**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**

Liza Takiya, PharmD | USA  
Pfizer Inc.

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

Yan Tang, MD, PhD | China  
Xiangya Hospital, Central South University

**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  
Fachklinik Bad Bentheim

**P183 Treatment of Severe Alopecia Areata in Children with Baricitinib in China : A Retrospective Review of 31 Patients**

Xue Wang, PhD | China  
Beijing Children Hospital

**Male Pattern Hair Loss**

**P184 Low Dose Oral Minoxidil Side Effects for Androgenetic Alopecia Treatment: A Retrospective Study**

Leila Bloch, MD, PhD | Brazil  
Clinica Bloch

**P185 Self Evaluation Questionnaire of the Botulin Toxin Efficacy in the Androgenetic Alopecia Treatment**

Débora Cadore de Farias, MD | Brazil  
UFSC

**P186 A Cross-sectional Study of Hair Parameters in Occipital Region of Male Pattern Hair Loss in China**

Yeqin Dai, MD | China  
Hangzhou Third People's Hospital

**P187 Progenitor Cell Depletion Driven by Aberrant Dermal Sheath Contraction Induces Premature Hair Follicle Regression in Androgenetic Alopecia**

Zhili Deng, PhD | China  
Xiangya Hospital Central South University

**P188 Minoxidil Exerts Skin Rejuvenation Effects in Human Androgenetic Alopecia Xenotransplants in Vivo**

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

**P189 Refining Diagnostic Thresholds Through Quantitative Assessment of Hair Diameter Diversity in Androgenetic Alopecia**

Doyoung Kim, MD, PhD | Republic of Korea  
Yonsei University College of Medicine

**P190 The Prediction System for Hair Loss Treatment Increased the Treatment Adoption Rate in Patients with Androgenetic Alopecia**

Taro Koyama, MD | Japan  
Dclinic

**P191 Clinical and Metabolic Characteristics of Male Patients with Early-onset Androgenetic Alopecia: A Possible Predisposition to Metabolic Syndrome**

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

**P192 PEDF as a Potential Bio-marker for the Clinical Evaluation of Male Early-onset Androgenetic Alopecia in China**

JINRAN LIN, MD, PhD | China  
Huashan Hospital Fudan University

**P193 The 100 Most Cited Androgenetic Alopecia Articles: An Analysis of Altmetrics Data from 2015 to 2022**

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

**P194 TRPML Mediated Autophagy Participates in Hair Regeneration in Androgenetic Alopecia**

Xiuzu Song, PhD | China  
Dermatology Department Hair Research Center

**P195 Noncontact Phased-array Ultrasound Promotes Hair Regrowth**

Hiroya Takada, PhD on Med and Eng | Japan  
Nippon Medical School

**P196 Efficacy of Asymmetric siRNA Targeting Androgen Receptor for the Treatment of Androgenetic Alopecia**

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

**P197 Proteomics Analysis of Different Pattern Type of Androgenetic Alopecia in Male Patients**

Wenyu Wu, MD | China  
Huashan Hospital, Fudan University

**Natural Products and Botanical Compounds for Treatment of Hair Disorders**

**P198 Hair Growth Promoting Potential of Botryococcus Terribilis and Its Novel Compound Methylated-Meijicoccene**

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

**P199 Effects of Bacopa Extract on Hair Growth and Future Prospects**

Masako Morishita, Pharmacist | Japan  
Angfa Co., Ltd

**P200 Holistic Approach to Oxidative Stress Reduction for Scalp and Hair Follicle Protection**

Alison Pawlus, PhD | USA  
Aveda

**Other - Hair Research**

**P201 Low-Dose Oral Minoxidil Initiation and Monitoring (LOMI) for Hair Loss: A Modified Delphi Consensus of Experts**

Yagiz Akiska, BSE | USA  
Department of Dermatology,  
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  
Monasterium Laboratory Skin and Hair Research Solutions GmbH

**P203 Hair Cortisol Concentration in Relation to Stress**

María Bovcon, MSc | Argentina  
AATRI - Asociación Argentina de Tricología

**P204 Assessing Outcomes of Alopecia Patients with Preexisting Blood Pressure Conditions on Low-Dose Oral Minoxidil**

Deesha Desai, BS | USA  
New York University Grossman School of Medicine

**P205 Composition, Distribution, Abundance, Viability, and Functional Effects of the Human Hair Follicle Microbiome**

Janin Edelkamp | Germany  
Monasterium Laboratory Skin and Hair Research Solutions GmbH

**P206 Androgenetic Alopecia (AGA) Treatment Evidence Varies Widely in Meta-Analyses: A Call for Consensus in AGA Clinical Research Methods**

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

**P207 Hydroxychloroquine-induced Generalized Pustular Figurate Erythema in a Patient with Lichen Planopilaris**

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

**P208 Revisiting the JAMA Benchmark Criteria in the Age of AI: Alopecia Text-Based Material**

Eran Gwillim, MD | USA  
Jackson Health System/University of Miami Miller School of Medicine

**P209 The Characteristics of Post-COVID-19 or COVID-19 Vaccination with Hair Loss in Korea**

Sang-Seok Kim, MD, PhD | Republic of Korea  
Hallym University, Kangdong Sacred Heart Hospital

**P210 Decoding the Hair Ecosystem: A Survey Conducted Worldwide in More Than 12000 Subjects**

Stephanie Leclerc-Mercier | France  
Vichy Laboratoires

**P211 A Long Journey to a Safe, Affordable and Effective Injectable Treatment for Alopecia Areata**

Kevin McElwee, PhD | United Kingdom  
University of British Columbia

**P212 Seasonal Hair Loss in Northern and Southern Hemispheres: Insights from Google Trends Data**

Kevin McElwee, PhD | United Kingdom  
University of British Columbia

**P213 HIF1a- and ARNT-related Cell State Transitions and Fate Divergence During the Human Hair Follicle Cycle**

Andrey Panteleyev, PhD | Russia  
NRC Kurchatov institute

**P214 Covid-induced Hair Loss: Incidence of Telogen Effluvium Pre and Post Covid-19**

Kevin Puerta Durango, BS, BA | USA  
Geisel School of Medicine at Dartmouth College; Department of Dermatology, Perelman School of Medicine, University of Pennsylvania

**P215 Cord Lining Mesenchymal Stem Cell Exosomal Proteins and Their Effects on Hair Follicles**

Neil Sadick, MD | USA  
Sadick Dermatology

**P216 Hair Loss Care - Enabling Informed Decisions as Fast-Food Medicine Soars**

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

**P217 Efficacy of Platelet-rich Plasma Treatment for Androgenic Alopecia Is Affected by Plasma Growth Factors**

Hsiao Han Tuan, MD | China  
Department of Dermatology, Beijing Tsinghua Changgung Hospital, School of Clinical Medicine, Tsinghua University, Beijing, China

**P218 Chemotherapy-Associated Cyclic Alopecia Areata: Case Report**

Nora Ugalde Trejo, Dermatology Resident | Mexico  
Clinica Hospital Constitucion, Instituto de Seguridad y Servicios Sociales de los Trabajadores del Estado

**P219 Withdrawn****P220 Retrospective Study of Effectiveness of Low Dose Oral Minoxidil for the Treatment of Scarring and Non-scarring Alopecias, Cleveland Clinic Foundation Experience**

Kaelynn Workman, BS | USA  
Cleveland Clinic Foundation

**P221 Efficacy and Safety of Minoxidil Combined with Microneedles versus Minoxidil Alone for Androgenetic Alopecia: A Meta-analysis**

Yujing Zhang | China  
Peking University People's Hospital

**P222 Positive Effect of Placebo in Clinical Trials of Topical Minoxidil for Androgenetic Alopecia: A Systematic Review and Meta-Analysis**

Yujing Zhang | China  
Peking University People's Hospital

**P223 Serum 25 Hydroxyvitamin D Levels in Alopecia Areata, Female Pattern Hair Loss and Male Androgenetic Alopecia in Chinese Population**

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

**Photobiomodulation and Lasers****P224 Long Term Efficacy & Safety of Low-level Laser Therapy: A 48-week, Multi-Center, Prospective Open Study**

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

**P225 The Efficacy and Safety Comparison Between Long-Pulsed 755nm Alexandrite Laser and Q-switched Nd: YAG Laser (1064 Nm) on the Treatment of Keratosis Pilaris**

Man Li, MD | China  
Capital Medical University

**P226 Photobiomodulation Therapy in Androgenetic Alopecia: Insights from Participant-Reported Outcomes**

Ora Raymond, BA | USA  
University of Minnesota Medical School

**P227 A Retrospective Study to Evaluate Hair Growth Following Treatment with 1565nm Non-Ablative Fractional Laser**

Neil Sadick, MD | USA  
Sadick Dermatology

**P228 Evaluation of Treatment Protocols with Non-Ablative Fractional Laser for Improvement in Hair Follicle Growth as Demonstrated in Mice Model**

Neil Sadick, MD | USA  
Sadick Dermatology

**Psychosocial Burden of Hair Disorders and Outcome Measures****P229 Predicting Psychosocial Burden in Adult Alopecia Areata Patients: Demonstrating Severity Interaction Effects and the Limited Utility of Demographic and Clinical History Variables**

Mattea Johnson, BS | USA  
University of Wisconsin-Stout; University of Minnesota - Twin Cities

**P230 Psychometric Validation of the Brief-Coping Orientation to Problems Experienced Inventory (Brief-COPE) for Alopecia Areata Adult Patients: Support for the 14 Original and 4 Subsuming Coping Strategies**

Kristina Gorbatenko-Roth, PhD, LP | USA  
University of Wisconsin-Stout; University of Minnesota - Twin Cities

**P231 Inclusive Protocols for Participants Who Wear Hijabs in Alopecia Clinical Trials**

Shanelle Jackson, BS | USA  
Department of Dermatology, Perelman School of Medicine, University of Pennsylvania; Michigan State University College of Human Medicine

**P232 Common Psychotrichological Disorders**

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

**P233 Dermatotrichological Realities in Condition of Collective Psychotrauma**

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

**Regenerative Medicine and Biologic Therapies****P234 Hair Follicle-derived Skin Sheet Has Potential in Vitiligo Treatment**

Jing Chen, MD, PhD | China  
Shanghai ReMed Biotechnology Co., Ltd

**P235 Cryopreserved Follicles as a Diverse Source of Cells for Regenerative Medicine**

Jennifer Dillon, PhD | United Kingdom  
HairClone

**P236 Enhanced Treatment of Alopecia Areata Using Triamcinolone Acetonide-encapsulated Dissolving Microneedle Delivery System**

Seunghye Lee, PhD candidate | Republic of Korea  
Seoul National University

**P237 Safety and Efficacy of PRP Combined with Comprehensive Therapy in Severe Androgenic Alopecia Resistant or Intolerant to Finasteride: A Single-arm, Open-label Observation Study**

Yanhua Li, MD, PhD | China  
Affiliated Hospital Of Yangzhou University (Yangzhou First People's Hospital)

**P238 Quantification of Extracellular Vesicles in Clinical Samples of Platelet-poor Plasma, Platelet-rich Plasma and Activated Platelet-rich Plasma**

Javed Shaik, PhD | USA  
University of Minnesota

**P239 IL-36a Promoted Wound Induced Hair Follicle Neo Genesis by IL6-STAT3 Pathway**

Xuegang Xu, MD, PhD | China  
The First Hospital of China Medical University



## Scarring Alopecias

**P240** Analysis of the expression of TLR 2, 3, 4 and 5 within the scalp hair follicle of healthy controls and patients with lichen planopilaris  
Alessandra Anzai, MD, PhD | Brazil  
University of São Paulo

**P241** Investigating the demographic disparities and adverse cancer outcomes in lichen planopilaris and Pseudopelade of Brocq  
Abhinav Birda | USA  
UC Irvine School of Medicine

**P242** Single-cell Sequencing Combined with Spatial Transcriptomics Describes the Follicular and Peri-follicular Tissue Structure and Molecular Biology Features of Scarring Alopecia  
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

**P243** Novel Disease Activity Scale for Central Centrifugal Cicatricial Alopecia  
Dina Collins, MS | USA  
Johns Hopkins School of Medicine

**P244** Central Centrifugal Alopecia Prevalence in a Large Cohort of Black Women  
Jonique Depina, MS | USA  
Kansas City University College of Osteopathic Medicine

**P245** Interleukin-17 and Mast Cells as Potential New Therapeutic Targets in Folliculitis Decalvans  
Isabella Doche, MD, PhD | Brazil  
University of Sao Paulo

**P246** Clinical and Pathological Heterogeneity of Cicatricial Alopecia  
Xufeng Du, MD | 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

**P247** Frontal Fibrosing Alopecia as Facial Dermatitis  
Aida Gadzhigoroeva, MD, PhD, D.Med.Sc | Russia  
Moscow Scientific and Practical Center of Dermatovenereology and Cosmetology

**P248** Treatment Strategies for Centrifugal Cicatricial Alopecia: A Survey of the American Hair Research Society  
Carolyn Goh, MD | USA  
University of California, Los Angeles

**P249** Shared Decision-Making in Central Centrifugal Cicatricial Alopecia  
Renee Haughton, MD | USA  
UC Davis

**P250** Efficacy of Oral Retinoids as a Maintenance Therapy in Primary Cicatricial Alopecia: A Retrospective Study  
Bark-Lynn Lew, MD, PhD | Republic of Korea  
Kyung Hee University Hospital at Gangdong, Kyung Hee University College of Medicine

**P251** Peripheral Nerve Involvement in Frontal Fibrosing Alopecia: Insights from Clinical Presentation, Confocal Microscopy, and Quantitative Sensory Testing  
Nathalie Ly | USA  
University of Minnesota

**P252** Exploring Remission Dynamics and Prognostic Factors in Lichen Planopilaris: Insights from a Historical Cohort Study  
Anna Lyakhovitsky, MD | Israel  
Sheba Medical Center, Tel Hashomer, Tel Aviv University

**P253** Efficacy of Platelet-rich Plasma Infiltrations in Frontal Fibrosing Alopecia  
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

**P258** The Common Fragrance, Linalool, Promotes Core Pathology Events Associated with Frontal Fibrosing Alopecia in Human Scalp Hair Follicles Ex Vivo  
Ralf Paus, MD | Germany  
University of Miami Miller School of Medicine

**P259** Navigating the Clinical Puzzle: A Case Series of Folliculitis Decalvans and Lichen Planopilaris Phenotypic Spectrum from Hospital Italiano De Buenos Aires and Buenos Aires Skin Center  
Denys Penaloza, MD | Argentina  
Hospital Italiano de Buenos Aires Argentina

**P260** Cicatricial Alopecia Patient Assessment & Impact Report  
Jean Pickford, BA | USA  
Scarring Alopecia Foundation

**P261** Public Interest and Trends in Frontal Fibrosing Alopecia Based on Internet Search Queries  
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

**P264** The Impact of Hair Cosmetic Procedures on the Development of Non-CCCA Lymphocytic Cicatricial Alopecia.  
Maria Fernanda Reis Gavazzoni Dias, MD, MSc, PhD | Brazil  
Universidade Federal Fluminense

**P265** Acne Keloidalis Nuchae: A Multicentre Retrospective Study in 142 Hispanic Patients  
Luis Sánchez-Dueñas | Mexico  
Dermika Centro Dermatológico Láser

**P266** Coexistence of Lichen Planopilaris, Frontal Fibrosing Alopecia and Discoid Lupus Alopecia in a Patient with Systemic Lupus Erythematosus  
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

## Single Cell Analysis of the Hair Follicle

**P269** A Multi-Omics Approach to Create a Human Hair Atlas for Healthy and AGA Models  
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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## EXHIBITS

REGENCY BALLROOM AND FOYER  
BANQUET LEVEL Second floor

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

Welcome Reception in Exhibit Area 7:15PM-8:45PM

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

**Monday | April 8** 8:00AM-12:30PM

2:00PM-5:00PM



American Instruments

### American Instruments

7611 Lake Albert Drive  
Windermere, FL 34786 USA

Phone: 1-407-280-6166

americaninstruments.med@gmail.com

www.americaninstruments.com.br

Juliana Albuquerque Ferro, Director / Marketing

#### Booth 38

*American Instruments is a surgical instrument company in Florida that represents a Brazilian manufacturer of surgical instruments. Introducing our new hair implanter line in the US market, we offer dull and sharp needles with 6 different diameters for better precision and quality on the results.*

# CosmeRNA

### Bioneer Corp. (CosmeRNA Div.)

Trade tower 19th fl., 511  
Yeongdong-daero, Gangnam-gu,  
Seoul, 06164 SOUTH KOREA

Phone: +8225516802

support@cosmerna.com, www.cosmerna.com

May Kim, Senior Manager/ Hyunjee Kim, Associate

#### Booth 10-11

*The first RNAi tech-driven androgenetic alopecia solution for both men and women, CosmeRNA. CosmeRNA is specifically designed to selectively inhibit Androgen Receptor in hair follicle, exacerbates androgenetic alopecia, and it has been proven safe and effective through clinical trials. This anti-hair tonic is CPNP, SCPN registered as cosmetic products.*

# CALECIM<sup>®</sup>

PROFESSIONAL

### CALECIM<sup>®</sup> Professional

08-02 137 Market Street  
Singapore, 048943 SINGAPORE

Phone: +65 6444 9968

professionalservices@calecim.com

www.calecimprofessional.com

Xavier Simpson, Chief of Staff

#### Booth 14

*CALECIM<sup>®</sup> Professional is a range of patented hair restoration and skincare products whose active ingredient is derived from umbilical cord lining stem cells and is referred to as PTT-6<sup>®</sup>. CALECIM<sup>®</sup>'s PTT-6<sup>®</sup> contains over 3,000 active types of growth factors and exosomes in industry high concentrations.*

IMAGING EXCELLENCE FROM

# CANFIELD

### Canfield Scientific Inc.

4 Wood Hollows Road  
Parsippany, NJ 07054 USA

Phone: 1-973-434-1200

info@canfieldsci.com, www.canfieldsci.com

Sam Esposito, Product Management Director

#### Booth 9

*Canfield's AI-driven non-invasive HairMatrix<sup>®</sup> software is used by top practices, hospitals, and research centers as an integral part of hair consultations. It requires no hair clipping and allows for appropriate treatment plans and objective outcome monitoring to be easily communicated to patients.*



# CHEMISTRY RX

INNOVATIVE SKIN THERAPIES

### Chemistry Rx

950 Henderson Blvd.  
Folcroft, PA 19032 USA

Phone: 1-855-790-0100

lars@chemistryrx.com, www.chemistryrx.com

Dr. Lars Brichta, Chief Scientific Officer

#### Booth 15

*Chemistry Rx is an accredited dermatology compounding pharmacy. One of our specialties is compounded medications for different forms of hair loss. Using a clinical evidence-based approach, we design and offer highly innovative medications for topical and oral use, as well as for mesotherapy.*

# CLEAR

### Clear

18 Nepal Park  
Singapore, 139407 SINGAPORE

Phone: + 65 6643 3000

https://www.clearhaircare.com/my/home.html

#### Booth 25

*A global-leading scalp expert brand. Offering clinically tested anti-dandruff, scalp and hairfall solutions, customized for gender differences. A Unilever company.*



### Crown Aesthetics

5005 Lyndon B. Johnson Fwy., Suite 370  
Dallas, TX 75244 USA

Phone: 1-888-372-3982

marketing@crownaesthetics.com  
www.crownaesthetics.com

Sean Madanipour, VP Marketing - Aesthetics

#### Booth 21

*Crown Aesthetics, a medical aesthetics company, offers non-invasive innovations; SkinPen®, the first FDA-cleared microneedling device; BIOJUVE™, living microbe technology for skin biome care, PROGEN PRP ECLIPSE™, a platelet-rich plasma system, and VOTESSE™, help draw consumers to medical practices.*



### Dove

40 Merritt Blvd  
Trumbull, CT 06611 USA

Phone: 1-800-761-3683

<https://www.dove.com/>

#### Booth 13

*Dove Hair Care showcases our new '10 in 1 Bond Strength' Hair Mask for extreme damage repair, with unique, patented Bio-Protein Care technology. Learn how proprietary technologies protect and restore compromised, hydrophilic hair fibers, inside and out. A Unilever company.*



### Eli Lilly and Company

Corporate Center  
Indianapolis, IN 46285 USA

Phone: 1-317-276-2000

[www.lilly.com](http://www.lilly.com)

#### Booth 3 & 42

*Lilly unites caring with discovery to create medicines that make life better for people around the world. We've been pioneering life-changing discoveries for nearly 150 years, and today our medicines help more than 51 million people across the globe.*



### Fagron Genomics US

807 Las Cimas Parkway, Suite 145  
Austin, TX 78746 USA

Phone: 1-844-258-5564

info@fagrongenomicsus.com  
www.fagrongenomicsus.com

#### Booth 31

*Fagron Genomics US empowers providers with advanced genetic testing, including Nutrigenomic and Pharmacogenomic services. The platform, designed by medical professionals, validates patient needs based on individual DNA, offering scientifically validated reports for personalized medicine.*



### 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](http://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](http://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](http://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](http://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](mailto:bh@propaira.com), [www.propaira.com](http://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](mailto:twaite@revian.com), [www.revian.com](http://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.*



### REVIVV® (WETHRIVV® LLC)

3805 Old Easton Road, Lab #305  
Doylestown, PA 18902 USA

Phone: 1-877-676-8875

[hello@wethrivv.com](mailto:hello@wethrivv.com), [www.wethrivv.com](http://www.wethrivv.com)  
[www.revivv.co](http://www.revivv.co), [www.pro.maskad.co](http://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](mailto:mark@rosemicrosolutions.com)  
[www.rosemicrosolutions.com](http://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](mailto:Michal.kasprzak@tricholab.com), [www.tricholab.com](http://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

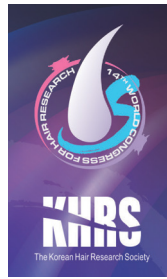
info@ishrs.org  
www.ishrs.org

#### 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

khrsinfo@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**

**FEDERATION LEADERSHIP**

Chair: Wilma F. Bergfeld, MD • Secretary: Victoria Ceh, MPA • Immediate Past Chair Gill Westgate, PhD

- |   |  |
|---|--|
| <p><b>American Hair Research Society</b><br/>                 President: Angela Christiano, PhD<br/>                 Secretary-Treasurer: John Seykora, MD, PhD<br/>                 Immediate Past-President: Antonella Tosti, MD</p>                | <p><b>Society for Hair Science and Research (Japan)</b><br/>                 President: Manabu Ohyama, MD, PhD<br/>                 Secretary: Yutaka Shimomura, MD, PhD<br/>                 Manager: Misaki Kinoshita-Ise, MD, PhD</p>               |
| <p><b>Australasian Hair and Wool Research Society</b><br/>                 President: Rod Sinclair, MBBS, MD<br/>                 Secretary: Les Jones, MSc, PhD<br/>                 Treasurer : Samantha Eisman, MBChB</p>                          | <p><b>Korean Hair Research Society</b><br/>                 President: Moon Bum Kim, MD, PhD<br/>                 Vice President: Ohsang Kwon, MD, PhD<br/>                 Secretary; and Director, International Affairs: Chang-Hun Huh, MD, PhD</p> |
| <p><b>Chinese Hair Research Society</b><br/>                 Chairman: Jianzhong Zhang, MD<br/>                 Vice Chairman: Weixin Fan, MD<br/>                 Vice Chairman: Xingqi Zhang, MD<br/>                 Secretary: Cheng Zhou, MD</p> | <p><b>Russian Hair Research Society</b><br/>                 President: Andrey Panteleyev, PhD<br/>                 Vice President: Andrei Doroshkevich, MD<br/>                 Immediate Past-President: Tatiana Siliuk, MD</p>                      |
| <p><b>European Hair Research Society</b><br/>                 President: Claire Higgins, PhD<br/>                 Secretary: Sergio Vañó Galvan, MD, PhD<br/>                 Immediate Past-President: Bianca Maria Piraccini, MD, PhD</p>           | <p><b>Ukrainian Hair Research Society</b><br/>                 President: Yuliya Ovcherenko, MD, PhD<br/>                 General Secretary: Kuzma Khobzey, MD</p>   |

IFHRS, Nov. 19, 2022, WCHR2022 Melbourne





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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)

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(McHale, 2004)

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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: KHRS  
Seoul, Korea

**WCHR2028**

Host: EHRS  
Europe

**WCHR2030**

Host: TBD  
Open Slot



# DENVER2024

32ND WORLD CONGRESS OCT 17-19  
WITH LIVE SURGERY WORKSHOP OCT 15

Join us for a Live Surgery Workshop on October 15 and the World Congress from October 17-19.

The ISHRS World Congress provides the highest quality education for hair restoration surgeons.

[32NDANNUAL.ORG](http://32NDANNUAL.ORG)

## 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



**WCHR**  
The Korean Hair Research Society

14<sup>TH</sup>

# 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

Save the date for WCHR 2026!

The Korean Hair Research Society invites you to the next WCHR 2026 in Seoul, Korea.

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.

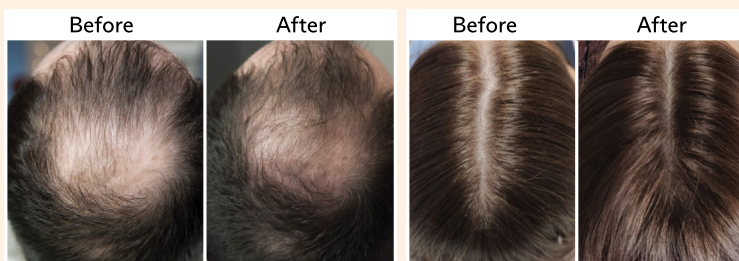
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