

# PROGRAM GUIDE

## INTERNATIONAL SOCIETY OF HAIR RESTORATION SURGERY

OCTOBER 17-25

ISHRS 28TH WORLD CONGRESS

**VIRTUAL**  
**2020**

#ISHRS2020  
28THannual.org

### 2020 WORLD CONGRESS COMMITTEE

Bradley R. Wolf, MD, FISHRS | USA  
*Chair*

Jerzy R. Kolasinski, MD, PhD, FISHRS | POLAND  
*Advanced/Board Review Course Chair*

Samuel M. Lam, MD, FISHRS | USA  
*Advanced/Board Review Course Co-Chair*

M. Humayun Mohmand, MD, FISHRS | PAKISTAN  
*Basics Course Chair*

Shady El-Maghraby, MD, MSc | EGYPT  
*Basics Course Co-Chair*

Marwan Nouredin, MSc | EGYPT  
*Surgical Assistants Chair*

Sara M. Wasserbauer, MD, FISHRS | USA  
*Focused Sessions Chair*

Robin Unger, MD | USA  
*Immediate Past Chair*

Marc S. Dauer, MD | USA  
*Committee Member*

Bessam K. Farjo, MBChB, FISHRS | UNITED KINGDOM  
*Committee Member*

Jennifer Krejci, MD | USA  
*Committee Member*

Daniel G. McGrath, DO, FISHRS | USA  
*Committee Member*

Vladimir Ratushny, MD, PhD | USA  
*Committee Member*

Marie A. Schambach, MD, FISHRS | GUATEMALA  
*Virtual Subcommittee Chair*

Nilofer P. Farjo, MBChB, FISHRS | UNITED KINGDOM  
*Virtual Subcommittee*

David S. Josephitis, DO, FISHRS | USA  
*Virtual Subcommittee*

Mauro Speranzini, MD | BRAZIL  
*Virtual Subcommittee*

Dow B. Stough, MD | USA  
*Virtual Subcommittee*

Gregory Williams, MBBS, FISHRS | UNITED KINGDOM  
*Virtual Subcommittee*

Connecting Ideas and Surgeons  
from Around the World



# WELCOME

## TABLE OF CONTENTS

2	WELCOME
4	LOGIN DETAILS & TECHNOLOGY CHECKLIST
5	GENERAL INFORMATION
6	CME INFORMATION
7	PROGRAM AT-A-GLANCE
8	DAY-BY-DAY PROGRAM
8	WELCOME DRINK
9-12	GENERAL SESSIONS
12	ISHRS GENERAL MEMBERSHIP BUSINESS MEETING
13-21	FOCUSED SESSIONS
22	CSI DISCUSSION GROUPS
23	ANCILLARY MEETINGS
24-27	GENERAL SESSIONS
28	AWARDS CEREMONY
29	CSI PRESENTATIONS
31	FEATURED GUEST SPEAKERS
34	LIST OF FACULTY
35	EXHIBITS
39	MORE ABOUT THE PLATFORM
39	OPEN, CLOSE, ON-DEMAND DATES
39	HOW TO PARTICIPATE
41	MAP
42	GAMES
43	VIRTUAL PHOTO BOOTH
44	GLOBAL COUNCIL SOCIETIES
45	ANCILLARY EDUCATION
49	ABOUT THE ISHRS

## MESSAGE FROM THE ISHRS PRESIDENT



F. Jimenez

### ***Welcome to the 28th ISHRS World Congress in Hair Restoration Surgery.***

This year will be a new experience for all of us with our virtual Congress. I would like to thank Dr. Brad Wolf and his Scientific Committee for planning an excellent scientific program and the ISHRS staff for all their work behind the scenes in dealing with the technical and logistic challenges that have had to be met.

In these two weeks, we will have the opportunity to reconnect with all our colleagues, participate in the discussion of several hot topics, and attend many talks that will update us on the latest surgical techniques and the most recent advances in biological research on hair follicle regeneration.

While the virtual meeting may take away the fun and familiarity of getting together in person with our friends and colleagues, it will also offer us a more relaxed way to contemplate the scientific progress that has been made in the past year from the comfort and silence of our home or office. Let's enjoy this new experience.

Best regards,

Francisco Jimenez, MD, FISHRS | Spain  
ISHRS President

PHOTO POLICY: Conference attendees may take photographs during oral or poster presentations provided that the photographs are strictly for personal, noncommercial use, and not disruptive to the speaker or other learners.  
VIDEO POLICY: No video recording allowed.

ISHRS 2020  
WORLD CONGRESS  
IS DEDICATED TO



**O'Tar T. Norwood, MD**  
1931-2020

Founder of Forum and Co-Founder of ISHRS

## MESSAGE FROM THE ISHRS PROGRAM CHAIR

**What a journey it has been already!** From anticipating the renewal of decades-long relationships and enjoying a visit to another exotic beach location in a beautiful hotel, to figuring out what a "platform" is, how to record our presentations, and what background we should use for the virtual meeting. I visited Panama in 1971 when I was in high school and was looking forward to a return visit almost 50 years later. Hopefully, we can all visit Panama in 2022 for our scheduled 30th annual congress, the 2016 and 2020 meetings were both derailed by viruses, Zika and Covid.

Going virtual has necessitated a lot of changes. The Basic Course was offered as a separate course over two weekends in August. An excellent program was presented by Humayun Mohmand and Shady El-Maghraby that was well attended and well received. The same is true for the Advanced/Board Review Course developed by Jerzy Kolansinski and Sam Lam that took place the last weekend of September and first weekend of October. A big thank you to them for their hard work putting the courses together on short notice.

Due to cancellation of the in-person meeting, the traditional sections; Live Patient Viewing, Newcomer's Breakfast, and Morbidity and Mortality Conference were cancelled. The Chairs of those sections (respectively) Marie Schambach, Nilofer Farjo, and Mauro Speranzini and Greg Williams, became the core of the Virtual Subcommittee along with David Josephitis and Dow Stough.

In preparing for the virtual meeting, we found we needed to learn an entirely new language to pivot from an in-person to virtual meeting. Leading the way was our President, Francisco Jimenez and the ISHRS staff led by Victoria Ceh and Melanie Stancampiano who wasted no time recognizing what needed to be done. As a result of travel restrictions due to the Covid virus, a new industry was developing to help societies of all types present their yearly meetings virtually instead of in-person. We all quickly learned what a "virtual platform" is. Requests for proposals went to several companies and we selected on the Scarritt Group which is a global innovative meeting planning and logistics company specializing in clinical meetings. Founded in 1999, Scarritt Group has executed over 8,000 meetings worldwide and delivers meetings that attendees find memorable and unique. You will find the virtual meeting space is modeled after an actual meeting, is interactive, and easy to navigate.

There is no template for organizing a virtual world congress for hair restoration, so we had a lot to learn. "Best practices" guided us through the process. You will see the results of our education. The more than 100 submitted abstracts were distilled and the best were selected for the eight general sessions. It is boring to sit at your home or office watching one, five to ten-minute lecture, after another so "texturizing" is done to make it all more interesting. Be prepared for active chat, questions, polls, panels, games, contests, and other surprises to spruce up the general sessions. Don't be shy about chatting and submitting questions during the lectures for the panels to answer. We will have designated chat moderators selecting the questions to answer and present to the panels. Lectures will be, for the most part, pre-recorded with the authors available, live, after his or her lecture.

Our featured speakers this year are remarkable. Angela Christiano, Maksim Plikus, Alexey Terskikh, and Danielle Ofri are well-known lecturers. Hopefully, you will be familiar with them before the congress. If not, they are profiled elsewhere in this program. In addition, we have a stellar group of researchers who have agreed to participate in our panels including Carlos Clavel, Claire Higgins, Luis Garza, Ander Izeta, Moonkyu Kim, and Daniel Aberdam. Were it not for the virtual platform and its accessibility to literally anyone, we couldn't assemble this unprecedented group of experts.

The congress will occur between Saturday, October 17th and Sunday, October 25th. Access to the platform will open Monday, October 12, and we will have a short "Welcome Drink and Platform Orientation" on Friday, October 16. The eight general sessions take place on Oct 17, 18, 24, and 25, the two weekends, and consist of two 90-minute periods each day. These sessions will contain the formal lecture presentations, featured lecturers, and panels. Additional courses will be held during the week, October 19-23, between those weekends. Sara Wasserbauer has organized nine fabulous Focused Sessions (workshops) that will be presented, three per day, on October 19, 20, and 21. There is no additional charge to attend so you can register for all of them if you like. That would be impossible with an in-person meeting! In the past some abstracts were selected for posters, but space was limited. Again, with a virtual meeting we can accommodate an unlimited number of virtual presentations so most abstracts not chosen for



B. Wolf

lectures were accepted as CSI (Cases, Studies, and Innovations) presentations which will be recorded as either poster, video, or PowerPoint presentation. These will be downloaded and available a week before, during, and on demand for three months after the meeting, as will all content from the meeting. On Thursday, October 22, there will be two one-hour periods in which these CSI presentations will be discussed. Moderators and the authors will be available to discuss and answer questions about their presentations. Friday, October 23, is a free day. Our awards ceremony will occur at the very end on Sunday, October 25, at 11:30 am CDT. All times are listed as CDT or Central Daylight Savings Time (Chicago) in the United States so please convert to find the time in your region.

This Congress is dedicated to the memory of the ISHRS co-founder and founder of *Hair Transplant Forum International*, O'Tar Norwood, who recently passed away at the age of 89. Those who knew him all have fond memories of him and those who did not will learn about him during the meeting.

Thanks to the ISHRS staff, especially Victoria Ceh and Melanie Stancampiano, who were largely responsible for figuring out this new way of creating a meeting. Thanks also to Francisco Jimenez for his leadership in these difficult times and the entire Scientific Committee for offering their time and enthusiasm needed to texturize this event. We know the content is exceptional, the featured speakers are excellent, the virtual platform is state of the art, and all systems are "go" for a unique educational experience. All we need is YOU to experience it and complete the journey. We look forward to seeing, virtually, everyone.

Warmest regards,

Bradley R. Wolf, MD, FISHRS | USA  
Program Chair, 2020 World Congress



## Welcome to our Virtual World Congress!

This will be an interactive and completely online meeting experience utilizing a web-based simulated virtual conference center. You will enter through the main lobby and have a map to select different rooms/spaces where you may visit. Make time in your schedule to attend live educational sessions in the Auditorium, visit companies of interest in the Exhibit Hall, ask questions of ISHRS staff at the ISHRS Information Desk, etc.

In addition to live educational sessions, participate in online "Forum" discussion chats on various topics, review the Cases, Studies, and Innovation (CSI) Presentations on-demand at your convenience, and network with peers via text in a large group, small group, or individual basis using the chat function.

**Login instructions will be sent** to all registered attendees and the virtual conference center will open on Monday/October 12, 2020, at 11:00AM Central Daylight Time (Chicago).



GENERAL INDICATOR	CDT TIME							
	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
	06:00 6:00 am	08:00 8:00 am	10:00 10:00 am	14:00 2:00 pm	15:00 3:00 pm	16:00 4:00 pm	18:30 6:30 pm	21:00 9:00 pm

NOTE: all published times are in the Central Daylight Time (CDT).  
We recommend using a time zone conversion tool to find your local time.

## LOGIN DETAILS

### SYSTEM CHECK

Prior to the conference start, please ensure you can join live meeting sessions by checking your system using the following link:

**Live.simcita.com/systemcheck**

- 1 The ISHRS Virtual World Congress is only viewable from a laptop/desktop computer utilizing Google Chrome.
- 2 **Login** using the details from your confirmation email.  
<https://ishrs.simcita.com/>  
**Email Address:** Use the same email address used during congress registration  
**Password:** Your password has been emailed to you. You may reset your password in the virtual conference center.
- 3 **Setup your profile.**  
From the meeting lobby click on the *Profile* icon on the bottom of the page. Enter your contact information and create your avatar or upload your photo.

## TECHNOLOGY CHECKLIST

- ✓ Attendees must access the ISHRS Virtual Congress platform from a laptop or PC. Tablets and phones are not compatible with the site.
- ✓ Google Chrome is the preferred internet browser and must be used by faculty to participate in live educational sessions.
- ✓ Audio must be accessed via computer using Google Chrome or Microsoft Edge as the internet browser, or via phone.
- ✓ Those who will participate in Simultaneous Interpretation must access the audio via phone.
- ✓ Enable your microphone and webcam to participate in live sessions.
- ✓ Establish a strong internet connection, wired if possible, for the strongest connection.
- ✓ Typically, an internet speed of 10mbps or higher will suffice. Check your internet speed at **speedtest.net**.
- ✓ Some portions of the world congress will take place via Zoom. Download this pre-course checklist for Zoom on the World Congress website.



## MEETING ATTIRE

One of the benefits of a virtual meeting is that the attendees may attend in casual dress. We ask all attendees to be appropriately dressed if on video, free of religious or political statements. Faculty are asked to dress in professional attire when presenting.

## OFFICIAL LANGUAGE

The official language of the meeting is English. One-way simultaneous interpretation from English-to-Spanish, and English-to-Mandarin, is available for live General Sessions, Focused Sessions, and the Welcome Drink. Attendees utilizing simultaneous interpretation will access the meeting audio via phone and will be provided additional instructions upon registration. Attendees wishing to utilize simultaneous interpretation must advance register for this option via the registration process.

## PERSONS WITH DISABILITIES

The ISHRS 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 ISHRS Headquarters Office at +1-630-262-5399 or [info@ishrs.org](mailto:info@ishrs.org) as soon as possible, and preferably before September 17, 2020.

## CANCELLATION/REFUND POLICY

Registration fees less a \$100 USD administrative fee will be refunded upon written notice of cancellation to the ISHRS office received on or before October 12, 2020. After October 12, 2020, 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 ISHRS headquarters office. Refund requests must be in writing. "No shows" who have not pre-paid will be invoiced for the total registration fee.

## LOGIN CREDENTIALS

Login credentials are intended only for the registered attendee to access the ISHRS Virtual World Congress. Each attendee email address may only be logged into one device at a time. Any additional attempts to login will remove the attendee from other devices.

## ANCILLARY COURSES AND PROGRAMS

Separate registration **is required** for the following events. For those in which you registered you will receive login instructions via email.

- Surgical Assistants Program
- ISHRS General Business Meeting (ISHRS members only)
- Awards Ceremony

## PHOTOGRAPHY & VIDEO RECORDING POLICY

### PHOTO POLICY

Conference attendees may take photographs during oral or poster presentations provided that the photographs are strictly for personal, noncommercial use, and not disruptive to the speaker or other learners.

### VIDEO POLICY

No video recording allowed.

## ASKING QUESTIONS IN THE SESSIONS

### VIRTUAL CONFERENCE CENTER

Attendees are encouraged to ask questions of faculty during General Sessions and Focused Sessions by using the *Questions and Answers* feature in the virtual auditorium.

Discussion among attendees is encouraged in the *Conversations* feature in the virtual auditorium.

Attendees may wish to visit the *Fireside Chat* or *Meet Up* rooms in the virtual conference center to have discussions with faculty and other attendees.



To submit your question:

- Click on *Questions and Answers* on the left side of the screen in the virtual auditorium.

- Type out your question and indicate for which speaker, if applicable.
- Click *Submit* when complete.

### ZOOM

During Zoom meeting components of the Congress, attendees may ask questions in the Chat or by raising their virtual hand in the Participants box.

*The ISHRS is the leader in high quality education for hair restoration surgeons. The ISHRS has achieved the prestigious accreditation to organize education for physicians from the renowned Accreditation Council for Continuing Medical Education.*

**The ISHRS Virtual World Congress is not sanctioned for CME Credits.** However, the meeting will comply as much as possible with the policies and best practices of the Accreditation Council for Continuing Medical Education. All individuals in a position to control the content of the activity, including speakers and authors, moderators, and planning committee members, will properly disclose relevant financial relationships with any commercial interests pertinent to their talk or the subject of the meeting.

#### **Learning Objective (Overall)**

Evaluate techniques and methods in the many aspects of surgical hair restoration, medical therapy, and adjunctive treatments, for hair loss of various etiologies to yield optimal patient outcomes.

#### **Speaker Disclosures of Conflicts of Interest**

All presenters were required to disclose their relevant financial relationships. Such disclosures are published in the Abstract Book.

#### **Certificate of Attendance**

All attendees will receive a personalized Certificate of Attendance emailed to them after the Congress.

#### **Evaluation Surveys**

The World Congress CME Committee kindly requests that you complete the overall evaluation survey you will receive via email in the days following the meeting. Your feedback is very valuable to us! We make changes to the program and faculty based on your comments so we may continually improve the World Congress. Thank you for your participation!

#### **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. Soliciting business in the virtual 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 ISHRS Executive Director. Any unapproved handouts will be removed and discarded. Inappropriate postings in Chat, Conversations, Forums, or other meeting spaces will be removed and discarded. Inappropriate postings on the message boards will be removed and discarded.

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 ISHRS doctor's or assistant's lecture that has been made in good faith and according to the ethical standards of our Society is prohibited.

The timing of any private ancillary meetings of Global Council Societies must be approved by the ISHRS. No other meetings will be a part of the ISHRS Virtual World Congress this year.

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 International Society of Hair Restoration Surgery (ISHRS) for educational purposes only. This material is not intended to represent the only, nor necessarily the best, method or procedure appropriate for the medical 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 ISHRS 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 ISHRS 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 ISHRS. The sessions may be audio, videotaped, or photographed by the ISHRS.

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.

# THANK YOU

We gratefully recognize the educational grants provided by our commercial supporters.

Bosley  
Nutrafol



OCTOBER 17-25  
ISHRS 28TH WORLD CONGRESS  
Connecting Ideas and Surgeons  
from Around the World

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
12 VIRTUAL 2020 OPENS	13	14	15	16 WELCOME DRINK	17 GENERAL SESSIONS	18 GENERAL SESSIONS
19 FOCUSED SESSIONS	20 FOCUSED SESSIONS	21 FOCUSED SESSIONS	22 CSI	23 GC ANCILLARY MEETINGS	24 GENERAL SESSIONS	25 GENERAL SESSIONS

VIRTUAL 2020 Remains On-Demand for 3 Months

CDT* TIME	FRIDAY 16	SATURDAY 17	SUNDAY 18	MONDAY 19	TUESDAY 20	WEDNESDAY 21	THURSDAY 22	FRIDAY 23	SATURDAY 24	SUNDAY 25	CDT* TIME
	AUDITORIUM	AUDITORIUM	AUDITORIUM	AUDITORIUM FIRESIDE CHAT	AUDITORIUM FIRESIDE CHAT	AUDITORIUM FIRESIDE CHAT	BREAKOUT ROOMS	Reserved for Global Council Ancillary Meetings	AUDITORIUM	AUDITORIUM	
7:00											7:00
7:30				101 Hairline	201 Scar Optimization & SMP	301 Preview Long-hair & No-shave FUE	CSI DISCUSSION GROUPS 1 ZOOM				7:30
8:00	Welcome Drink & Platform Orientation	PRELUDE	PRELUDE						PRELUDE	PRELUDE	8:00
8:30		GENERAL SESSION 1 New and Exciting: 21st Century Surgery	GENERAL SESSION 3 Donor & Recipient		Fireside Chat 101				GENERAL SESSION 5 Non-Surgical Treatments & Scarring Alopecias	GENERAL SESSION 7 Interesting Scientific Papers Advances Lecture Maksim Plikus	8:30
9:00				102 Eyebrows, Beard, Body Hair	202 Injectables: PRP, Exosomes, Stem Cells						9:00
9:30		BREAK	BREAK			302 Implanters					9:30
10:00		PRELUDE	PRELUDE		Fireside Chat 201						10:00
10:30		GENERAL SESSION 2 Hair Follicle Regeneration I Norwood Lecture Angela Christiano	GENERAL SESSION 4 Hair Follicle Regeneration 2 & Implanters Guest Lecture Alexey Terskikh	Fireside Chat 102	Fireside Chat 202		ZOOM Breakouts 302		GENERAL SESSION 6 The Patient Stough Lecture Danielle Ofri	GENERAL SESSION 8 Open Dialogue: Congress Best Topics	10:30
11:00						303 Designing Research Projects					11:00
11:30				103 FUE Basics	203 Advanced Surgical Cases					AWARDS CEREMONY ZOOM	11:30
12:00			ISHRS GENERAL MEMBERSHIP BUSINESS MEETING & AWARDS ZOOM		Fireside Chat 203	Fireside Chat 303					12:00
12:30				Fireside Chat 103							12:30
13:00											13:00
19:00											19:00
19:30							CSI DISCUSSION GROUPS 2 ZOOM				19:30
20:00											20:00

GENERAL INDICATOR	Los Angeles	CDT TIME Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
	06:00	08:00	10:00	14:00	15:00	16:00	18:30	21:00
	6:00 am	8:00 am	10:00 am	2:00 pm	3:00 pm	4:00 pm	6:30 pm	9:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time



GENERAL  
INDICATOR

		CDT TIME					
Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
06:00	08:00	10:00	14:00	15:00	16:00	18:30	21:00
6:00 am	8:00 am	10:00 am	2:00 pm	3:00 pm	4:00 pm	6:30 pm	9:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## FRIDAY • OCTOBER 16, 2020

▼ ALL TIMES CDT\*

7:30AM-9:00AM ISHRS Information Desk Live Hours

8:00AM-8:30AM Welcome Drink &amp; Platform Orientation | Auditorium, and then Zoom

### Welcome Drink Oct. 16, 2020



Display your  
country flag

**Welcome to the 28th World Congress of the ISHRS! Grab your drink of choice (coffee or a cocktail), greet your colleagues for a virtual "hello!," and join us for an orientation to the virtual congress website before the formal beginning of the World Congress.**

**The Welcome Drink is part of the World Congress.** You must be registered for the 2020 World Congress in order to participate in the Welcome Drink.

**The Welcome Drink will begin** in the Virtual World Congress Platform, and then move to a Zoom room so we can all see each other.

**We ask each attendee** to have a small flag of their country that is shown in their camera alongside their face, e.g., a flag on a stick, a print out of your country's flag, or a lapel pin of your country's flag. We will celebrate the international nature of our society!

As a scientific society, we ask you not include political or religious symbols.

GENERAL  
INDICATOR

	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
06:00		08:00	10:00	14:00	15:00	16:00	18:30	21:00
6:00 am		8:00 am	10:00 am	2:00 pm	3:00 pm	4:00 pm	6:30 pm	9:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## SATURDAY • OCTOBER 17, 2020

▼ ALL TIMES CDT\*

7:30AM-1:00PM	<b>ISHRS Information Desk Live Hours</b>
7:50AM-8:00AM	<b>Prelude from South Europe Global Council Societies   Auditorium</b>
8:00AM-9:45AM	<b>GENERAL SESSION 1: OPENING SESSION</b> <b>New and Exciting: 21st Century Surgery   Auditorium</b>
<b>GS-001</b>	<b>MODERATOR</b> Jean M. Devroye, MD, FISHRS   Belgium
<b>GS-002</b>	<b>CO-MODERATOR</b> Mauro Speranzini, MD   Brazil
<b>5'</b>	<b>Welcome &amp; Introduction</b>
<b>GS-003</b>	Bradley R. Wolf, MD, FISHRS   USA
<b>5'</b>	<b>President's Address</b>
<b>GS-004</b>	Francisco Jimenez, MD, FISHRS   Spain
<b>5'</b>	<b>Tribute to O'Tar Norwood</b>
<b>GS-005</b>	Dow B. Stough, MD   USA
<b>8'</b>	<b>Disruptors- The Anatomy of Surgical Innovation</b>
<b>GS-006</b>	Jean M. Devroye, MD, FISHRS   Belgium
<b>7'</b>	<b>Comparison of the Healing of the Donor Area in Two FUE Devices- WAW vs. MAMBA</b>
<b>GS-007</b>	Gorana Kuka Epstein, MD, FISHRS   Serbia
<b>8'</b>	<b>New Multi-Purpose Punch</b>
<b>GS-008</b>	Luis Roberto Trivellini, MD   Paraguay
<b>7'</b>	<b>Using a Trumpet Serrated Punch on a Multi-Phasic Device: Guide to Use It, Advantages and Disadvantages</b>
<b>GS-009</b>	Arthur Tykocinski, MD, FISHRS   Brazil
<b>7'</b>	<b>Follicular Unit Implantation Using a Robotic Hair Transplantation Device: Clinical Experience and Result</b>
<b>GS-010</b>	Maxim Chumak, MD   USA
<b>7'</b>	<b>True High Coverage in Just One Session</b>
<b>GS-011</b>	Antonio S. Ruston, MD   Brazil
<b>10'</b>	<b>The Role of FUT in an FUE World</b>
<b>GS-012</b>	Samuel M. Lam, MD, FISHRS   USA
9:30AM-1:00PM	<b>Exhibits Booth Staffed   Exhibit Hall</b>
9:45AM-10:15AM	<b>BREAK</b>



J. Devroye



M. Speranzini



M. Chumak



G. Kuka Epstein



F. Jimenez



S. Lam



A. Ruston



D. Stough



L. Trivellini



A. Tykocinski



B. Wolf

GENERAL  
INDICATOR

	CDT TIME						
Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
08:15	10:15	12:15	16:15	17:15	18:15	20:45	23:15
8:15 am	10:15 am	12:15 pm	4:15 pm	5:15 pm	6:15 pm	8:45 pm	11:15 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## SATURDAY • OCTOBER 17, 2020 CONTINUED

▼ ALL TIMES CDT\*

10:05AM-10:15AM **Prelude from North Europe Global Council Societies** | Auditorium

10:15AM-12:00PM **GENERAL SESSION 2**  
**Hair Follicle Regeneration I** | Auditorium

### 3' Moderator Introduction

MODERATOR

Robin Unger, MD | USA

CO-MODERATOR

Gorana Kuka Epstein, MD, FISHRS | Serbia

GS-013

GS-014

### 20' NORWOOD LECTURE

#### 3- D Bioprinting and In-Vitro Hair Follicle Formation

FEATURED GUEST SPEAKER

Angela M. Christiano, PhD | USA

GS-015

### 7' Autologous Cell-Based Therapy for Male and Female Pattern Hair Loss using Dermal Sheath Cup Cells: 3 A Randomized Placebo-Controlled Double-Blinded Dose Finding Clinical Study

Jiro Kishimoto, PhD | Japan

GS-016

### 7' Bone Marrow Derived MSC Exosomes for AA: The First 100 Patients

Jerry E. Cooley, MD, FISHRS | USA

GS-017

### 7' What Works Better- Fat or PRP? Results of a Double-Blinded, Randomized, Placebo Controlled Study

Gorana Kuka Epstein, MD, FISHRS | Serbia

GS-018

### 7' Effectiveness of Autologous Platelet-rich Plasma Combination with Microneedling vs Microneedling Alone for the Treatment of Androgenetic Alopecia: A Prospective Randomized Split-Scalp Study

Ratchathorn Panchaprateep, MD, PhD, FISHRS | Thailand

GS-019

### Panel Discussion

PANELISTS

Daniel Aberdam, PhD | France

Moonkyu Kim, MD, PhD, FISHRS | South Korea

Maksim Plikus, PhD | USA

Alexey Terskikh, PhD | USA

GS-020

GS-021

GS-022

GS-023

### Questions & Answers



R. Unger



G. Kuka Epstein



A. Christiano



J. Cooley



J. Kishimoto



R. Panchaprateep



D. Aberdam



M. Kim



M. Plikus



A. Terskikh



GENERAL  
INDICATOR

	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
06:00		08:00	10:00	14:00	15:00	16:00	18:30	21:00
6:00 am		8:00 am	10:00 am	2:00 pm	3:00 pm	4:00 pm	6:30 pm	9:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## SUNDAY • OCTOBER 18, 2020

▼ ALL TIMES CDT\*

7:30AM-1:00PM	<b>ISHRS Information Desk Live Hours</b>
7:50AM-8:00AM	<b>Prelude from Arab Global Council Society</b>   Auditorium
8:00AM-9:30AM	<b>GENERAL SESSION 3</b> <b>Donor and Recipient</b>   Auditorium
	<b>3' Moderator Introduction</b>
<b>GS-024</b>	<b>MODERATOR</b> Georgios Zontos, MD, PhD, FISHRS   Denmark
<b>GS-025</b>	<b>CO-MODERATOR</b> David S. Josephitis, DO, FISHRS   USA
	<b>7' Sagittal Versus Coronal Incisions: How to Reduce the Injury to the Recipient Area by 300%</b>
<b>GS-026</b>	Georgios Zontos, MD, PhD, FISHRS   Denmark
	<b>5' Post-Operation Forehead Edema After Hair Transplant Surgery, Biology, Mechanism, Preventing and Treatment</b>
<b>GS-027</b>	Gholamali Abbasi, MD, FISHRS   Iran
	<b>10' Depth Control Analysis in 30 FUE Patients</b>
<b>GS-028</b>	Otávio Boaventura, MD   Brazil
	<b>8' Alternative Strategies for Use of Hair Harvested Outside the SAFE Zone</b>
<b>GS-029</b>	Robert H. True, MD, MPH, FISHRS   USA
	<b>5' Revisited: Longitudinal Study on Transected Hairs 2000-2001</b>
<b>GS-030</b>	Jennifer H. Martinick, MBBS, FISHRS   Australia
	<b>5' Pulley Stitch in Strip FUT Wound Closure</b>
<b>GS-031</b>	Kongkiat Laorwong, MD, FISHRS   Thailand
	<b>5' Resolving the Laxity Paradox of Scalp Skin Stretched Scars</b>
<b>GS-032</b>	Greg Williams, MBBS, FISHRS   United Kingdom
	<b>10' FUT: How to Remove a Strip with Minimal Donor Scarring</b>
<b>GS-033</b>	Robert S. Haber, MD, FISHRS   USA
9:30AM-10:00AM	<b>BREAK</b>
9:30AM-1:00PM	<b>Exhibits Booth Staffed</b>   Exhibit Hall



G. Zontos



D. Josephitis



G. Abbasi



O. Boaventura



R. Haber



K. Laorwong



J. Martinick



R. True



G. Williams

GENERAL  
INDICATOR

CDT TIME		Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
08:00			10:00	12:00	16:00	17:00	18:00	20:30	23:00
8:00 am			10:00 am	12:00 pm	4:00 pm	5:00 pm	6:00 pm	8:30 pm	11:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## SUNDAY • OCTOBER 18, 2020 CONTINUED

▼ ALL TIMES CDT\*

9:50AM-10:00AM **Prelude from South Asia Global Council Societies** | Auditorium10:00AM-11:30AM **GENERAL SESSION 4**  
**Hair Follicle Regeneration II and Implanters** | Auditorium**3' Moderator Introduction****MODERATOR****GS-034** Otavio Boaventura, MD | Brazil**CO-MODERATOR****GS-035** Marie A. Schambach, MD, FISHRS | Guatemala**20' Regenerative Medicine Approach for Hair Restoration****FEATURED GUEST SPEAKER****GS-036** Alexey Terskikh, PhD | USA**7' Hair Regeneration Using Adipose-Derived Stem Cell Constituent Extract in Androgenetic Alopecia****GS-037** Young-Sil Kim, MD | South Korea**5' Hair Follicle Stem Cells Activation with Poly(lactic Co Caprolactone Based Subdermal Implants in Androgenetic Alopecia****GS-038** Salome Vadachkoria, MD | Georgia**Panel Discussion****PANELISTS****GS-039** Carlos Clavel, PhD | Singapore**GS-040** Claire Higgins, PhD | United Kingdom**GS-041** Ander Izeta, PhD | Spain**GS-042** Francisco Jimenez, MD, FISHRS | Spain**IMPLANTERS SECTION****5' Development of a Multi-Implanter****GS-043** Moonkyu Kim, MD, PhD, FISHRS | South Korea**5' Hairvolution, Automation for Graft Management and Implantation****GS-044** William R. Rassman, MD | USA**7' State of Art: Sharp Implanter Technique – Achieving 1600 Grafts Implantation In 1 Hour, With Dense Packing Without Popping-Out****GS-045** Jae-Hyun Park, MD, PhD | South Korea**5' Development of a High Capacity Implanter****GS-046** Leila Bloch, MD, PhD | Brazil11:30AM-12:00PM **BREAK**12:00PM-1:00PM **ISHRS Annual General Membership Business Meeting** | ZOOM

## ISHRS ANNUAL GENERAL MEMBERSHIP BUSINESS MEETING

DATE	Sunday   October 18, 2020
TIME	12:30PM-1:00PM
MEETING PLATFORM	ZOOM registration information sent via email

**ISHRS Members are invited**

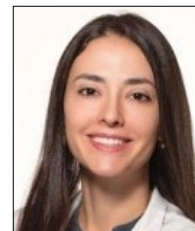
to join the ISHRS Annual General Membership Business Meeting. Service awards will be presented. There is a separate registration link for the Annual Business Meeting. The Annual Business Meeting will not be in the Virtual World Congress Platform, but rather, conducted as a Zoom meeting. The link was sent in an email to Voting Members. There is no fee to register. If you need the link resent, contact: [info@ishrs.org](mailto:info@ishrs.org).



O. Boaventura



M. Schambach



L. Bloch



C. Clavel



C. Higgins



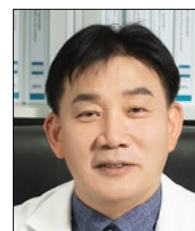
A. Izeta



F. Jimenez



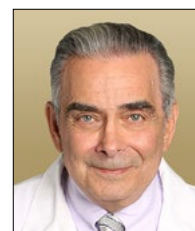
M. Kim



Y. Kim



J. Park



W. Rassman



A. Terskikh



S. Vadachkoria

GENERAL  
INDICATOR

	Los Angeles	CDT TIME Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
05:00		07:00	9:00	13:00	14:00	15:00	17:30	20:00
5:00 am		7:00 am	9:00 am	1:00 pm	2:00 pm	3:00 pm	5:30 pm	8:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## MONDAY • OCTOBER 19, 2020

▼ ALL TIMES CDT\*

6:30AM-1:00PM	<b>ISHRS Information Desk Live Hours</b>
7:00AM-8:30AM	<b>101: FOCUSED SESSION – The Art of Hairline Design: Male, Female, and Transgendered</b>   Auditorium
	<p><b>SESSION DESCRIPTION</b> Fluid, artistic hairline design is the key to elevating results for your patients. Knowledge of naturally occurring patterns in all genders can improve any surgeon's outcomes. This session will discuss methods and tricks for optimal hairline placement, review the state-of-the-art hairline design, and help to develop the skills needed to consistently deliver aesthetic excellence for your patients.</p> <p><b>LEVEL:</b> All Levels</p> <p><b>CO-DIRECTORS</b> Jeffrey S. Epstein, MD, FISHRS   USA and Mauro Speranzini, MD   Brazil</p>
7:00AM-7:05AM <b>FS-001</b>	<b>5' Introduction and Welcome</b> Jeffrey S. Epstein, MD, FISHRS   USA
7:05AM-7:10AM	<b>5' Poll Questions</b> Mauro Speranzini, MD   Brazil
7:10AM-7:20AM <b>FS-002</b>	<b>10' Design of the Male Hairline</b> Jeffrey S. Epstein, MD, FISHRS   USA
7:20AM-7:32AM <b>FS-003</b>	<b>12' Design of the Female Hairline</b> Jae-Hyun Park, MD, PhD   South Korea
7:32AM-7:42AM <b>FS-004</b>	<b>10' Design of the Transgender Hairline</b> Russell Knudsen, MBBS, FISHRS   Australia
7:42AM-7:55AM <b>FS-005</b>	<b>13' Questions and Answers</b> MODERATOR William R. Rassman, MD   USA
7:55AM-8:10AM <b>FS-006</b>	<b>15' Hairline Design- Live vs. Computer Simulation</b> Piero Tesauro, MD   Italy
8:10AM-8:19AM <b>FS-007</b>	<b>9' Who Designs the Hairline- Patient or Physician</b> Mauro Speranzini, MD   Brazil
8:19AM-8:26AM	<b>7' Questions and Discussion</b>
8:26AM-8:30AM <b>FS-008</b>	<b>4' Conclusions</b> Mauro Speranzini, MD   Brazil
8:00AM-11:00AM	<b>Exhibits Booth Staffed</b>   Exhibit Hall
8:30AM-9:00AM	<b>Fireside Chat: Hairline Design</b>   Fireside Chat



J. Epstein



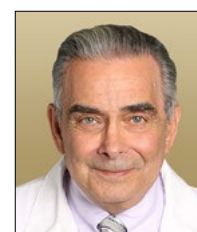
M. Speranzini



R. Knudsen



J. Park



W. Rassman



P. Tesauro



GENERAL  
INDICATOR

CDT TIME		Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
07:00			09:00	11:00	15:00	16:00	17:00	19:30	22:00
7:00 am			9:00 am	11:00 am	3:00 pm	4:00 pm	5:00 pm	7:30 pm	10:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## MONDAY • OCTOBER 19, 2020 CONTINUED

## ▼ ALL TIMES CDT\*

**9:00AM-10:30AM 102: FOCUSED SESSION – Eyebrows, Beard, and Body Hair**  
 | Auditorium

## SESSION DESCRIPTION

Hair transplantation on the scalp is only one aspect of our specialty. In the past decade, with the development of FUE, the number of surgeries involving scalp-to-eyebrow, body-to-beard, beard-to-head hair transplantation, as well as other combinations, have increased our ability to approach other areas besides the scalp. Each of these surgeries has unique technical issues and artistic considerations that beginners and accomplished surgeons need to learn. Join us for an in-depth exploration of body, brow, and beard transplantation using both FUT and FUE techniques, from some of the world's most experienced experts.

LEVEL: All Levels

## DIRECTOR

Henrique N. Radwanski, MD | Brazil

## CHAT MODERATOR

Marco N. Barusco, MD, FISHRS | USA

**9:00AM-9:02AM 2' Introduction and Welcome**  
 Henrique N. Radwanski, MD | Brazil

**9:02AM-9:07AM 5' Eyebrows: Aesthetic Importance and Design**  
 Sara M. Wasserbauer, MD, FISHRS | USA

**9:07AM-9:14AM 7' Eyebrow Restoration with the Long-Hair Approach**  
 José Rogério Régis, MD | Brazil

**9:14AM-9:21AM 7' Using the FUE Technique for the Eyebrow**  
 Gorana Kuka Epstein, MD, FISHRS | Serbia

**9:21AM-9:26AM 5' Discussion**  
 MODERATOR Marco N. Barusco, MD, FISHRS | USA

**9:26AM-9:31AM 5' BREAK**
**9:32AM-9:44AM 12' Beard Restoration with FUE**  
 Kapil Dua, MBBS, MS, FISHRS | India

**9:45AM-9:52AM 7' Beard Restoration with FUT**  
 Carlos Eduardo Leão, MD | Brazil

**9:53AM-9:58AM 7' Discussion**
**9:58AM-10:03AM 5' BREAK**
**10:03AM-10:10AM 5' The Beard as Donor Area**  
 José C. Muricy, MD | Brazil

**10:10AM-10:17AM 7' Potentials and Pitfalls of Body Hair Transplantation**  
 Pradeep K. Sethi, MD | India

**10:17AM-10:24AM 7' Reconstruction of the Eyebrow and Other Facial Areas**  
 Henrique N. Radwanski, MD | Brazil

**10:24AM-10:29AM 5' Discussion**
**10:29AM-10:30AM 2' Closing Remarks**
**10:30AM-11:00AM Fireside Chat: Body Hair** | Fireside Chat


H. Radwanski



M. Barusco



K. Dua



G. Kuka Epstein



C. Leão



J. Muricy



R. Régis



P. Sethi



S. Wasserbauer

GENERAL  
INDICATOR

CDT TIME		NEXT DAY					
Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
09:00	11:00	13:00	17:00	18:00	19:00	21:30	00:00
9:00 am	11:00 am	1:00 pm	5:00 pm	6:00 pm	7:00 pm	9:30 pm	12:00 am

\*CDT = Central Daylight Savings Time/ Chicago Time

## MONDAY • OCTOBER 19, 2020 CONTINUED

▼ ALL TIMES CDT\*

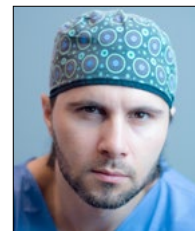
11:00AM-12:30PM	<b>103: FOCUSED SESSION – Basics of FUE: Types of Machines and Punches and When to Use Them</b>   Auditorium
	<p><b>SESSION DESCRIPTION</b> Follicular Unit Excision (FUE) is performed worldwide with as many variations in technique as there are practitioners. With this much variety, how do you incorporate the best and most effective FUE into your practice? This course will review the bare bones of FUE along with the main types of machines and punches, specialized equipment, and the current standards of care in the industry. Even if you have been doing FUE for a while, this session will be an invaluable way to explore other machines, equipment, and techniques to elevate and broaden the capabilities of your practice.</p> <p><b>LEVEL:</b> Beginner</p> <p><b>CO-DIRECTORS</b> Conradin von Albertini, MD, FISHRS   Switzerland and David S. Josephitis, DO, FISHRS   USA</p>
11:00AM-11:04AM FS-019 FS-020	<b>4' Introduction and Welcome</b> Conradin von Albertini, MD, FISHRS   Switzerland & David S. Josephitis, DO, FISHRS   USA
11:04AM-11:11AM FS-022	<b>7' FUE Basics and Best Practices</b> Bruno F. Ferreira, MD   Portugal
11:11AM-11:19AM FS-021	<b>8' Overview of FUE Devices</b> Conradin von Albertini, MD, FISHRS   Switzerland
11:19AM-11:26AM	<b>7' Discussion</b>
11:26AM-11:32AM FS-023	<b>6' Manual Punch-Use and Practical Tips</b> Emorane C. Lupanzula, MD   Belgium
11:32AM-11:37AM FS-024	<b>5' Motorized Sharp Punch-Use and Practical Tips</b> Bruno F. Ferreira, MD   Portugal
11:37AM-11:43AM	<b>6' BREAK</b>
11:43AM-11:48AM FS-025	<b>5' WAW Hybrid Device-Use and Practical Tips</b> David S. Josephitis, DO, FISHRS   USA
11:48AM-11:53AM FS-026	<b>5' Multiphasic Device-Use and Practical Tips</b> Conradin von Albertini, MD, FISHRS   Switzerland
11:53AM-12:02PM	<b>9' Discussion</b>
12:02PM-12:10PM FS-027	<b>8' Comparison of Devices-(pros/cons, costs, etc.)</b> David S. Josephitis, DO, FISHRS   USA
12:10PM-12:17PM FS-028	<b>7' Brief History of FUE and its Evolution</b> Emorane C. Lupanzula, MD   Belgium
12:18PM-12:23PM	<b>5' Sharing Experiences: Introducing New Devices</b> All Faculty
12:23PM-12:29PM	<b>6' Discussion</b>
12:29PM-12:30PM FS-029 FS-030	<b>1' Closing Remarks</b> Conradin von Albertini, MD, FISHRS   Switzerland & David S. Josephitis, DO, FISHRS   USA
12:30PM-1:00PM	<b>Fireside Chat: FUE Basics</b>   Fireside Chat



C. von Albertini



D. Josephitis



B. Ferreira



E. Lupanzula

GENERAL  
INDICATOR

CDT TIME		São Paulo	London	Rome	Athens	New Delhi	Beijing
Los Angeles	Chicago*						
05:00	07:00	9:00	13:00	14:00	15:00	17:30	20:00
5:00 am	7:00 am	9:00 am	1:00 pm	2:00 pm	3:00 pm	5:30 pm	8:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## TUESDAY • OCTOBER 20, 2020

▼ ALL TIMES CDT\*

6:30AM-1:00PM	<b>ISHRS Information Desk Live Hours</b>
7:00AM-8:30AM	<b>201: FOCUSED SESSION – Make it disappear! Surgical Scar Optimization and SMP for Any Hair Transplantation Technique</b>   Auditorium  <b>SESSION DESCRIPTION</b> Modern hair surgeons can confirm that scars in the donor area are one of the primary decision points a patient uses to choose a surgical method, and that unsightly scars are one of the most significant sources of patient dissatisfaction. This course will explore intra-operative methods for optimizing surgical scars and techniques for reducing scar visibility or treating suboptimal outcomes. Several methods will be explored including micropigmentation, surgical excision, injections, and wound healing products and protocols.  <b>LEVEL:</b> Intermediate  <b>CO-DIRECTORS</b> Akaki Tsilosani, MD, PhD, FISHRS   Georgia and Robert S. Haber, MD, FISHRS   USA
7:00AM-7:02AM	<b>2' Welcome &amp; Introduction</b> <b>FS-031</b> Robert S. Haber, MD, FISHRS   USA <b>FS-032</b> Akaki Tsilosani, MD, PhD, FISHRS   Georgia
7:03AM-7:31AM	<b>28' Part 1: How to Avoid Bad Scars</b> <b>FS-033</b> Alex Ginzburg, MD, FISHRS   Israel <b>FS-034</b> Robert S. Haber, MD, FISHRS   USA <b>FS-035</b> Marcelo Pitchon, MD   Brazil <b>FS-036</b> Antonio S. Ruston, MD   Brazil <b>FS-037</b> Akaki Tsilosani, MD, PhD, FISHRS   Georgia
7:31AM-7:41AM	<b>10' Questions and Answers</b>
7:41AM-7:57AM	<b>16' Part 2: How to Repair Bad Scars</b> <b>FS-038</b> Alex Ginzburg, MD, FISHRS   Israel <b>FS-039</b> Robert S. Haber, MD, FISHRS   USA <b>FS-040</b> Antonio S. Ruston, MD   Brazil <b>FS-041</b> Akaki Tsilosani, MD, PhD, FISHRS   Georgia
7:57AM-8:07AM	<b>10' Questions and Answers</b>
8:07AM-8:23AM	<b>16' Part 3: How to Hide Bad Scars</b> <b>FS-042</b> Alex Ginzburg, MD, FISHRS   Israel <b>FS-043</b> Robert S. Haber, MD, FISHRS   USA <b>FS-044</b> Antonio S. Ruston, MD   Brazil <b>FS-045</b> Akaki Tsilosani, MD, PhD, FISHRS   Georgia
8:23AM-8:30AM	<b>7' Final Questions and Answers and Wrap-up</b> <b>FS-046</b> Robert S. Haber, MD, FISHRS   USA
8:00AM-11:00AM	<b>Exhibits Booth Staffed</b>   Exhibit Hall
8:30AM-9:00AM	<b>Fireside Chat: Scar Optimization</b>   Fireside Chat



R. Haber



A. Tsilosani



A. Ginzburg



M. Pitchon



A. Ruston



GENERAL  
INDICATOR

	CDT TIME						
Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
07:00	09:00	11:00	15:00	16:00	17:00	19:30	22:00
7:00 am	9:00 am	11:00 am	3:00 pm	4:00 pm	5:00 pm	7:30 pm	10:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## TUESDAY • OCTOBER 20, 2020 CONTINUED

▼ ALL TIMES CDT\*

9:00AM-10:30AM

**202: FOCUSED SESSION – Delectable Injectables: PRP, Exosomes, and Stem Cells Scientific Updates** | Auditorium

## SESSION DESCRIPTION

Buoyed by popular demand, scalp injections to treat hair loss have experienced a boom across the world. We hear anecdotal reports of positive outcomes from colleagues. But what does the science support? Which treatments have proven efficacious (and by what standards), and what are the (proposed) mechanisms of action? This session offers “small bites” of all the “tastiest” new research and theories for injectable treatments for hair loss. Hear the panelists share information and debate the potential of these new possible therapies.

LEVEL: All Levels

## DIRECTOR

Gorana Kuka Epstein, MD, FISHRS | Serbia

## CHAT MODERATOR

Mario Marzola, MBBS | Australia

9:00AM-9:05AM

FS-047

**5' Introduction and Welcome**

Gorana Kuka Epstein, MD, FISHRS | Serbia

9:05AM-9:13AM

FS-048

**8' Autologous Cell-Based Therapy for Male and Female Pattern Hair Loss Using Dermal Sheath Cup Cells**

Jiro Kishimoto, PhD | Japan

9:13AM-9:20AM

FS-049

**7' Dermal Adipose Tissue Secretes HGF to Promote Human Hair Growth and Pigmentation**

Carina Nicu, PhD | USA

9:20AM-9:30AM

FS-050

**10' Not Every PRP is Born Equal: Defining Clinical PRP as the 2020 Standard**

Peter Everts, PhD | USA

9:30AM-9:35AM

**5' BREAK**

9:35AM-9:43AM

FS-051

**8' The Use of Exosomes in the Management of Androgenetic Alopecia/ Female Pattern Hair Loss**

Shadi Zari, MD | Saudi Arabia

9:43AM-9:50AM

FS-052

**7' Micro and Nano Fat in Treating Different Hair Loss Conditions**

Piero Tesaro, MD | Italy

9:50AM-9:55AM

**5' BREAK**

9:55AM-10:03AM

FS-053

**8' Common Myths About Stem Cells, Fat Grafting, and Nanofat**

Ramon Llull, MD, PhD | Spain

10:03AM-10:10AM

FS-054

**7' Stem Cells for Hair Loss: The Good, The Bad, and The Ugly**

Gorana Kuka Epstein, MD, FISHRS | Serbia

10:10AM-10:28AM

FS-055

**18' Discussion**

MODERATOR Mario Marzola, MBBS | Australia

10:28AM-10:30AM

**2' Closing Remarks**

10:30AM-11:00AM

**Fireside Chat: Injectables** | Fireside Chat

G. Kuka Epstein



P. Everts



J. Kishimoto



R. Llull



M. Marzola



C. Nicu



P. Tesaro



S. Zari

GENERAL  
INDICATOR

CDT TIME		NEXT DAY					
Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
09:00	11:00	13:00	17:00	18:00	19:00	21:30	00:00
9:00 am	11:00 am	1:00 pm	5:00 pm	6:00 pm	7:00 pm	9:30 pm	12:00 am

\*CDT = Central Daylight Savings Time/ Chicago Time

## TUESDAY • OCTOBER 20, 2020 CONTINUED

▼ ALL TIMES CDT\*

11:00AM-12:30PM **203: FOCUSED SESSION – Advanced & Challenging Surgical Cases**  
| Auditorium

## SESSION DESCRIPTION

Challenging cases require advanced techniques. This course will explore a range of complex cases including the surgical techniques that can be employed to treat them. A rapid-fire video format will show in detail how these techniques are accomplished interspersed with discussions detailing the advantages and disadvantages of each. Be prepared for intellectual stimulation and to exchange ideas with other surgeons.

LEVEL: Advanced

## CO-DIRECTORS

Emorane C. Lupanzula, MD | Belgium and  
Asim I. Shahmalak, MBBS, FISHRS | United Kingdom

11:00AM-11:05AM **5' Welcome & Introduction**  
FS-056 Emorane C. Lupanzula, MD | Belgium &  
FS-057 Asim Shahmalak, MBBS, FISHRS | United Kingdom

11:05AM-11:10AM **5' Megasections**  
FS-058 Christian Bisanga, MD | Belgium

11:10AM-11:15AM **5' Megasection Combining FUE & FUT**  
FS-059 Márcio Crisóstomo, MD, FISHRS | Brazil

11:15AM-11:20AM **5' Body Hair Transplant**  
FS-060 Anil Garg, MBBS, MS, MCh, FISHRS | India

11:20AM-11:25AM **5' Ethnicity - Asian Hair**  
FS-061 Jae-Hyun Park, MD, PhD | South Korea

11:25AM-11:35AM **10' Questions and Answers**

11:35AM-11:40AM **5' Ethnicity – Afro Hair**  
FS-062 Patrick Mwamba, MD | Belgium

11:40AM-11:45AM **5' Burn Case**  
FS-063 M. Humayun Mohmand, MD, FISHRS | Pakistan

11:45AM-11:52AM **7' Repair Work**  
FS-064 Antonio S. Ruston, MD | Brazil

11:52AM-11:57AM **5' Eyelashes**  
FS-065 Asim Shahmalak, MBBS, FISHRS | United Kingdom

11:57AM-12:03PM **6' Temple Points & Advanced Hair Loss**  
FS-066 Emorane C. Lupanzula, MD | Belgium

12:04PM-12:30PM **26' Discussion and Questions and Answers**

12:30PM-1:00PM **Fireside Chat: Advanced & Challenging Cases** | Fireside Chat



E. Lupanzula



A. Shahmalak



C. Bisanga



M. Crisostomo



A. Garg



M. Mohmand



P. Mwamba



J. Park



A. Ruston

GENERAL  
INDICATOR

CDT TIME		São Paulo	London	Rome	Athens	New Delhi	Beijing
Los Angeles	Chicago*						
05:00	07:00	9:00	13:00	14:00	15:00	17:30	20:00
5:00 am	7:00 am	9:00 am	1:00 pm	2:00 pm	3:00 pm	5:30 pm	8:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## WEDNESDAY • OCTOBER 21, 2020

▼ ALL TIMES CDT\*

6:30AM-1:00PM

**ISHRS Information Desk Live Hours**

7:00AM-8:30AM

**301: FOCUSED SESSION – Ditch the Clippers: Preview Long-hair and No-Shave FUE | Auditorium****SESSION DESCRIPTION**

Patients have always wanted to see their results immediately and have only reluctantly submitted to having their hair shaved as part of the hair transplantation process. With dedication and a little effort, it is possible to fulfill both of these patient goals and set your practice apart in a dramatic way. Learn the fundamentals of long hair preview from the originator himself and explore the options for “no-shave” FUE in your practice. Emphasis in this course will be placed on practical knowledge to perform these types of surgeries and the technical aspects of converting your surgical processes to accommodate these specialized techniques.

**LEVEL:** Advanced**CO-DIRECTORS**

Marcelo Pitchon, MD | Brazil and  
Ricardo Gomes de Lemos, MD | Brazil

**CHAT MODERATOR**

Akaki Tsilosani, MD, PhD, FISHRS | Georgia

7:00AM-7:05AM

**5' Introduction****FS-067**

Marcelo Pitchon, MD | Brazil and

**FS-068**

Ricardo Gomes de Lemos, MD | Brazil

7:05AM-7:17AM

**12' Preview Long Hair Transplantation Concepts Applied to FUE****FS-069**

Akaki Tsilosani, MD, PhD, FISHRS | Georgia

7:17AM-7:29AM

**12' Preview Long Hair FUE - Evolution from 2011 to 2020 and Beyond****FS-070**

Luis Roberto Trivellini, MD | Paraguay

7:29AM-7:41AM

**12' Preview Long Hair FUE for Beard and Eyebrow****FS-071**

Laura Caicedo Albarello, MD | Spain

7:41AM-7:53AM

**12' The Importance of Preview Long Hair Transplantation in Scalp, Beard, and Eyebrow FUE****FS-072**

Marie A. Schambach, MD, FISHRS | Guatemala

7:53AM-8:05AM

**12' Preview Long Hair FUE: When, Who, How, and Why****FS-073**

Jae-Hyun Park, MD, PhD, FISHRS | South Korea

8:05AM-8:30AM

**25' Questions and Answers**

8:30AM-9:00AM

**Fireside Chat: Preview Long-Hair FUE | Fireside Chat**

M. Pitchon



R. Lemos



L. Caicedo Albarello



J. Park



M. Schambach



L. Trivellini



A. Tsilosani



GENERAL  
INDICATOR

Los Angeles	CDT TIME		São Paulo	London	Rome	Athens	New Delhi	Beijing
	Chicago*							
07:00	09:00		11:00	15:00	16:00	17:00	19:30	22:00
7:00 am	9:00 am		11:00 am	3:00 pm	4:00 pm	5:00 pm	7:30 pm	10:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

WEDNESDAY • OCTOBER 21, 2020 CONTINUED

▼ ALL TIMES CDT\*

**9:00AM-10:30AM 302: FOCUSED SESSION – Implanters: Dull, Sharp, Multiple Needle, and How to Get Your Staff to Start Using Them | Auditorium**

**SESSION DESCRIPTION**

Implanter technology is in the process of revolutionizing graft placement. Even those practices that primarily rely on forceps for placing grafts can benefit from the new implanter designs. With all the new variety there is literally "something for everyone" in the hair transplant surgical community. This workshop will explore the specific benefits and drawbacks of each implanter design, including how they can best be integrated into individual practices.

**LEVEL:** All Levels**DIRECTOR**

Marie A. Schambach, MD, FISHRS | Guatemala

**CHAT MODERATOR**

Otavio Boaventura, MD | Brazil

**9:00AM-9:05AM 5' Introduction and Session Dynamics**  
Marie A. Schambach, MD, FISHRS | Guatemala

**9:05AM-9:12AM 7' Lion**  
Leoncio E. Moncada, MD | Venezuela

**9:12AM-9:19AM 7' Rainbow**  
Jae-Hyun Park, MD, PhD | South Korea

**9:19AM-9:26AM 7' Rainbow Blunt**  
Mauro Speranzini, MD | Brazil

**9:26AM-9:33AM 7' Mohebi Inserter**  
Parsa Mohebi, MD, FISHRS | USA

**9:33AM-9:40AM 7' Keep Inserter**  
Antonio S. Ruston, MD | Brazil

**9:41AM-9:48AM 7' Questions and Answers**  
MODERATOR Otavio Boaventura, MD | Brazil

**9:48AM-9:50AM 2' Polls**  
Marie A. Schambach, MD, FISHRS | Guatemala

**9:50AM-9:57AM 7' WAW Inserter**  
Jean M. Devroye, MD, FISHRS | Belgium

**9:57AM-10:04AM 7' T-Fast**  
Luis Roberto Trivellini, MD | Paraguay

**10:04AM-10:11AM 7' INRUT**  
Moonkyu Kim, MD, PhD, FISHRS | South Korea

**10:11AM-10:18AM 7' Reel Multi**  
William R. Rassman, MD | USA

**10:18AM-10:26AM 8' Questions and Answers**  
Moderator: Otavio Boaventura, MD | Brazil

**10:26AM-10:28AM 2' Polls**  
Marie A. Schambach, MD, FISHRS | Guatemala

**10:28AM-10:30AM 2' Wrap-up**  
Marie A. Schambach, MD, FISHRS | Guatemala

**10:30AM-11:00AM Fireside Chat: Implanters | ZOOM**  
*NOTE:* This Fireside Chat will take place via Zoom.  
Attendees will have the choice to attend a room on simple implanters or multimplanters. See agenda in virtual conference center for specific links.



M. Schambach



O. Boaventura



J. Devroye



M. Kim



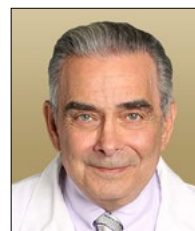
P. Mohebi



L. Moncada



J. Park



W. Rassman



A. Ruston



M. Speranzini



L. Trivellini

GENERAL  
INDICATOR

GENERAL INDICATOR	CDT TIME						NEXT DAY
	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi
	09:00	11:00	13:00	17:00	18:00	19:00	21:30
	9:00 am	11:00 am	1:00 pm	5:00 pm	6:00 pm	7:00 pm	9:30 pm
							12:00 am

\*CDT = Central Daylight Savings Time/ Chicago Time

## WEDNESDAY • OCTOBER 21, 2020 CONTINUED

## ▼ ALL TIMES CDT\*

**11:00AM-12:30PM 303: FOCUSED SESSION – Design Your Own Research Project: Tips on Writing Clinical Trials, Protocols, and Abstracts | Auditorium**

## SESSION DESCRIPTION

Are you “Featured Speaker” material? Do you have interesting observations but lack the know-how to put them into published data form? This workshop will explore the “path to the podium” through sound scientific study design so you can test and prove your ideas in a way that measures up to the most rigorous statistician’s T-test. It will also cover how to create clearly written abstracts, so your data is more likely to be chosen for publication or presentation at a medical meeting like the ISHRS World Congress. This is a must-attend for those in a fellowship program or involved in training our next generation of hair medicine specialists.

LEVEL: All Levels

## CO-DIRECTORS

Marco N. Barusco, MD, FISHRS | USA and  
Dow B. Stough, MD | USA

**11:00AM-11:10AM 10' Terminology of Clinical Trials**  
**FS-086** Marco N. Barusco, MD, FISHRS | USA

**11:10AM-11:20AM 10' ICH and GCP's: What's That Got to do With Me?**  
**FS-087** Dow B. Stough, MD | USA

**11:20AM-11:30AM 10' Transforming an Idea into a Good Research Project**  
**FS-088** Jerry E. Cooley, MD, FISHRS | USA

**11:30AM-11:45AM 15' Discussion and Questions and Answers**

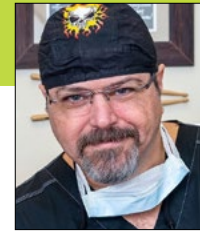
**11:45AM-11:55AM 10' How to Compose a Research Grant Proposal**  
**FS-089** Greg Williams, MBBS, FISHRS | United Kingdom

**11:55AM-12:05PM 10' Reporting Research Results: Badly Designed Studies and Ethical Considerations**  
**FS-090** Aditya Gupta, MD, PhD, FISHRS | Canada

**12:05PM-12:15PM 10' The ISHRS Research Grant Process: Tips to Get Your Protocol Funded**  
**FS-091** Carlos J. Puig, DO, FISHRS | USA

**12:15PM-12:30PM 15' Discussion and Questions and Answers**

**12:30PM-1:00PM Fireside Chat: Research Design | Fireside Chat**



M. Barusco



D. Stough



J. Cooley



A. Gupta



C. Puig



G. Williams

## THURSDAY • OCTOBER 22, 2020

▼ ALL TIMES CDT\*

\*CDT = Central Daylight Savings Time/ Chicago Time

6:30AM-7:30AM **ISHRS Information Desk Live Hours**  
 6:30PM-7:30PM

**CSI Discussion Groups | ZOOM**

CSI authors will be available for questions & answers in one of 9 unique breakout groups/topics broken into the two sessions below. The groups in each session will run simultaneously. Attendees will select which group they wish to attend. They may come in and out of several groups, as they like. Each group will have a moderator. CSI authors assigned to a group will be prepared to answer questions from the moderator or the audience. (This concept is a combination of our prior "Coffee with the Experts" and a formal Poster defense session.)

See pages 29-30 of this program for a list of CSI presentations.

**SEE PAGES 29-30**

CSI Discussion Groups will take place via Zoom.

Zoom specific links will be posted in the Agenda within the ISHRS Virtual Conference Center and in the daily email to attendees.

GENERAL INDICATOR	CDT TIME							
	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
	05:00 5:00 am	07:00 7:00 am	9:00 9:00 am	13:00 1:00 pm	14:00 2:00 pm	15:00 3:00 pm	17:30 5:30 pm	20:00 8:00 pm

7:00AM-8:00AM

**CSI Discussion Group 1****DISCUSSION MODERATORS****A Surgical Techniques I**

**GS-047** Jean M. Devroye, MD, FISHRS | Belgium  
**GS-048** James A. Harris, MD, FISHRS | USA

**B Non-Surgical or Medical Therapies, Including Stem Cells and Non-AGA Hair Loss**

**GS-049** Jerry E. Cooley, MD, FISHRS | USA  
**GS-050** Ken Washenik, MD, PhD, FISHRS | USA

**C Complications and Improving Graft Survival and Avoiding Poor Graft Growth**

**GS-051** Ricardo Mejia, MD | USA  
**GS-052** Piero Tesaro, MD | Italy

**D Consultation & Evaluation, Ethical Issues, and Staffing, Organization, and Efficiency**

**GS-053** Aman Dua, MBBS, MD, FISHRS | India  
**GS-054** Tina M. Lardner | USA  
**GS-055** Emina K. Vance | USA

GENERAL INDICATOR	CDT TIME							
	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
	17:00 5:00 pm	19:00 7:00 pm	21:00 9:00 pm	01:00 1:00 am	02:00 2:00 am	03:00 3:00 am	05:30 5:30 am	08:00 8:00 am

7:00PM-8:00PM

**CSI Discussion Group 2****DISCUSSION MODERATORS****E Surgical Techniques II**

**GS-056** Paul T. Rose, MD, JD, FISHRS | USA  
**GS-057** Luis Roberto Trivellini, MD | Paraguay

**F Anesthesia/Sedation**

**GS-058** Sharon A. Keene, MD, FISHRS | USA  
**GS-059** David Perez-Meza, Lt Col Rtd, MD, FISHRS | Mexico & Spain

**G Flaps, Reductions, Expansion and Artistry & Aesthetics**

**GS-060** Ronald L. Shapiro, MD, FISHRS | USA  
**GS-061** James E. Vogel, MD, FISHRS | USA

**H Other**

**GS-062** Robert T. Leonard, Jr., DO, FISHRS | USA  
**GS-063** Ken L. Williams, Jr., DO, FISHRS | USA

**I Donor Harvesting & Donor Closure**

**GS-064** Paul J. McAndrews, MD, FISHRS | USA  
**GS-065** Arthur Tykocinski, MD, FISHRS | Brazil



GENERAL INDICATOR	CDT TIME							
	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
	05:00 5:00 am	07:00 7:00 am	9:00 9:00 am	13:00 1:00 pm	14:00 2:00 pm	15:00 3:00 pm	17:30 5:30 pm	20:00 8:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## FRIDAY • OCTOBER 23, 2020

▼ ALL TIMES CDT\*

7:00AM-8:00AM **Ancillary Meeting: ABHRS President's Reception 2020 | ZOOM**



You are cordially Invited to the 2020 ABHRS Presidents Reception!

Open to ABHRS members only, join us right after the general session on Friday October 23rd 10-11am CST. We hope to have representation from ALL of our Diplomates' 37 countries around the world!

We will have awards, raffles, camaraderie and business so bring the beverage of your choice, wear the hat of your native region (there will be a prize for the best!) and help us all miss each other a little less.

To register for this meeting contact the ABHRS at [info@abhers.org](mailto:info@abhers.org).

9:00AM-10:00AM **Ancillary Meeting: SILATC Annual Assembly | ZOOM**



Interested participants should contact Gabriela Hernández through her WhatsApp: +502-664-368-7237. Once verified, a Zoom invitation will be sent.



GENERAL  
INDICATOR

	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
06:00		08:00	10:00	14:00	15:00	16:00	18:30	21:00
6:00 am		8:00 am	10:00 am	2:00 pm	3:00 pm	4:00 pm	6:30 pm	9:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## SATURDAY • OCTOBER 24, 2020

▼ ALL TIMES CDT

7:30AM-8:30AM

**ISHRS Information Desk Live Hours**

7:50AM-8:00AM

**Prelude from Thailand & Australasian Global Council Societies**  
| Auditorium

8:00AM-9:30AM

**GENERAL SESSION 5**  
**Non-Surgical Treatment and Scarring Alopecia** | Auditorium

### 3' Moderator Introduction

MODERATOR

**GS-066** Paul C. Cotterill, MD, FISHRS | Canada

CO-MODERATOR

**GS-067** Nilofer P. Farjo, MBChB, FISHRS | United Kingdom

### NON- SURGICAL SECTION

#### 5' Finasteride Dosing in The Face of Exogenous Testosterone. Does It Need to Change?

**GS-068** Vikram Jayaprakash, BM | Australia

#### 5' Finasteride Effect or Real Results?

**GS-069** Antonio S. Ruston, MD | Brazil

#### 5' Photobiomodulation: Hope or Hype?

**GS-070** Sara M. Wasserbauer, MD, FISHRS | USA

#### 5' Finasteride Use in Trans Patients Undergoing Surgical Hair Restoration

**GS-071** Christine Shaver, MD | USA

### SCARRING ALOPECIA SECTION

#### 7' Consultative Scalp Evaluation in Hair Transplant Surgery: Evaluation for Scarring Alopecia

**GS-072** Mark A. Waldman, MD | USA

#### 7' The Incidence of Lichen Planopilaris in Hair Transplant Consultations

**GS-073** Aron Nusbaum, MD | USA

#### 7' How to Select a Good Frontal Fibrosing Alopecia (FFA) Candidate for Hair Transplantation

**GS-074** Ratchathorn Panchaprateep, MD, PhD, FISHRS | Thailand

#### 5' Secondary Cicatricial Alopecia; New Approach for Implantation Using LAMFUT Technique

**GS-075** Ahmed A. Youssef, MD, PhD | Spain

### Panel Discussion

PANELISTS

**GS-076** Gholamali Abbasi, MD, FISHRS | Iran

**GS-077** Jeff Donovan, MD, PhD | Canada

**GS-078** Nicole E. Rogers, MD, FISHRS | USA

9:30AM-10:00AM

**BREAK**



P. Cotterill



N. Farjo



G. Abbasi



J. Donovan



V. Jayaprakash



A. Nusbaum



R. Panchaprateep



N. Rogers



A. Ruston



C. Shaver



M. Waldman



S. Wasserbauer



A. Youssef



GENERAL  
INDICATOR

	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
	08:00	10:00	12:00	16:00	17:00	18:00	20:30	23:00
	8:00 am	10:00 am	12:00 pm	4:00 pm	5:00 pm	6:00 pm	8:30 pm	11:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## SATURDAY • OCTOBER 24, 2020 CONTINUED

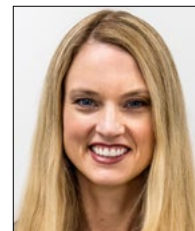
## ▼ ALL TIMES CDT\*

9:50AM-10:00AM **Prelude from East Asia Global Council Societies** | Auditorium10:00AM-11:30AM **GENERAL SESSION 6**  
**The Patient** | Auditorium**3' Moderator Introduction****MODERATOR****GS-079** Russell Knudsen, MBBS, FISHRS | Australia**CO-MODERATOR****GS-080** Greg Williams, MBBS, FISHRS | United Kingdom**STOUGH LECTURE****23' What Patients Say, What Doctors Hear  
(and Vice Versa)****FEATURED GUEST SPEAKER****GS-081** Danielle Ofri, MD, PhD | USA**11' PL (Progressive Loss) Risk Scale****GS-082** Dow B. Stough, MD | USA**7' Impact of Hair Transplant on Depression in Patients with AA****GS-083** Bruce Reith, MD, PhD | Germany**25' Problem/Difficult Patients- Role playing****GS-084** Jennifer Krejci, MD | USA

R. Knudsen



G. Williams



J. Krejci



D. Ofri



B. Reith



D. Stough



GENERAL INDICATOR	CDT TIME		NOTE LOCAL TIME CHANGE					
	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
	06:00 6:00 am	08:00 8:00 am	10:00 10:00 am	13:00 1:00 pm	14:00 2:00 pm	15:00 3:00 pm	18:30 6:30 pm	21:00 9:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## SUNDAY • OCTOBER 25, 2020

## ▼ ALL TIMES CDT\*

7:30AM-11:00AM **ISHRS Information Desk Live Hours**7:50AM-8:00AM **Prelude from North America Global Council Societies** | Auditorium8:00AM-9:30AM **GENERAL SESSION 7**  
**Tissue Regeneration and Best Miscellaneous Abstracts** | Auditorium

## 3' Moderator Introduction

## MODERATOR

GS-085 Samuel M. Lam, MD, FISHRS | USA

## CO-MODERATOR

GS-086 Bessam K. Farjo, MBChB, FISHRS | United Kingdom

## ADVANCES IN HAIR BIOLOGY LECTURE

## 20' Groups of Hair Follicles Regenerate as a Spreading Wave

## FEATURED GUEST SPEAKER

GS-087 Maksim Plikus, PhD | USA

## 7' Transplantation of Cycling Hair Follicles Remodels Human Scars

GS-088 Francisco Jimenez, MD, FISHRS | Spain

## Panel Discussion

## PANELISTS

GS-089 Carlos Clavel, PhD | Singapore

GS-090 Luis Garza, MD, PhD | USA

GS-091 Claire Higgins, PhD | United Kingdom

GS-092 Ander Izeta, PhD | Spain

## BEST MISCELLANEOUS ABSTRACTS SECTION

## 7' Algorithm of Facial Hair Restoration in a Caucasian Male Population

GS-093 Anastasios Vekris, MD | Greece

## 6' Botulinum Toxin Therapy for Acute and Chronic Pain Following Hair Transplant Surgery

GS-094 Samuel M. Lam, MD, FISHRS | USA

## 6' Transitioning a FUE practice to Include FUT: Follicular Unit Excision of Grafts Within the Excised Ellipse

GS-095 Sharon A. Keene, MD, FISHRS | USA

## 5' The New Era of Hair Transplantation Consultation (AI)

GS-096 Mbaraka Ljohiy, MD | Turkey

## 6' Graft Placement in Hair Reconstructive Surgery

GS-097 Felix Popescu, MD | Romania

## 6' Hair in the Time of Coronavirus

GS-098 Jeffrey S. Epstein, MD, FISHRS | USA

## 5' Air Sampling for Bioaerosolization of Blood and Skin Tissues During Motorized FUE

GS-099 James A. Harris, MD, FISHRS | USA

9:00AM-11:00AM **Last Chance to View Exhibits** | Exhibit Hall9:30AM-10:00AM **BREAK**

S. Lam



B. Farjo



C. Clavel



J. Epstein



L. Garza



J. Harris



C. Higgins



A. Izeta



F. Jimenez



S. Keene



M. Ljohiy



M. Plikus



F. Popescu



A. Vekris

GENERAL INDICATOR	CDT TIME		NOTE LOCAL TIME CHANGE					
	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
	08:00 8:00 am	10:00 10:00 am	12:00 12:00 pm	15:00 3:00 pm	16:00 4:00 pm	17:00 5:00 pm	20:30 8:30 pm	23:00 11:00 pm

\*CDT = Central Daylight Savings Time/ Chicago Time

## SUNDAY • OCTOBER 25, 2020 CONTINUED

### ▼ ALL TIMES CDT\*

9:50AM-10:00AM **Prelude from Ibero-America Global Council Societies** | Auditorium

10:00AM-11:30AM **GENERAL SESSION 8**  
**Open Dialogue- Congress Best Topics**  
**Open Discussion** | Auditorium

**MODERATORS**  
**GS-100** Robert S. Haber, MD, FISHRS | USA  
**GS-101** Dow B. Stough, MD | USA

10:00AM-10:30AM **COVID Pandemic HRS • Long Hair FUE • PRP/ACell/AFP**

**PART 1 PANELISTS**  
**GS-102** David S. Josephitis, DO, FISHRS | USA  
**GS-103** Marcelo Pitchon, MD, Brazil  
**GS-104** Robin Unger, MD | USA  
**GS-105** Greg Williams, MBBS, FISHRS | United Kingdom

10:30AM-11:00AM **Facial/Body Hair Transplants • FUE Punches • Stem Cells/Exosomes**

**PART 2 PANELISTS**  
**GS-106** Nilofer P. Farjo, MBChB, FISHRS | United Kingdom  
**GS-107** Sharon A. Keene, MD, FISHRS | USA  
**GS-108** Paul T. Rose, MD, JD, FISHRS | USA  
**GS-109** Ken Washenik, MD, PhD, FISHRS | USA

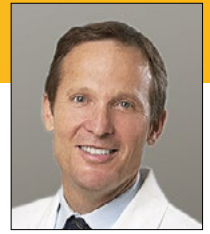
11:00AM-11:30AM **FUE Devices • Implanters • SMP**

**PART 3 PANELISTS**  
**GS-110** William R. Rassman, MD | USA  
**GS-111** Marie A. Schambach, MD, FISHRS | Guatemala  
**GS-112** Mauro Speranzini, MD | Brazil  
**GS-113** Sara M. Wasserbauer, MD, FISHRS | USA

11:30AM-12:00PM **AWARDS CEREMONY** | ZOOM



R. Haber



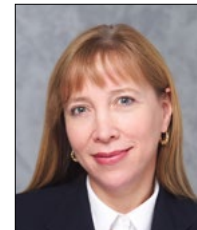
D. Stough



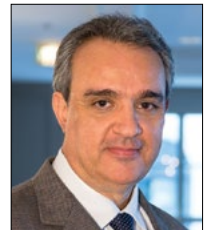
N. Farjo



D. Josephitis



S. Keene



M. Pitchon



W. Rassman



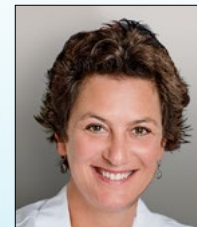
P. Rose



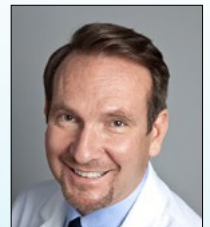
M. Schambach



M. Speranzini



R. Unger



K. Washenik



S. Wasserbauer



G. Williams

GENERAL INDICATOR	CDT TIME		NOTE LOCAL TIME CHANGE				NEXT DAY	
	Los Angeles	Chicago*	São Paulo	London	Rome	Athens	New Delhi	Beijing
	09:30	11:30	13:30	16:30	17:30	18:30	22:00	00:30
	9:30 am	11:30 am	1:30 pm	4:30 pm	5:30 pm	6:30 pm	10:00 pm	12:30 am

\*CDT = Central Daylight Savings Time/ Chicago Time

# 2020 AWARDS CEREMONY

Join Us



DATE	Sunday   October 25, 2020
TIME	11:30AM-12:00PM
FEE	No extra fee required.
MEETING PLATFORM	ZOOM registration information sent via email

Grab a cocktail or mocktail and join us from your living room for a virtual presentation of the ISHRS Awards Ceremony on Sunday | October 25, 2020, at 11:30AM-12:00PM CDT.

ISHRS physicians, surgical assistants, office staff, family and friends are invited to join us for a virtual Awards Ceremony to formally conclude our congress.

During this time the ISHRS Golden and Platinum Follicle Awards will be presented!

The Awards Ceremony will be conducted as a Zoom Meeting, and all registered Congress attendees, as well as any of the ISHRS membership, will be able to see each other and celebrate!



PLEASE REGISTER YOURSELF, OFFICE STAFF, FRIENDS AND FAMILY IN ADVANCE:  
Please email [info@ishrs.org](mailto:info@ishrs.org) for registration information.

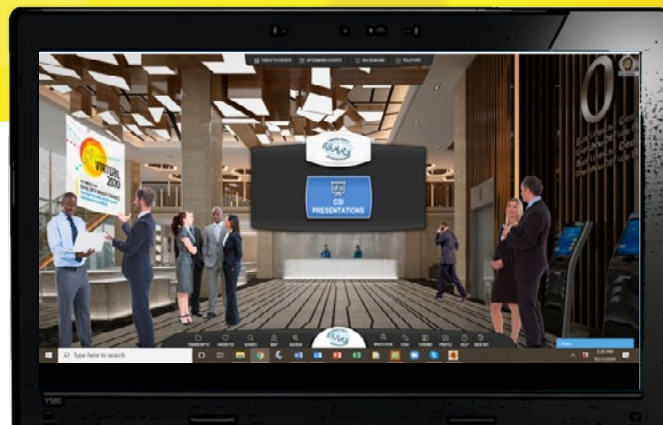
*After registering, you will receive a confirmation email containing information about joining the ceremony.*



# CASES STUDIES & INNOVATIONS (CSI) PRESENTATIONS

## ON DEMAND PRESENTATIONS

These presentations are selected from submitted abstracts on various topics. Each CSI has prepared their presentation in either a pre-recorded video, poster PDF, or both. Attendees may view the CSI presentations at their leisure once the platform opens on Oct. 12. Each CSI page has a running chat, so the attendees may ask questions or provide comments. The CSI author may respond and provide comments in the chat as well. (Similar to a poster defense session in an in-person meeting.)



THURSDAY • OCTOBER 22, 2020

▼ ALL TIMES CDT\*

### CSI Discussion Groups | ZOOM

7:00AM-8:00AM	<b>CSI Discussion Group 1</b>	<p>CSI authors will be available for questions &amp; answers in one of 9 unique breakout groups/topics broken into the two sessions.</p> <p>The groups in each session will run simultaneously and attendees may select which group they wish to attend.</p> <p><b>SEE PAGES 22 for more details!</b></p>
	<p><b>A</b> Surgical Techniques I</p> <p><b>B</b> Non-Surgical or Medical Therapies, Including Stem Cells and Non-AGA Hair Loss</p> <p><b>C</b> Complications and Improving Graft Survival and Avoiding Poor Graft Growth</p> <p><b>D</b> Consultation &amp; Evaluation, Ethical Issues, and Staffing, Organization, and Efficiency</p>	
7:00PM-8:00PM	<b>CSI Discussion Group 2</b>	
	<p><b>E</b> Surgical Techniques II</p> <p><b>F</b> Anesthesia/Sedation</p> <p><b>G</b> Flaps, Reductions, Expansion and Artistry &amp; Aesthetics</p> <p><b>H</b> Other</p> <p><b>I</b> Donor Harvesting &amp; Donor Closure</p>	

ANESTHESIA/SEDATION		ARTISTRY AND AESTHETICS		CONSULTATION AND EVALUATION	
2 F	<b>CSI-001</b> Cannula Assisted Transdermal (CAT) Anesthesia: A Novel Approach to Donor and Recipient Area Anesthesia  Taleb Barghouthi, MD   Jordan	2 G	<b>CSI-007</b> What are the Important Factors in Making a Natural Looking Hair Transplant in Advance Cases  M. Humayun Mohmand, MD, FISHRS   Pakistan	1 D	<b>CSI-011</b> Grading the Donor Area And Safe Donor Area Profiling In Patients With Androgenetic Alopecia  Muthuvel Kumaresan, MBBS, MD   India
2 F	<b>CSI-002</b> Using Hypnosis as the Sole Anesthesia for Hair Restoration Surgery, the First Case Report  Golnaz Lotfi, MD   Iran	<b>COMPLICATIONS</b>		1 D	<b>CSI-012</b> Progressive Loss Risk Scale - PL Risk Scale  Dow B. Stough, MD   USA
2 F	<b>CSI-003</b> Nerve Supply to Scalp, How to Anaesthetise Scalp for Procedure  M. Humayun Mohmand, MD, FISHRS   Pakistan	1 C	<b>CSI-008</b> Localized Telogen Effluvium of the Donor Area After Hair Transplant Surgery: Features and Evolution in 12 Patients  Alba Gómez-Zubiaur, MD   Spain	<p>SEE NEXT PAGE FOR MORE PRESENTATIONS</p> <p>▼</p>	
2 F	<b>CSI-004</b> A New Nerve Block Technique for Hairline and Implantation Area  Özgür Öztan, MD, PhD   Turkey	1 C	<b>CSI-009</b> Overharvesting and Damage to Donor Areas in FUE Hair Transplant: A Case Presentation  Navdeep Goyal, MBBS, DNB   India		
2 F	<b>CSI-005</b> Study of 100 Cases of Nitrous Oxide Sedation During Local Anesthesia in FUE Hair Transplant  Harshit Ranpara, MD   India	1 C	<b>CSI-010</b> Development of Alopecia Areata after Platelet-Rich Plasma Injection for Female Pattern Hair Loss: A Case Report  Daranporn Triwongwanarat, MD   Thailand		
2 F	<b>CSI-006</b> Study of 50 Cases of Intraoral Blocks in Beard Hair Transplant  Harshit Ranpara, MD   India				

DONOR HARVESTING AND DONOR CLOSURE	
<b>2 I</b>	<b>CSI-013</b> FUE - Evaluation of Follicle Transection Locations and its True Impact on Follicle Survival and Hair Diameter Index (HDI) Values James A. Harris, MD, FISHRS   USA
<b>2 I</b>	<b>CSI-014</b> Quick Donor Hair Preparation in Non-Shaven FUE Kongkiat Laorwong, MD, FISHRS   Thailand
<b>2 I</b>	<b>CSI-015</b> A Challenging Factor for FUE Graft Extraction: 'Sebaceous Gland Hypertrophy' Cagatay Sezgin, MD   United Arab Emirates
<b>2 I</b>	<b>CSI-016</b> A Method of Reducing the Size of FUE Wounds Using Surgical Skin Glue (Cyanoacrylate) Hanjong Shin, MD   China
<b>2 I</b>	<b>CSI-017</b> COVID-19 Era: Is There Any Aerosol Production During FUE harvesting? Rattapon Thuangtong, MD   Thailand

ETHICAL ISSUES	
<b>1 D</b>	<b>CSI-018</b> Does the Cost Really Matter / Decide the Ethics / Quality of Work of A Clinic. Time to Introspect Our Approach and Policies Navdeep Goyal, MBBS, DNB   India

FLAPS, REDUCTIONS, EXPANSION	
<b>2 G</b>	<b>CSI-019</b> The Role of Tissue Expansion and Non-Transplant Scalp Surgery in Hair Restoration Jeffrey S. Epstein, MD, FISHRS   USA
<b>2 G</b>	<b>CSI-020</b> Staged Reconstruction for Extensive Irregular Cicatricial Alopecia After Burn Songjia Tang, MD   China
<b>2 G</b>	<b>CSI-021</b> Large Scale Scalp Hair Restoration in Cicatricial Alopecia: A Case Report Liang Wang, MD   China

IMPROVING GRAFT SURVIVAL AND AVOIDING POOR GRAFT GROWTH	
<b>1 C</b>	<b>CSI-022</b> Comparative Pivot Study of 2 Holding Solutions at Different Temperatures: Ringer Lactate at 4°C Seems to be Superior Than Hypothermosol Jose de la Lama, MD, MBA, PhD   Spain

NON-AGA HAIR LOSS	
<b>1 B</b>	<b>CSI-023</b> Cunitis Verticis Gyrate: Presentation of a Severe Case and Correction Using Multiple Modalities Jerry E. Cooley, MD, FISHRS   USA

NON-SURGICAL OR MEDICAL THERAPIES	
<b>1 B</b>	<b>CSI-024</b> Autologous Adipose Tissue Grafting for Androgenetic Alopecia Hiroshi Fujimaki, MD   Japan
<b>1 B</b>	<b>CSI-025</b> The Relative Efficacies of Non-surgical Monotherapies Indicated for Treatment of Male and Female Androgenetic Alopecia: A Network Meta-analyses, and Critical Appraisal, of Randomized Trials Aditya Gupta, MD, PhD, FISHRS   Canada
<b>1 B</b>	<b>CSI-026</b> The Efficacy of Platelet-Rich Plasma Therapy in Male and Female Androgenetic Alopecia Aditya Gupta, MD, PhD, FISHRS   Canada

<b>1 B</b>	<b>CSI-027</b> The Role of Photobiomodulation for Amplifying the Effects of PRP, Exosomes, and Medications in the Treatment of Hair Loss Robert S. Haber, MD, FISHRS   USA
<b>1 B</b>	<b>CSI-028</b> Role of Nutrition in Hair Loss Due to Stress Rajendrasingh Rajput, MS, MCh   India
<b>1 B</b>	<b>CSI-029</b> Role of Nutrients in Hair Pattern Loss With Normal Androgens Rajendrasingh Rajput, MS, MCh   India
<b>1 B</b>	<b>CSI-030</b> PRP and ACell Injection Therapy Efficacy: A Retrospective Analysis of 150 Patients Sara M. Wasserbauer, MD, FISHRS   USA

OTHER	
<b>2 H</b>	<b>CSI-031</b> Effect of Hair Restoration Surgery on the Scalp Sensitivity Muhammad Ahmad, MBBS   Pakistan
<b>2 H</b>	<b>CSI-032</b> Follicular Unit Grafts Contain More Catagen Than Telogen Follicles: An Unexpected Finding That Challenges Previous Dogma Francisco Jimenez, MD, FISHRS   Spain
<b>2 H</b>	<b>CSI-033</b> The "Hairline Consent Form" Robert Jones, MD, CCFP, FISHRS   Canada
<b>2 H</b>	<b>CSI-034</b> Repair of Female Pubic Hypotrichosis With Follicular Unit Extraction Jufang Zhang, MD   China

STAFFING, ORGANIZATION AND EFFICIENCY	
<b>1 D</b>	<b>CSI-035</b> A Novel Database for FUE and FUT Hair Transplant Surgery Scott Asher, MD   USA

SURGICAL TECHNIQUES	
<b>2 E</b>	<b>CSI-036</b> Hairline Lowering Surgery Combined with Hair Transplantation Paisit Bunsiripaiboon, MD   Thailand
<b>1 A</b>	<b>CSI-037</b> FUE on Consecutive Days - A Systematization to Treat Cases of Extensive Baldness Veruska De Biagi, MD   Brazil
<b>1 A</b>	<b>CSI-038</b> Why to Choose FUE Method for Female Hair Transplant Surgery Christine Graf Guimarães, MD   Brazil
<b>2 E</b>	<b>CSI-039</b> Long Hair FUE Jae Hyun Park, MD, PhD   South Korea
<b>1 A</b>	<b>CSI-040</b> Using Aminocaproic Acid During FUE Procedures Akaki Tsilosani, MD, PhD, FISHRS   Georgia
<b>2 E</b>	<b>CSI-041</b> An Analysis of the Effect of Torque and RPM on FUE Harvest Aniketh Venkataram, MBBS, MS, MCh   India
<b>1 A</b>	<b>CSI-042</b> Beard to Beard FUE Ummer Yaseen, MD   India
<b>2 E</b>	<b>CSI-043</b> New Method of Pre-Trimming in Non-Shaven FUE Hwa Jung Yoo, MD   South Korea

## NORWOOD LECTURER



### Angela M. Christiano, PhD

*Professor, Departments of Dermatology and Genetics & Development; Vice-Chair and Director of Research, Department of Dermatology, Columbia University, New York, NY, USA*

The major focus of Dr. Christiano's research is the study of inherited skin and hair disorders in humans and mice, through a classical genetic approach including identification and phenotyping of disease families, genetic linkage, gene discovery and mutation analysis, and functional studies relating these findings to basic questions in epidermal biology.

Her interests include transcriptional regulation of hair cycling and differentiation, the biology of cadherin-mediated cell adhesion junctions known as desmosomes, and the morphogenesis of epidermal appendages such as hair and teeth. A long-range goal of her work is to develop genetic and cell-based therapies for skin and hair diseases through understanding disease pathogenesis. She is using epithelial reprogramming as a therapeutic approach for inherited skin diseases.

For the past 20 years, Prof. Angela Christiano's research has focused on understanding the molecular processes that lead to inherited skin and hair disorders in humans. Her research career began with the discovery of genetic mutations associated with epidermolysis bullosa, a skin disease that causes severe blistering. Dr. Christiano's recent work has focused on the investigation of the underlying genetic causes of and identification of potential therapies for alopecia areata, an autoimmune form of hair loss. She has published more than 300 papers in peer-reviewed journals and has trained more than 50 postdoctoral researchers and clinical fellows at Columbia University through the Program in Genetics & Development, the Institute of Human Nutrition, the Integrated Program in Cellular, Molecular and Biomedical Studies in the Graduate School of Arts & Sciences, the Clinical and Translational Science Award Program, the Stem Cell Training Program.

Dr. Christiano has received numerous awards, including the New York City Mayor's Award for Excellence in Science and Technology – Young Investigator's Award, Columbia University's Harold and Golden Lampert Research Award for Excellence in Clinical Sciences, the CERES Research Award, and the (North) American Hair Research Society's award for Outstanding Paper of the Year, the Montagna Award from the Society for Investigative Dermatology, and the Ebling Award from the European Hair Research Society. Dr. Christiano is a Past President of the Society for Investigative Dermatology, and served as Deputy Editor of the Journal of Investigative Dermatology for ten years. Dr. Christiano is a prolific inventor and serial entrepreneur, having filed numerous patents on her discoveries, and successfully moved technologies from the academic setting into the commercial sector. She has co-founded several companies in the dermatology space, including Skinetics Bioscience (RNAi-based dermatology therapeutics, acquired by Sirna Therapeutics, which was acquired by Merck & Co. in 2007), Vixen Pharmaceuticals (JAK inhibitors for treatment of hair disorders, acquired by Aclaris Therapeutics in 2016), and Rapunzel Bioscience, focused on regenerative therapies and stem cell approaches for skin and hair disorders. She earned her MS and PhD degrees in Microbiology and Molecular Genetics from Rutgers University.

**Prof. Christiano will speak on,  
"3-D Bioprinting and In-Vitro Hair Follicle Formation"**

### ABOUT THE NORWOOD LECTURESHIP

The Norwood Lectureship pays tribute to O'Tar Norwood, MD, an Oklahoma physician who had a long and successful career in dermatology. At the time of writing his first book on Hair Transplant Surgery in 1973, he was Clinical Assistant Professor of Dermatology at the University of Oklahoma Medical School, USA. Amongst other things he was a Founding Member of American Society for Dermatologic Surgery and with Dr. Dow Stough he was instrumental in gathering like-minded doctors in 1992 to form the ISHRS. O'Tar was a restless thinker who brought together people and ideas to explain the MPHL process. His letters and communications were so numerous that he started a magazine called the Hair Transplant Forum International. It grew very quickly and became so popular that everyone wanted to read it and contribute articles. Soon after, O'Tar donated the magazine to the ISHRS. Its descendant is the ever-popular Forum we read today. O'Tar continued to publish and teach at our conferences for many years. His name is etched in our history. Those who knew O'Tar fondly remember the informal moments after lectures where his wit and joy for life were wonderful to share. He would welcome all with his cheeky warm smile.



O'Tar T. Norwood



## STOUGH LECTURER

**Danielle Ofri, MD, PhD**

*Clinical Professor of Medicine,  
NYU School of Medicine, New York, NY, USA*

Despite modern medicine's infatuation with high-tech gadgetry, the single most powerful tool in the medical armamentarium is the doctor-patient conversation. This deceptively simple tool can achieve the lion's share of diagnosis and a surprising amount of the treatment. However, what patients say and what doctors hear (and vice versa) are often two vastly different things.

Dr. Ofri's presentation will examine whether

refocusing the doctor-patient conversation can actually lead to better outcomes.

Danielle Ofri, MD, PhD, is one of the foremost voices in the medical world today, shining an unflinching light on the realities of healthcare and speaking passionately about the doctor-patient relationship. She writes about medicine and the doctor-patient connection for the New York Times, Slate Magazine, and other publications.

Danielle is co-founder and Editor-in-Chief of the Bellevue Literary Review, the first literary journal to arise from a medical setting. She is the author of a collection of books about the world of medicine. Dr. Ofri has given TED talks on "Deconstructing Perfection" and "Fear: A Necessary Emotion", and has also performed stories for the Moth. She is featured in the upcoming documentary: "Why Doctors Write."

In lieu of going to the gym, she spends most evenings wrestling with the Bach cello suites, routinely bested by a guy who's been dead for 270 years. She strives for a serene, uncluttered life of Zen, but has three teenagers instead. <https://danielleofri.com/>

**Dr. Ofri will speak on,  
"What Patients Say, What Doctors Hear"**

**ABOUT THE STOUGH LECTURESHIP**

The Stough Lectureship recognizes an individual with vision and a demonstrated passion for education. Established in 2019, the Stough Lecture honors ISHRS Co-founder Dow Stough, MD, who in the early 1990's recognized that the fractured, chaotic, and often secretive world of hair restoration needed an anchor. The founding of the ISHRS in 1993 brought order to chaos, turned competitors into colleagues, and created an educational organization that has changed the face and improved the outcomes of hair restoration throughout the world. A very well respected dermatologist from Hot Springs, Arkansas, USA, Dr. Stough was one of the earliest proponents of follicular unit transplantation and natural looking hairlines, and his focus on innovation and teaching is evidenced by Dow being the youngest President, Program Chair, Golden Follicle Award winner, and Manfred Lucas Award winner in ISHRS history. He is a true leader and his contagious enthusiasm has inspired and motivated many hair transplant surgeons. His knack for encouraging colleagues – newcomers and old-timers alike – to get involved, share knowledge, and ask questions, is perhaps his greatest legacy.



Dow B. Stough

## ADVANCES IN HAIR BIOLOGY LECTURER



### Maksim Plikus, PhD

*Editor, Experimental Dermatology;  
Associate Professor, Department  
of Developmental & Cell Biology  
University of California Irvine,  
Irvine, CA, USA*

The Plikus Laboratory for Developmental and Regenerative Biology is interested to understand how complex tissues and organs regenerate under normal conditions and in

response to injury or disease. One goal is to understand how thousands of stem cells coordinate their activities with one another. Another goal is to understand the natural limits of stem cell plasticity in response to tissue injury.

Dr. Plikus received his PhD degree in Pathology from the University of Southern California, where he worked with Dr. Cheng-Ming Chuong and carried out studies on the mechanism of hair stem cell regeneration. Later he joined Dr. George Cotsarelis at the University of Pennsylvania to work on the wound regeneration. Dr. Plikus is currently an Assistant Professor in the Department of Developmental and Cell Biology at the University of California, Irvine.

**Dr. Plikus will speak on,**

***“Groups of Hair Follicles Regenerate as a Spreading Wave”***

THE ADVANCES IN HAIR BIOLOGY LECTURE

is generously supported by a grant from BOSLEY.

## GUEST LECTURER



### Alexey Terskikh, PhD

*Associate Professor of Neuroscience,  
Developmental Biology and Aging  
Program, Sanford-Burnham Medical  
Research Institute, La Jolla, CA, USA*

Dr. Terskikh's lab pioneered the approach that enables differentiation of human induced pluripotent stem cells (iPSCs) into folliculogenic dermal papilla cells (DPCs) and three-dimensional biodegradable scaffold.

Alexey Terskikh earned his PhD at the University of Lausanne, Switzerland in 1996, in the laboratory of Prof. J.P. Mach, where he designed a new type of high-avidity recombinant molecule called Peptabody. He received postdoctoral training with Prof. Irving Weissman at Stanford University, where he discovered a common genetic program between hematopoietic and neural stem cells. Dr. Terskikh holds an Assistant Professor position in the Brain and Mind Institute at EPFL in Lausanne, Switzerland (2002-2006) and was recruited to SBP as Adjunct Assistant Professor in 2002 and as a full time Assistant Professor in 2006.

**Dr. Terskikh will speak on,**

***“Regenerative Medicine Approach for Hair Restoration”***

# THANK YOU, FACULTY!

**We truly appreciate your willingness to learn alongside us as we created the first ever Virtual World Congress of the ISHRS. Your expertise in the planning, preparation, and presentation of material is instrumental to the success of the World Congress!**

Gholamali Abbasi, MD, FISHRS | Iran  
 Daniel Aberdam, PhD | France  
 Muhammad Ahmad, MBBS | Pakistan  
 Laura Caicedo Albarello, MD | Spain  
 Conradin von Albertini, MD, FISHRS | Switzerland  
 Scott Asher, MD | USA  
 Taleb Barghouthi, MD | Jordan  
 Marco N. Barusco, MD, FISHRS | USA  
 Christian Bisanga, MD | Belgium  
 Leila Bloch, MD, PhD | Brazil  
 Otavio Boaventura, MD | Brazil  
 Paisit Bunsiripaiboon, MD | Thailand  
 Angela Christiano, PhD | USA  
 Maxim Chumak, MD | USA  
 Carlos Clavel, PhD | Singapore  
 Jerry E. Cooley, MD, FISHRS | USA  
 Paul C. Cotterill, MD, FISHRS | Canada  
 Márcio Crisóstomo, MD, FISHRS | Brazil  
 Veruska De Biagi, MD | Brazil  
 Jose de la Lama, MD, MBA, PhD | Spain  
 Jean M. Devroye, MD, FISHRS | Belgium  
 Jeff Donovan, MD, PhD | Canada  
 Aman Dua, MBBS, MD, FISHRS | India  
 Kapil Dua, MBBS, MS, FISHRS | India  
 Gorana Kuka Epstein, MD | Serbia  
 Jeffrey S. Epstein, MD, FISHRS | USA  
 Peter Everts, PhD | USA  
 Bessam K. Farjo, MBChB, FISHRS | United Kingdom  
 Nilofer P. Farjo, MBChB, FISHRS | United Kingdom  
 Bruno F. Ferreira, MD | Portugal  
 Hiroshi Fujimaki, MD | Japan  
 Anil Garg, MBBS, MS, MCh, FISHRS | India  
 Luis Garza, MD, PhD | USA  
 Alex Ginzburg, MD, FISHRS | Israel  
 Alba Gómez-Zubiaur, MD | Spain  
 Navdeep Goyal, MBBS, DNB | India  
 Christine Graf Guimarães, MD | Brazil  
 Aditya Gupta, MD, PhD, FISHRS | Canada  
 Robert S. Haber, MD, FISHRS | USA  
 James A. Harris, MD, FISHRS | USA  
 Claire Higgins, PhD | United Kingdom  
 Ander Izeta, PhD | Spain  
 Vikram Jayaprakash, MD | Australia

Francisco Jimenez, MD, FISHRS | Spain  
 Robert Jones, MD, FISHRS | Canada  
 David S. Josephitis, DO, FISHRS | USA  
 Sharon A. Keene, MD, FISHRS | USA  
 Moonkyu Kim, MD, PhD, FISHRS | South Korea  
 Young-Sil Kim, MD, PhD | South Korea  
 Jiro Kishimoto, PhD | Japan  
 Russell Knudsen, MBBS, FISHRS | Australia  
 Jennifer Krejci, MD | USA  
 Muthuvel Kumaresan, MBBS, MD | India  
 Samuel M. Lam, MD, FISHRS | USA  
 Tina M. Lardner | USA  
 Kongkiat Laorwong, MD, FISHRS | Thailand  
 Carlos Eduardo Leão, MD | Brazil  
 Ricardo Gomes de Lemos, MD | Brazil  
 Robert T. Leonard, DO, FISHRS | USA  
 Mbaraka Ljohiy, MD | Turkey  
 Ramon Llull, MD, PhD | Spain  
 Golnaz Lotfi, MD | Iran  
 Emorane C. Lupanzula, MD | Belgium  
 Jennifer Martinick, MBBS, FISHRS | Australia  
 Paul J. McAndrews, MD, FISHRS | USA  
 Ricardo Mejia, MD | USA  
 Parsa Mohebi, MD, FISHRS | USA  
 Mohammad Humayun Mohmand, MD, FISHRS | Pakistan  
 Leoncio E. Moncada, MD | Venezuela  
 José C. Muricy, MD | Brazil  
 Patrick Mwamba, MD | Belgium  
 Carina Nicu, PhD | USA  
 Aron Nusbaum, MD | USA  
 Danielle Ofri, MD, PhD | USA  
 Özgür Öztan, MD, PhD | Turkey  
 Ratchathorn Panchaprateep, MD, PhD, FISHRS | Thailand  
 Jae-Hyun Park, MD, PhD | South Korea  
 David Perez-Meza, Lt Col Rtd, MD, FISHRS | Spain & Mexico  
 Marcelo Pitchon, MD | Brazil  
 Maksim Plikus, PhD | USA  
 Felix Popescu, MD | Romania  
 Carlos J. Puig, DO, FISHRS | USA  
 Henrique N. Radwanski, MD | Brazil  
 Rajendrasingh Rajput, MS, MCh | India  
 Harshit Ranpara, MD, DVD | India  
 William R. Rassman, MD | USA

Jose Rogério Régis, MD | Brazil  
 Bruce Reith, MD, PhD | Germany  
 Nicole E. Rogers, MD, FISHRS | USA  
 Paul T. Rose, MD, JD, FISHRS | USA  
 Antonio S. Ruston, MD | Brazil  
 Marie A. Schambach, MD, FISHRS | Guatemala  
 Pradeep K. Sethi, MD | India  
 Cagatay Sezgin, MD | United Arab Emirates  
 Asim Shahmalak, MBBS, FISHRS | United Kingdom  
 Ronald L. Shapiro, MD, FISHRS | USA  
 Christine Shaver, MD | USA  
 Hanjong Shin, MD | South Korea  
 Mauro Speranzini, MD | Brazil  
 Dow B. Stough, MD | USA  
 Songjia Tang, MD | China  
 Alexey Terskikh, PhD | USA  
 Piero Tesaro, MD | Italy  
 Rattapon Thuangtong, MD | Thailand  
 Luis Roberto Trivellini, MD | Paraguay  
 Daranporn Triwongwaranat, MD | Thailand  
 Robert True, MD, MPH, FISHRS | USA  
 Akaki Tsilosani, MD, PhD, FISHRS | Georgia  
 Arthur Tykocinski, MD, FISHRS | Brazil  
 Robin Unger, MD | USA  
 Salome Vadachkoria, MD | Georgia  
 Emina Vance | USA  
 Anastasios Vekris, MD | Greece  
 Aniketh Venkataram, MBBS, MS, | India  
 James E. Vogel, MD, FISHRS | USA  
 Mark Waldman, MD | USA  
 Liang Wang, MD | China  
 Ken Washenik, MD, PhD, FISHRS | USA  
 Sara M. Wasserbauer, MD, FISHRS | USA  
 Greg Williams, MBBS, FISHRS | United Kingdom  
 Ken L. Williams, Jr., DO, FISHRS | USA  
 Bradley R. Wolf, MD, FISHRS | USA  
 Ummer Yaseen, MD | India  
 Hwa Jung Yoo, MD | South Korea  
 Ahmed A. Youssef, MD, PhD | Spain  
 Shadi Zari, MD | Saudi Arabia  
 Jufang Zhang, MD | China  
 Georgios Zontos, MD, PhD, FISHRS | Denmark



## You are invited

to visit the technical exhibit show at the ISHRS 28th World Congress, presented virtually. Companies of interest to hair restoration surgeons will be displaying their products and services. Representatives will be available to answer questions.

### LIVE EXHIBIT HOURS

▼ ALL TIMES CDT\*

SATURDAY • OCTOBER 17	9:30AM-1:00PM
SUNDAY • OCTOBER 18	9:30AM-1:00PM
MONDAY • OCTOBER 19	8:00AM-11:00AM
TUESDAY • OCTOBER 20	8:00AM-11:00AM
SUNDAY • OCTOBER 25	9:00AM-11:00AM

times when the exhibit representatives are staffing their booths



### PRIVATE CHAT

is available using the blue box in the lower right corner of the screen (not on the exhibits tool bar shown below). This can be a text, voice or video chat. You can search/click attendees here and send private messages.

## HOW TO VISIT

### the virtual exhibit booths

- ▼ From the Main Lobby, navigate to the Exhibit Hall (either from the map or by using the teleport button on the top tool bar). You may also click on the banner ads to go directly to those exhibitors' booths.
- ▼ This will take you to the **Exhibit Hall Lobby**, where you click on **Exhibitor Directory**.
- ▼ The **Exhibitor Directory** will show you an alphabetical listing of all exhibit booths. When you click on a booth, you will see their description on the right side of the screen. To visit that booth, **click the Visit Booth button** that appears in the upper right corner of the description. Note **there is also a search field** in the Exhibitor Directory where you can search all exhibitors by key words.
- ▼ This brings you into their **exhibit booth**, where you can:
  - **Scroll** left to right to see their full booth, which includes videos, documents and hyperlinks on their products and services.
  - **Engage with the company representatives** using the tool bar.

If you would like further information from the exhibitor, be sure to "give them your business card" by offering your email address and/or phone number for follow up in the private chat or via the question button.

## HOW TO

### communicate with the exhibitors

### TOOL BAR

When you are finished visiting an exhibitor, click on the **MORE BOOTHS** button to visit other exhibitors.

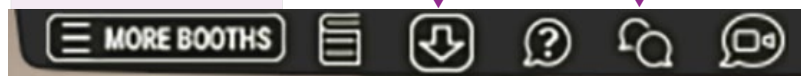
**CONTACT INFORMATION BUTTON** to see the names and email addresses of the booth representatives.

**QUESTION BUTTON** to start a private conversation with the exhibitor via email.

**VIDEO CHAT BUTTON** to open the video chat feature. This will open a video chat tab where up to 20 people can join the video call.

**DOWNLOADS BUTTON** to see additional downloads that may not appear visually in the booth.

**GROUP CHAT BUTTON** to chat by text with the exhibitor representatives as well as other attendees currently in the booth.



### ATTENDEE DUE DILIGENCE

An exhibitor's participation in the World Congress is not an endorsement by the ISHRS of the exhibitor, its products or services, or information provided by the exhibitor. ISHRS makes no representations or warranties regarding any exhibitor or its products or services. An attendee's decision to purchase and use an exhibitor's product or service is at the attendee's sole risk. Due to the international nature of the World Congress, exhibitors from many countries exhibit at the World Congress.

It is the responsibility of each attendee to practice due diligence and evaluate an exhibitor's products or services to determine whether the exportation, importation, licensing, or use of an exhibitor's products or services is consistent with the law and medical rules, standards, and ethics applicable to the attendee.

The following is a list of exhibiting companies, listed in alphabetical order by company name.



### 212Medikal

İkitelli OSB, ESKOOP Sanayi Sitesi  
C4-2 Block, No 146 Basaksehir  
Istanbul, 34306 TURKEY  
Phone: +905333701782  
sales@212medical.com.tr  
www.212medical.com.tr

Thomas Paternoster, International Sales Director

*212Medikal is a manufacturer of hair transplant medical instruments to assist surgeons around the world. With its own innovative factory and expert craftsmen, 212Medikal currently exports to 32 countries and is also an industry leader in Turkey.*



### BML Medical LLC

300 Baytree Drive  
Melbourne, FL 32940 USA  
Phone: +1-321-272-3368  
marcos.bloch@bml-medical.com  
www.BML-MEDICAL.com  
Marcos D. Bloch, Company Co-Founder

*BML is a new company that started with the development of a High Capacity Implanter, called HCL, capable of implanting 3 Follicular Units by use of 3 simultaneous needles insertion at every implanter application. BML also offers the BML Single Needle Implanter and several Pre-Incision Tools.*



### Devroye Instruments LLC

109 W. 112th Street, Apt. 66  
New York, NY 10026 USA  
Phone: +3228807064  
Fax: +00322807061  
info@waw-fue.com  
www.devroyeinstruments.com  
Jean Devroye, MD, CEO

*WAW FUE System (foot pedal, motor, handpiece), Hybrid Tornado Punches, punch support boxes, punch cleaner, WAW Implanters.*



### A to Z Surgical

25 Plant Avenue  
Hauppauge, NY 11788 USA  
Phone: +1-516-849-3936  
Fax: +1-631-273-6199  
kenny@georgetiemann.com  
www.atozsurgical.com  
Kenny Moriarty, Vice President

*SAFE F.U.E. system plus instrumentation and accessories for FUE, FUT and Wireless Hair Follicular-scope for iPads.*



### Cesare Ragazzi Laboratories

Via Benini, 11  
Zola Predosa, 40069 ITALY  
Phone: +39 051-755407  
stefanoospitali@cesareragazzi.com  
www.cesareragazzi.com  
Stefano Ospitali, CEO

*Custom made hair & scalp prosthesis, full or partial, also in combination with hair transplant. Trichological products lines for scalp and hair.*



### Dr. Ethos

Tomtom Mah, Nuri Ziya Sok, No. 16, Kat 5, Beyoglu  
Istanbul, 34433 TURKEY  
Phone: +90-543-970-4787  
mehmetcan@drethos.com  
www.drethos.com  
Mehmetcan Kotil, Project Analyst

*Dr Ethos-HT is a hair transplant consultation chatbot based on AI and ML algorithms. It has four modules; chatbot consultation, free questions, video consultation and CRM panel. The aim of Dr Ethos-HT is to increase efficiency for HT Doctors, provide 24/7 online virtual HT consultation for the patients, keep all the data secure and compliant with GDPR.*



### American Board of Hair Restoration Surgery

8840 Calumet Avenue, Suite 205  
Munster, IN 46321 USA  
Phone: +1-219-836-5858  
Fax: +1-219-836-5525  
info@abhers.org  
www.abhrs.org  
Peter B. Canalia, Executive Director

*The American Board of Hair Restoration Surgery examines & certifies qualified surgeons and seeks to establish specialty standards regarding a surgeon's skill, knowledge & aesthetic judgment in the specialty of Hair Restoration Surgery.*



### Curallux

1715 NW 82 Avenue  
Miami, FL 33126 USA  
Phone: +1-786-888-6249  
fmbrea@curallux.com  
www.curallux.com  
Frances M. Piña-Brea, Chief Marketing Officer

*Capillus® is a leading ISO-13485 certified US medical-device manufacturer of various models of photobiomodulating devices which are FDA-Cleared for the treatment of androgenetic alopecia. Capillus laser therapy is clinically proven with published results. Also offering the Cap+ Volumizing Keratin Brush.*



### Dr. U Devices, Inc.

2121 N. Sepulveda Blvd, #200  
Manhattan Beach, CA 90266 USA  
Phone: +1-310-318-1500  
Fax: +1-310-318-1590  
info@ugraft.com  
www.ugraft.com  
Dione Del Signore

*Dr.UGraft Zeus™ is the newest hair transplant system from Dr. Sanusi Umar. Designed to optimize the hair transplant procedure. It is an innovative tool with a more straightforward way the hair is extracted. Meaning better and higher quality grafts.*



### Ellis Instruments, Inc.

4 B Elmer Street  
Madison, NJ 07940 USA  
Phone: +1-973-593-9222 or  
toll-free at +1-800-218-9082  
Fax: +1-973-593-9277  
ellisinstruments.cellis@gmail.com  
www.ellisinstruments.com  
Chuck Ellis, President

*Concierge Service for all of your Hair Restoration Instrumentation since 1995.*



### HairMax

1040 Holland Drive  
Boca Raton, FL 33487 USA  
Phone: +1-561-314-2430 x119  
grant@hairmax.com  
www.hairmax.com  
Grant Gunderson, Director of Professional Sales  
*Laser devices for hair loss.*



### LeadM Corporation

6F, 893-2  
Bangbae-dong, Seocho-gu  
Seoul, 06616 SOUTH KOREA  
Phone: +82-10-5492-1010  
Fax: +82-2-6008-6112  
teleekr@gmail.com  
www.hairscience.co.kr  
Terry Lee, Manager  
*Folipen, Mohebi inserter, Hwang's implanter, Choi implanter and hair density, caliber calculator, Folliscope, hair loss care solutions.*



### Ertip Medical

Halide Edip Adivar Mah. Akar Street  
No:38 Floor: 3 Door No.:8  
Istanbul, 34382 TURKEY  
Phone: +90 2122103220  
info@ertipmedical.com  
www.ertipmedical.com  
Mrs. Busra Eryigit Gul,  
International Sales & Marketing Manager

*All kinds of FUE Surgical Instruments such as sharp and serrated FUE Punches, Motorized FUE System, Implanters Forceps, Beds & Amp; Chairs, Surgical Tables and Lights. With our products a hair transplant surgical room can easily be set up.*



### INRUT

2, Nongong-ro 117-gil, Buk-ri, Dalseong-gun  
Daegu, 42984 SOUTH KOREA  
Phone: +82-53-615-1110  
rnd@ohdae.com  
www.inrut.co.kr  
Jhonny (JEON, Hyojun), Assistant Manager  
*INRUT by Ohdae Metal Co., Ltd. is a multi-hair transplanter, which can be equipped with 10 hair follicles at a time, reduces the number of replacements of the transplanter by one-tenth compared to the hair transplanter equipped with only one follicle at a time.*



### Magna Medical

Oruc reis mah vadi cad, No. 232/2  
Esenler  
Istanbul, TURKEY  
Phone: +90-542-8252600  
deniz@magna-medical.com  
www.magna-medical.com  
Arif Deniz Kosdemir, GM  
*FUE punches, Keep implanters.*



### Finishing Touches Portfolio

Unit 6, Bridge Road Business Park  
Haywards Heath, RH16 1TX UNITED KINGDOM  
Phone: +01444414744  
gemma@finishingtouchesgroup.com  
www.finishingtouchesgroup.com  
Dawn Forshaw, CEO

*Scalp/hair loss micropigmentation training academy and global distributor for machines & amp; inks/pigments.*



### LaserCap Company

26 Alpha Park  
Cleveland, OH 44143 USA  
Phone: +1-440-241-1846  
Fax: +1-860-201-1846  
mirabin@laserlap.us  
www.laserlap.com  
Michael Rabin, MD, MBA, CEO  
*As the original technology of its kind, LaserCap® has perfected the delivery of prescription-strength laser therapy for hair regrowth in a light-weight and flexible cap that illuminates hair follicles with high-energy pulsed red laser light.*



### Mediquip Surgical

350 Rhode Island Street, Suite 240  
San Francisco, CA 94103 USA  
Phone: +1-415-673-0906  
info@mediquipsurgical.com  
www.mediquipsurgical.com  
Claudia Riechmann  
*Instruments for hair restoration.*





### Metapharm Co., Ltd.

#306, 212, 1 gong-dan-ro  
Gyeongsankbuk-do, Gumi-si SOUTH KOREA  
Phone: +82-10-3211-3798  
goodnal@naver.com  
www.metapharm.co.kr  
Byon Jun Seob, General Manager  
KNU implanter & FUE Device.



### Scharf Instruments

Millet Cad No: 84  
Karagül Is Merkezi D:117  
Istanbul, TURKEY  
Phone: +49 176 34165802  
atif@scharfmed.com  
www.scharfmed.com  
Muhammad Atif, Managing Director

*A product variety such as FUE Punches, FUE Forceps, Implanter, Sapphire Blades and Micro motors and uncompromising engagement with quality, are good reasons our company today enjoys such an excellent reputation worldwide and sells its products in all continents to more than 95 countries.*

TRIVELLINI

### Trivellini

Alfredo Seiferheld #5315  
Asuncion, 1414 PARAGUAY  
Phone: +595992316840  
info@trivellinitech.com  
www.trivellinitech.com  
Ronald Benitez, CEO

*The Trivellini System is a device in the field of FUE surgery. This device incorporates technological improvements in electronics and materials to achieve high levels of performance.*

NUTRAFOL®

### Nutrafol

136 Madison Avenue  
New York, NY 10016 USA  
Phone: +1-888-454-3320  
partners@nutrafol.com  
http://pro.nutrafol.com/

*Nutrafol offers clinically effective hair supplements that improve hair growth, and visible thickness with less shedding by multi-targeting root causes of thinning hair such as stress, hormones, environment, metabolism, and nutrition using medical grade, bio-optimized ingredients that support whole body health from within.*

SmartGraft®  
THE SMART CHOICE FOR HAIR RESTORATION

### SmartGraft by Vision Medical, Inc.

46 Regency Plaza  
Glen Mills, PA 19342 USA  
Phone: +1-610-680-7676  
Fax: +1-610-616-5702  
office@smartgraft.com  
www.smartgraft.com  
Cynthia Rager, President

*SmartGraft® FUE with closed harvesting canister system keeps harvested grafts chilled & hydrated. Our graft preservation technology & reduction in harvesting times allows donor grafts the optimal chance of regrowth for better patient outcome.*



### Zavimed Hair Restoration Supplies

Architronlaan 2-60  
Hedel, 5321JJ NETHERLANDS  
Phone: +31(0)182-235037  
ramey.van.zetten@zavimed.com  
www.zavimed.com  
Ramey van Zetten, General Director

*EU supplier of everything you need to perform high quality hair restoration surgery. Among other: Lion Implanters, FUE Forceps, ATPv Holding Solutions, FUE Punches, Cut-to-Size Blades, and many more.*



### Robbins Instruments, Inc.

232 Main Street  
Chatham, NJ 07928 USA  
Phone: +1-973-635-8972 or  
toll-free at +1-800-206-8649  
Fax: +1-973-635-8732  
george@robbinsinstruments.com  
www.robbinsinstruments.com  
George Mulvaney, President

*Complete line of Swiss Jewelers Forceps, FUE Punches, Implanters and instruments for Hair Restoration Surgery.*



### Tejco Vision

404, Amore Commercial Premises  
Junction of 2nd & 4th Road, Khar West  
Mumbai, 400052 INDIA  
Phone/Whatsapp: +91- 9820546190  
+91-98200 96283  
contactus@tejcovision.com  
www.tejcovision.com  
Shradha Mordani, Partner

*Asia's speciality hair restoration biomedical brand equips clinics worldwide with finest quality FUE extractors & punches, implanters, forceps, scalp micro-pigmentation, etc. instruments, devices and training.*

## ISHRS VIRTUAL CONFERENCE CENTER

▼ ALL TIMES CDT\*

OPENS	MONDAY • OCTOBER 12	11:00AM
CLOSES	SUNDAY • OCTOBER 25	12:00PM
ON-DEMAND ACCESS EXHIBITS	THRU NOVEMBER 25, 2020 1 MONTH POST CONGRESS	
ON-DEMAND ACCESS EDUCATION	THRU JANUARY 25, 2021 3 MONTHS POST CONGRESS	



## ISHRS VIRTUAL CONFERENCE CENTER WEBSITE

<https://ishrs.simcita.com/>

### LOGIN INFORMATION

**Email Address:** Use the same email address used during congress registration

**Password:** Your password has been emailed to you. You may reset your password when enter the virtual conference center.

Those attending the ISHRS Virtual World Congress have the opportunity to participate in on-demand and live educational sessions, visit the virtual exhibit hall, connect with colleagues, and have fun!

The congress will consist of both on-demand and live education sessions. All live sessions will be recorded and made viewable 24 hours after recording.

### LIVE SESSIONS

The following session will be conducted live:

- Welcome Drink & Platform Orientation | Auditorium & then Zoom
- General Sessions | Auditorium
- Focused Sessions | Auditorium
- General Business Meeting | Zoom
- CSI Discussion Groups | Zoom
- Awards Ceremony | Zoom

\*Zoom links will be provided via email and in the virtual conference center when possible.

## HOW TO PARTICIPATE IN LIVE EDUCATIONAL SESSIONS

### Virtual Conference Center

#### QUESTIONS

During live educational sessions in the *Auditorium*, submit questions to the speakers using the *Questions and Answers* button. These questions will be reviewed by the moderators and answered live during the session when possible.

#### CONVERSATIONS

Participants may also chat with each other within the individual sessions by using the *Conversations* button in the virtual auditorium.

Both the *Question and Answers* and *Conversations* buttons can be found on the left side of the screen in the Auditorium of the virtual conference center.

To submit your question:

- Click on *Questions and Answers* on the left side of the screen in the virtual auditorium.
- Type out your question and indicate for which speaker, if applicable.
- Click *Submit* when complete.

#### ZOOM

During Zoom meeting components of the Congress, attendees may ask questions in the Chat or by raising their virtual hand in the Participants box.

## HOW TO BUILD YOUR PERSONAL SCHEDULE

- 1 Click on *Agenda* on the bottom navigation bar.
- 2 Then click *Upcoming Events* to view events.
- 3 Register for the sessions you plan to attend. Completing this step adds the session to *My Schedule*. Note: *My Schedule* only populates on the day of the session.
- 4 Create a calendar invite for Outlook by clicking on the calendar icon to the right of the faculty names.

## FAVORITES

Click on the heart icon next to any session or pre-recorded content and that can be found in *Favorites*.

*Favorites* can accessed from the bottom tool bar, or in *My Office*.

## ON DEMAND

On demand education during the ISHRS Virtual World Congress will consist of:

- Cases, Studies, and Innovations (CSI) Presentations
- Recordings of the live sessions

### Cases, Studies, and Innovations (CSI) Presentations

Congress attendees may visit CSI Presentations of interest at any time during the World Congress. From the MAP, click *CSI Scientific Presentations*, search for the presentation you'd like to view and click *Visit Booth* on the right side of the screen.

Inside each CSI Presentation space an attendee may view the video and/or poster PDF on a topic. Attendees may chat with others in that room,

or send a question to the presenter using the contact information, or the *Questions and Answers* button on the page.

### Recordings of Live Sessions

All live Focused and General Sessions, CSI Discussion Groups, and the Awards Ceremony will be recorded and made available to attendees.

This material can be accessed within the **Agenda**, under the **On Demand** section.

## EXHIBITS

An exhibit hall is available for attendees to visit from October 17-25, 2020. We have published live hours in which exhibiting companies are required to staff their booths. See the Exhibit section in this program for additional details on the **Exhibit Hall**.

## NETWORKING

One of the most important reasons to attend an ISHRS World Congress is to spend time learning with and from the many members around the world, and the virtual congress will be no exception.

Upon logging into the virtual conference center attendees are encouraged to complete their profile, including creating an avatar or uploading an image.

**In each virtual room there will be a chat option.** This chat will be logged to the room and run continuously throughout the meeting.

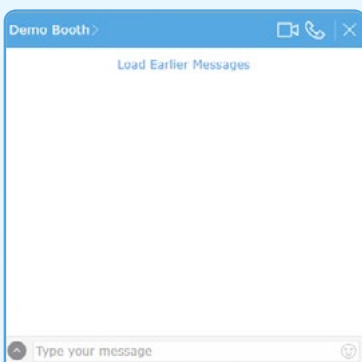
Attendees also have the option to **chat directly with one other person or within a group of up to 20 people.** In the individual and small group chat function attendees may also have a video call, or an audio call over the internet.

The **Fireside Chat** and **Meet Up** spaces on the map are dedicated spaces for attendees to network and discuss topics related to hair restoration surgery. Following each Focused Session there will be a 30 minute text discussion on that topic in the **Fireside Chat**.

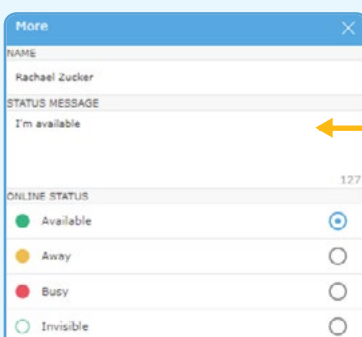
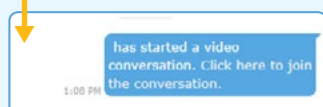
At any time attendees can see who is active on the platform by clicking *Who's Here* on the bottom nav bar. This will list all attendees who are logged into the site, and where within the site they are currently visiting.

## THE CHAT WINDOW

The chat window lives in the bottom right corner and is available across the platform with the exception of the live auditorium sessions.



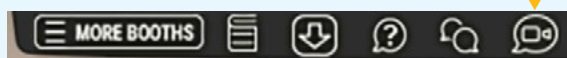
This is an example of a chat window. All chat windows, whether it's a group chat or 1:1 chat, will have the video camera and phone icons at the top. These icons allow you to chat over PC audio with or without your camera. If you click either of these icons in the group chat window, a message will appear in the chat.



**STATUS MESSAGE** is customizable. For example, if you were to set your status as away your message could read "Be back at noon".

**MENU ICON** will allow you to change your status and associated message

### TOOL BAR

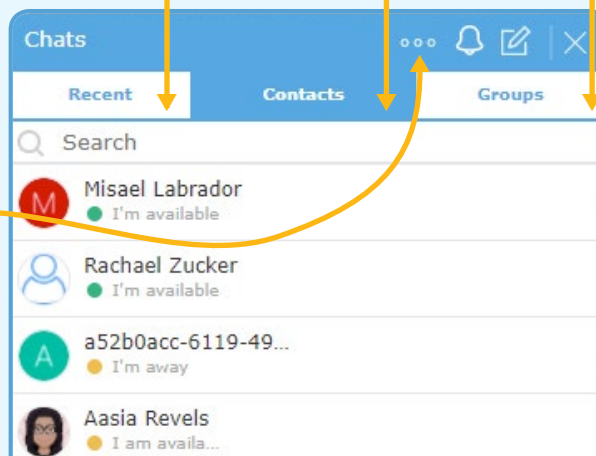


This is the only icon/feature that will take you outside the virtual conference center. The video camera icon in the top toolbar will open a new tab and you will be able to communicate with up to 20 people here.

**RECENT TAB** will show you group chats or 1:1 conversations you have been part of

**CONTACTS TAB** will list everyone in the platform. Use the search bar to help you quickly locate someone's name to send them a direct message.

**GROUPS TAB** will list all the group chats in the platform. This will include a group chat for each exhibit booth and location on the map, as each place has its own designated chat window.





## FUN

Congress attendees are encouraged to play both the Exhibit Extravaganza Passport Game and the ISHRS Collegiately Game. Additional information can be found within this program about how to participate in these games.

## MEETING CONCLUSION

**Live Features** The ISHRS Virtual Conference Center live features and chat will close on October 25, 2020, at 12:00pm CDT.

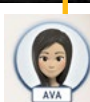
**Exhibits** Exhibit booths will remain open, but not staffed, for one month post-congress, until November 25, 2020. Chat function will be disabled on Oct. 25, 2020, at 12:00pm CDT. However, you may still click the “?” icon in the tool bar and send a question to an exhibitor which will get emailed to them.

**On-Demand** Registered attendees have access to the meeting site until January 25, 2021. Attendees will have access to the Recorded Educational Sessions, CSI Presentations, and Handouts and Final Program Guide.



**LOBBY SCREEN**

**AVA** Your virtual concierge, ready to answer your question about the platform or the ISHRS.



## TOP NAVIGATION BAR

### AGENDA

Found on the bottom nav, or top nav under *Today's Events* and *Upcoming Events* you will find the program agenda. You may click the heart to favorite it, and it will appear in *My Schedule*.

Each day, the daily line-up of live sessions will appear in *Today's Events*. As they occur (within 24 hours), they will move to *On Demand*. Future days will be in *Upcoming Events*.

Be sure to check out the **DAILY ANNOUNCEMENTS**

**FORUMS**  
Participate in Forum discussion threads on various topics related to the congress.

**PROFILE**  
create your avatar or upload a photo.



## BOTTOM NAVIGATION BAR

### MAP

Within the Virtual World Congress site a “Map” will direct you to where you need to go throughout the center.

**LOBBY** This is the main screen attendees see when logging into the virtual conference center.

**ISHRS INFORMATION DESK** ISHRS Staff will be available in this space to answer questions related to ISHRS education, membership, and more. See the program for hours of when the ISHRS Information Desk will be staffed. The general handouts table can also be accessed from this space, as well as information about the games.

**EXHIBIT HALL** Exhibitors with products and services of interest to hair restoration surgeons will share content, products and information in this virtual exhibit space.

**AUDITORIUM** Live educational sessions will take place in the Auditorium. Attendees are encouraged to view in *Full Screen Mode* to maximize the viewing space.

**FINAL PROGRAM & ABSTRACT BOOK** Download the Final Program Guide and Abstract Book here. You may even find some familiar faces in this space!

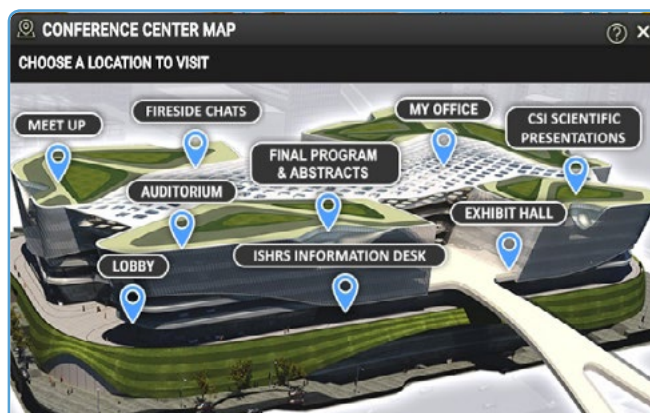
### CSI SCIENTIFIC PRESENTATIONS

Cases, Studies, and Innovations Presentations will be presented in this space. Search by author, topic, or title and review this scientific information. Discuss these presentations with the authors during the CSI Discussion Groups on Thursday/October 22, 2020.

**MEET UP** A space to gather and have a text chat with colleagues throughout the congress.

**FIRESIDE CHAT** Another space for attendees to gather and chat. This space will be dedicated to Focused Session topics for the 30 minutes following the conclusion of each Focused Session on Monday-Wednesday.

**MY OFFICE** In this space attendees may view their agenda and update their profile.



# ISHRS VIRTUAL GAMES

## TWO WAYS TO PLAY TO WIN GREAT PRIZES!

*The ISHRS will have TWO fun games in play for the duration of the virtual 2020 World Congress. Play both games for your best chance to win these great prizes!*

### PRIZES! We gratefully acknowledge these companies for donating prizes!

- ✱ Package: 2 Gold Model Forceps & 15 Gold FUE punches  
\$435 USD value | **212Medikal**
- ✱ Leavitt Bonn Placing Forcep  
\$390 USD value | **A to Z Surgical**
- ✱ Package: Capillus OfficePro, CapillusRx Laser Therapy Cap & Cap+ Volumizing Keratin Brush  
\$11,000 USD value | **Curallux**
- ✱ Cut-to-Size Blades and Handle  
\$300 USD value x 2 prizes | **Ellis Instruments, Inc.**
- ✱ Scalp Micropigmentation Online Training  
\$1,865 USD value | **Finishing Touches Portfolio**
- ✱ Magna Medical Gift Card  
\$500 USD value x 2 prizes | **Magna Medical**
- ✱ Nutraceuticals Core Pack (Women's, Men's, Women's Balance), Stress Adaptogen, Hairbiotic  
\$300 USD value | **Nutrafol**
- ✱ Virtual Catalog Voucher  
\$400 USD value | **Robbins Instruments, Inc.**
- ✱ LOCKrx Hair Support Package  
\$359 USD value | **SmartGraft by Vision Medical, Inc.**
- ✱ Scalp Micropigmentation Device & Accessory Kit  
\$800 USD value | **Tejco Vision**
- ✱ Webshop Voucher  
€300 EUR value | **Zavimed Hair Restoration Supplies**

### PLUS...

- ✱ ISHRS Free Webinars
- ✱ Discount Certificates for ISHRS 2021 World Congress
- ✱ One-of-a-kind ISHRS Virtual Congress Surgical Caps....**and more**



### HOW TO COMPLETE AND SUBMIT YOUR GAME CARDS

The game cards for both games will be available as fillable PDFs at this link:  
<https://28thannual.org/info-desk-handouts/>  
 Fill in your answers on the game cards through the course of the meeting days. When you are finished, go to the link printed on the specific game card to transfer and submit your answers electronically by Sunday, October 25 at 5:00PM CDT. The winners will be notified within a week after the meeting.

### HERE'S HOW THE GAMES WORK!



#### ISHRS Collegiality Game

Collegiality is one of the three pillars of the ISHRS. Whether you are new to the ISHRS or have been a long-time member, you are part of the ISHRS Family!

Collegiality is the goal – network and have fun – all while learning! This game card lists several questions and actions for you to complete. This will lead you into different parts of our meeting platform, scavenger hunt-style.

Each item on the game card is assigned a point value. Complete and submit the game card per the instructions which are listed on the card. All game cards will be scored, and prizes will be awarded based on accrued point values.

#### In addition, there will be 3 Grand Prize drawings!

By submitting your completed game card, you are automatically eligible to win a Grand Prize! Have fun exploring and good luck!



#### Hidden Delights

Look for "Hidden Delight" videos. Look for this symbol.

*Thank you to Dr. David Josephitis for organizing the Hidden Delight videos!*

#### Exhibitor Extravaganza Passport Game

This game card lists all participating exhibitors along with their questions. Visit those exhibitors' booths and ask them for the answer to their question via the chat or question feature. Complete your card with the collected answers and submit it per the instructions which are listed on the card. All completed and correct cards will be entered into the drawing to win!



### Thank you

*to Dr. Marie Schambach and the Virtual Subcommittee for their creativity in helping make this year's congress special and fun!*

Marie A. Schambach, MD, FISHRS | Guatemala, Chair  
 Nilofer P. Farjo, MBChB, FISHRS | United Kingdom  
 David S. Josephitis, DO, FISHRS | USA  
 Mauro Speranzini, MD | Brazil  
 Dow B. Stough, MD | USA  
 Gregory Williams, MBBS, FISHRS | United Kingdom



# PHOTO BOOTH

SHARE YOUR PHOTO ON SOCIAL MEDIA

#ISHRS2020

Attendees are invited to visit  
the virtual PHOTO BOOTH!



SNAP A PHOTO of yourself  
during the world congress.



HAVE FUN simulating your  
presence in various parts  
of the meeting!

WE WANT TO SEE YOU  
@ ISHRS Virtual  
World Congress!



Be sure to VISIT THE PHOTO GALLERY to view the fun and  
creative photographs from your friends and colleagues!



SMILE!



# GLOBAL COUNCIL OF HAIR RESTORATION SURGERY SOCIETIES

*Thank you*

to the member societies of the Global Council of Hair Restoration Surgery Societies for your partnership and support of the ISHRS World Congress! We are pleased that you brought a sample of your beautiful countries to our preludes. Thank you to **Dr. Greg Williams**, for organizing the preludes!

Thank you to **Dr. David Perez-Meza**, *Lead Ambassador*, and **Dr. Ricardo Mejia** and **Dr. Russell Knudsen**, Ambassadors for liaison support throughout the year.

**ABHRS**  
American Board Of  
Hair Restoration Surgery

**AARC**  
asociación argentina de recuperación capilar

**AAAT**  
ARAB ASSOCIATION OF HAIR TRANSPLANTATION



American Board of Hair Restoration Surgery

American Society of Hair Restoration Surgery

Arab Association of Hair Transplantation

Argentine Society of Hair Recovery  
*Asociación Argentina de Recuperación Capilar – AARC*

Asian Association of Hair Restoration Surgeons

Australasian Society of Hair Restoration Surgery

Brazilian Society of Hair Restoration Surgery  
*Associação Brasileira de Cirurgia de Restauração Capilar – ABCRC*

British Association of Hair Restoration Surgery

Chinese Association of Hair Restoration Surgery

French Hair Restoration Surgery Society

German Society of Hair Restoration  
*Verband Deutscher Haarchirurgen*

Hellenic Academy of Hair Restoration Surgery

Ibero Latin American Society of Hair Transplantation  
*Sociedad Ibero-latinoamericana de Trasplante de Cabello- SILATC*

Association of Hair Restoration Surgeons-India

International Society of Hair Restoration Surgery

Italian Society for Hair Science and Restoration  
*SiTri*

Japanese Society of Clinical Hair Restoration

Korean Society of Hair Restoration Surgery

Hair Restoration Society of Pakistan

Paraguayan Society of Hair Restoration Surgery

Polish Society of Hair Restoration Surgery

Swiss Society for Hair Restoration Surgery

Thai Society of Hair Restoration Surgery



Paraguayan Society of Hair  
Restoration surgery





## ISHRS 2020 Surgical Assistants Program

Sunday, October 18, 2020

Via Live Zoom Meeting

2 hour program: 9-11AM CT (Chicago)

- Implanters: Options & Implementation
- Gain Practical and Critical Thinking Skills
- Share Experiences with Peers Around the World
- Live Questions & Answers

**#ISHRS2020**

## ***Fight*** ***The*** ***FIGHT***

Fight the Fraudulent, Illicit, Global Hair Transplant clinics  
that are plaguing our specialty and harming patients.

Take the  
**PLEDGE!**

#ITookTheISHRSPledge #FightTheFIGHT | Visit: [ISHRS.org/Pledge](https://www.ishrs.org/Pledge) for details



# ISHRS 2020 BASICS COURSE

## in Hair Restoration Surgery

All Online - Anytime, Anywhere

On Demand

Gain essential knowledge from a faculty of 45 top hair restoration surgeons from around the world in this 12-hour online video course.

\$199 USD for ISHRS physician members  
\$249 USD for non-member physicians

ORDER TODAY  
<https://ishrs.org/basics-course>

# ISHRS 2020 Advanced/Board Review Course on-demand

Excellent Preparation to take the ABHRS Exam



Recordings of two 2-Hour  
Oral & Written Mock  
Exam Zoom Meetings



Valuable tips and insights from  
faculty who have taken and  
administered the ABHRS exam



On Demand Video  
Lectures & Additional  
Mock Oral Exams

Sharpen critical-thinking and test-taking skills while learning advanced knowledge from 23 top hair restoration surgeons from around the world.



Pricing ranges from just \$249USD for ISHRS physician members to \$349USD for non-member physicians. For more information, visit <https://ishrs.org/advanced-course>



# HypoThermosol®

The Optimized Hypothermic  
Storage Solution Trusted  
By Leading Hair Restoration  
Professionals Worldwide

Join the growing list of hair restoration  
professionals who trust *ex vivo* graft  
storage to HypoThermosol.

1.866.424.6543

BioLifeSolutions.com | info@biolifesolutions.com



Contact [SalesOne@BioLifeSolutions.com](mailto:SalesOne@BioLifeSolutions.com)  
for Volume Discount Pricing

A photograph of two men in medical scrubs. One man, older with grey hair, is smiling and looking towards the other man, who is younger and seen from the side.

**ABHRS**  
American Board Of  
Hair Restoration Surgery

## JOIN THE ABHRS

**Benefits Include**

- Join the elite group of 200+ Hair Surgeons from over 30 countries.
- Use of ABHRS logo on your website and marketing materials.
- Increasing your visibility through ABHRS website listings.
- Distinguishing your practice from others in your area and worldwide.
- Demonstrating that you incorporate the latest techniques and developments in hair.
- Earn public trust that you are an expert in the specialty of hair restoration.

**2021 Board Certification Oral and Written Exam**  
**October 2021 with the 29<sup>th</sup> World Congress**  
**Lisbon, Portugal**

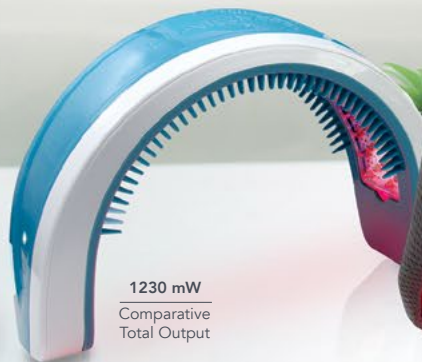
**BOOTH SPECIAL:** Submit your application by December 20 and receive **\$300 OFF** your application fee.  
Come visit our **VIRTUAL** booth for more information and credentialing requirements

**For more information visit <https://abhrrs.org>**

# Laser Devices For All Your Patients' Hair Loss Needs And Budgets



**Targeted Treatment**  
**LaserComb**  
MSRP \$199



1230 mW  
Comparative  
Total Output

**Fastest Treatment Time**  
**LaserBand 82**  
MSRP \$799



Laser 202  
& Flip 80  
**COMING SOON**

1360 mW  
Total Output

**POWERFlex**  
**Laser 272 Cap**  
MSRP \$1899



**NEW! Density Hair Care**  
High performing NRG<sup>8</sup>-pLEX™ formula & Bio-Active ingredients transforms thinning hair.

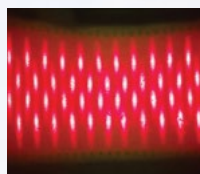
## The HairMax Advantage – The Ideal Choice

### LaserCombs & LaserBands



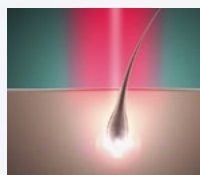
#### Patented Hair Parting Teeth

Hair is a photoprotectant for the scalp. The teeth on HairMax devices part the hair creating an unobstructed pathway for maximum laser delivery to the follicles. The teeth are removable for use after hair transplantation.



#### Laser Profile: Dense & Aligned

Laser diodes are closely placed within the devices to provide consistent and uniform delivery of laser light to hair follicles.



#### Medical Grade Lasers with Lenses for Focused Energy

HairMax lasers have lenses that deliver collimated light. This focused light penetrates the scalp to better stimulate hair follicles, unlike laser devices without lenses.

### New! Laser Caps - HairMax Quality, Priced Right

The PowerFlex 272 Laser Cap has been engineered to maximize hair growth with these unique features:

- Engineered to surpass all other Laser Caps on the market in comfort, flexibility, electronic quality and usability.
- Comfort silicon insert conceals the internal circuitry while protecting the laser diodes.
- Laser diodes are densely spaced and precisely aligned to deliver the optimal amount of laser energy to reach the scalp for uniform stimulation.
- Dual operating mode technology for a choice of constant or pulsing laser light wave – 15 min or 30 min treatment time.
- Rechargeable battery pack for freedom of movement.
- Controller with illuminated treatment timer and battery level indicator.
- Water resistant for thorough and easy cleaning.
- Lock-in USB omni directional micro-cable for security.

**Step Up To HairMax | Physician Programs Available**  
Speak with a HairMax Med Professional **1.888.841.2535** | [HairMaxPro.com](http://HairMaxPro.com)

\*HairMax Laser devices are indicated to treat Androgenetic Alopecia, and promote hair growth in males who have Norwood Hamilton Classifications of IIa to V and in females who have Ludwig (Savin) I-4, II-1, II-2, or frontal patterns of hair loss and who both have Fitzpatrick Skin Types I to IV. The Laser 272 is indicated to promote hair growth in males with Androgenetic Alopecia who have Norwood-Hamilton Classifications of IIa - V, or females with androgenetic alopecia who have Ludwig-Savin Classifications I - II or Frontal and for both with Fitzpatrick Skin Phototypes I-IV.



*The International Society of Hair Restoration Surgery (ISHRS) is a global non-profit medical association and a leading, unbiased authority in medical and surgical hair restoration with more than 1,200 members throughout 70 countries.*

Founded in 1993, it was the **first**, and is now the **largest**, international society to promote continuing quality improvement and education for professionals in the field of hair restoration surgery. Members have backgrounds in varying medical specialties including dermatology, plastic surgery, general surgery, and more.

The cornerstone of the ISHRS continues to be the annual world congress and the *Forum* publication. Both provide an accepted international forum for information exchange and rapid diffusion of new and innovative surgical techniques and instrumentation technology.

The ISHRS is accredited by the Accreditation Council for Continuing Medical Education (ACCME), which is the agency responsible for sanctioning medical education for physician licensure in the United States. The ISHRS holds a seat in the American Medical Association House of Delegates, which is considered "the House of Medicine" in the United States and one of the most important groups to effect standards and legislation. The ISHRS 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.

Above all, The ISHRS is dedicated to achieving excellence in medical and surgical outcomes by promoting member education, international collegiality, research, ethics, and public awareness.

The ISHRS is a member of and leads the Global Council of Hair Restoration Surgery Societies which is comprised of 23 national and regional societies. Numerous countries' Ministries of Health have contacted the ISHRS in the past for expert information on industry standards.

The ISHRS is the leader in hair restoration surgical statistics and trend data. See its 2020 Practice Census Survey results. The ISHRS has been cited in numerous major news outlets, publications, and receives much press since it is the most trusted source for unbiased information and the best education in the field of hair restoration surgery.

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, Core Curriculum in Hair Restoration Surgery, and Core Competencies in Hair Restoration Surgery.

The ISHRS is dedicated to facilitating the training of physicians. The ISHRS has a Fellowship Training Program, enduring educational materials and online resources, and offers numerous meetings that include lectures and surgical workshops.

The ISHRS holds its biggest event, the annual ISHRS World Congress, around the world. Several of the countries in which it has organized meetings and live workshops include: United States, Australia, United Kingdom, Greece, Japan, South Korea, United Arab Emirates, Canada, Mexico, Malaysia, Thailand, The Netherlands, Czech Republic, Belgium, Poland, Spain, Italy, and India.

Its faculty are world-renowned and the top experts, innovators, and pioneers in the field. The faculty and leadership are those physicians who write the textbooks in the field and author the most important journal articles. The majority of faculty have been in the field for 20+ years.



## 2020 ISHRS PRACTICE CENSUS RESULTS

### WORLDWIDE HAIR RESTORATION TRENDS

The total market size for hair restoration surgery has increased

**10%**  
since 2016

or from  
**\$4.1 BILLION**  
USD in 2016

to  
**\$4.6 BILLION**  
USD in 2019

over  
**735,000** hair restoration procedures  
worldwide in 2019

Since 2016 surgical hair restoration procedures have increased by

**16%**

More than **2 million**  
hair restoration patients were treated  
in 2019 -- a **157% increase** since 2008



**31%** of ISHRS members  
indicated an **increase in**  
transgender hair transplants

### Popularity of body hair transplantation continues

Among men, **15%** of procedures targeted non-scalp areas of the body, of which **beards/moustaches** accounted for 5% of procedures

While all components of a beard are important, the highest ranked "very important" features included "strong goatee" (15.8%) and "strong cheek beards" (15.4%)

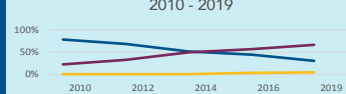


Among women, **18%** of procedures targeted non-scalp areas of the body, of which **eyebrows** accounted for 12% of procedures



### Follicular Unit Excision (FUE) and Combo (FUT+FUE) methods increase

Popularity of Hair Transplant Methods  
2010 - 2019



**FUE more refined** - 62% of physicians typically use a punch size of 0.9 mm or smaller in 2019, compared with 52% in 2016, when performing Follicular Unit Excision, a surgical procedure that should only be performed by physicians



ISHRS physicians have been practicing hair restoration for an average of 16 years and 55% of members devote **76-100% of their practices** to hair restoration surgery



ISHRS physicians report that patients cited "**social/dating**" (37%) followed by "**career/professional**" (35%) as the main reasons for seeking hair restoration treatment in 2019



New reason that patients presented for treatment:  
**repair of previous black market hair transplants**  
See *Fight The FIGHT*

**Fight The FIGHT**



Most commonly prescribed non-surgical treatments in 2019 included finasteride, minoxidil, and Platelet-Rich Plasma (PRP)

**FUN FACT!**

According to the ISHRS members **Brad Pitt** and **Eva Longoria** have the best celebrity hair





## ISHRS Administration

### EXECUTIVE DIRECTOR & CME DIRECTOR

Victoria Ceh, MPA

### HQ & ADMINISTRATIVE MANAGER, REGISTRATION MANAGER

Kimberly Miller

### MEETING & EXHIBITS MANAGER

Jule Uddfolk, CMP

### MEMBERSHIP MANAGER & HQ SUPPORT

Katie Masini

### PROGRAM MANAGER

Melanie Stancampiano

### OFFICE MANAGER

Janice Ayarzagaitia

### PROJECT MANAGERS

Rita Kaufman, CAE

Lori Skurka, MED

Sheri Valskis

### REGISTRAR, BOOKKEEPER

Sue Reed

### PROJECT ASSISTANT

Davin Ayarzagaitia

### DATABASE & TECHNICAL SUPPORT, REGISTRAR

Jeffrey Miller

### FINANCE

Melinda Urbas, CPA

Desmond & Ahern, Ltd.

Daniel Pepon, Merrill Lynch

### MANAGING EDITOR AND ADVERTISING SALES, FORUM

Cheryl Duckler

### INTEGRATED COMMUNICATIONS MANAGER

Blanca Stella Mejia

### WEBMASTER

Lee Hodson

### PR CONSULTANT

Karen Sideris

### GRAPHIC DESIGN

Dawn Holler Wisher

### SURVEY RESEARCHER

Ron Hazen

## 2019-2020 ISHRS Officers and Board of Governors

### PRESIDENT

Francisco Jimenez, MD, FISHRS  
Canary Islands, Spain

### VICE PRESIDENT

Paul J. McAndrews, MD, FISHRS  
Pasadena, CA, USA

### SECRETARY

Nilofer P. Farjo, MBChB, FISHRS  
Manchester, United Kingdom

### TREASURER

Kapil Dua, MBBS, MS, FISHRS  
Ludhiana, India

### IMMEDIATE PAST-PRESIDENT

Arthur Tykocinski, MD, FISHRS  
São Paulo, Brazil

### BOARD MEMBERS

Gholamali Abbasi, MD, FISHRS  
Tehran, Iran

Conradin von Albertini, MD, FISHRS  
Zurich, Switzerland

Jean M. Devroye, MD, FISHRS  
Brussels, Belgium

Sharon A. Keene, MD, FISHRS  
Tucson, AZ, USA

Ricardo Mejia, MD  
Jupiter, FL, USA

Marcelo Pitchon, MD  
Belo Horizonte, Brazil

Paul T. Rose, MD, JD, FISHRS  
Miami, FL, USA

Robert H. True, MD, MPH, FISHRS  
New York, NY, USA

Robin Unger, MD  
New York, NY, USA

Bradley R. Wolf, MD, FISHRS  
Cincinnati, OH, USA

## 2020 World Congress Committee

Bradley R. Wolf, MD, FISHRS | USA | *Chair*

Jerzy R. Kolasinski, MD, PhD, FISHRS | Poland | *Advanced/Board Review Course Chair*

Samuel M. Lam, MD, FISHRS | USA | *Advanced/Board Review Course Co-Chair*

M. Humayun Mohmand, MD, FISHRS | Pakistan | *Basics Course Chair*

Shady El-Maghraby, MD, MSc | Egypt | *Basics Course Co-Chair*

Marwan Nouredin, MSc | Egypt | *Surgical Assistants Chair*

Sara M. Wasserbauer, MD, FISHRS | USA | *Focused Sessions Chair*

Robin Unger, MD | USA | *Immediate Past Chair*

Marc S. Dauer, MD | USA | *Committee Member*

Bessam K. Farjo, MBChB, FISHRS | United Kingdom | *Committee Member*

Jennifer Krejci, MD | USA | *Committee Member*

Daniel G. McGrath, DO, FISHRS | USA | *Committee Member*

Vladimir Ratushny, MD, PhD | USA | *Committee Member*

Marie A. Schambach, MD, FISHRS | Guatemala | *Virtual Subcommittee Chair*

Nilofer P. Farjo, MBChB, FISHRS | United Kingdom | *Virtual Subcommittee*

David S. Josephitis, DO, FISHRS | USA | *Virtual Subcommittee*

Mauro Speranzini, MD | Brazil | *Virtual Subcommittee*

Dow B. Stough, MD | USA | *Virtual Subcommittee*

Gregory Williams, MBBS, FISHRS | United Kingdom | *Virtual Subcommittee*

## CME Committee

Robert S. Haber, MD, FISHRS | *Chair*

Conradin von Albertini, MD, FISHRS

James A. Harris, MD, FISHRS

Ratchathorn Panchaprateep, MD, PhD, FISHRS

Marcelo Pitchon, MD

# NOT A MEMBER OF THE ISHRS?

CONSIDER JOINING.



Go to [www.ISHRS.org](http://www.ISHRS.org) for information on how to apply!

## MISSION STATEMENT

A global society of physicians committed to improving patient outcomes by promoting member education, collegiality, research, ethics and public awareness.

The vision is to establish the ISHRS as a leading unbiased authority in medical and surgical hair restoration.

## CORE PURPOSE

Improving quality of life for people with hair loss.

## CORE VALUES

Ethical Conduct  
Free Exchange of Knowledge  
Pursuit of Excellence  
Honesty and Integrity  
Diversity

## BENEFITS OF ISHRS MEMBERSHIP INCLUDE:

- **Reduced registration fees** for ISHRS world congress, live surgery workshops, educational products, and other training programs
- Opportunities to earn continuing medical education (CME) credits – *AMA PRA Category 1 Credits™*
- Eligibility for **research grants**
- **www.ISHRS.org**  
A comprehensive informational website on hair loss and restoration.
- **Subscription to the bi-monthly newsletter, *Hair Transplant Forum International***
- **Access to the *Forum ePub***
- **Subscription to the peer-reviewed journal, *Dermatologic Surgery* (physicians, adjunct, and residents only)**
- **Electronic PDF journal, *Drugs in Dermatology***
- **Unified public relations effort** to increase the public's perception and awareness of hair restoration surgery
- **A team of leaders, volunteers, and staff** dedicated to making the ISHRS a valuable resource for the profession.

EDUCATION | RESEARCH | COLLEGIALLY

## FOR MORE INFORMATION CONTACT

### International Society of Hair Restoration Surgery

1932 S. Halsted Street, Suite 413 | Chicago, IL 60608 USA

TEL +1-630-262-5399 | U.S. DOMESTIC TOLLFREE +1-800-444-2737

FAX +1-630-262-1520 | E-MAIL [info@ishrs.org](mailto:info@ishrs.org)

[www.ISHRS.org](http://www.ISHRS.org)

## FUTURE ISHRS WORLD CONGRESSES

OCTOBER 20-23 • 2021

29TH WORLD CONGRESS

LISBON, PORTUGAL

Congress Centre Lisboa

OCTOBER 26-29 • 2022

30TH WORLD CONGRESS

PANAMA CITY, PANAMA

Westin Playa Bonita Hotel

2023

31TH WORLD CONGRESS

NEW DELHI, INDIA





# 29TH WORLD CONGRESS

INTERNATIONAL SOCIETY OF  
HAIR RESTORATION SURGERY



*The ultimate  
congress and platform  
to discuss, debate,  
share research and ideas on  
SURGICAL AND MEDICAL  
HAIR TRANSPLANTATION*

PREPARE YOUR ABSTRACTS!  
**SAVE THE DATE**  
October 20-23, 2021

**29thannual.org**



**International Society of Hair Restoration Surgery**

1932 S. Halsted Street, Suite 413 | Chicago, IL 60608 USA

TEL +1-630-262-5399 | U.S. DOMESTIC TOLLFREE +1-800-444-2737

FAX +1-630-262-1520 | E-MAIL [info@ishrs.org](mailto:info@ishrs.org)

[www.ISHRS.org](http://www.ISHRS.org)