



**Reflect, Rejuvenate, and
REGENERATE**

November 18-21, 2015

9th World Congress for Hair Research

Miami • Florida • USA

**A Comprehensive,
International
Hair Research Meeting
for the
Advancement of
Knowledge
In Hair Growth,
Hair and Scalp Disease,
and Clinical Care**

EARLY BIRD REGISTRATION DEADLINE SEPTEMBER 1, 2015

Preliminary Program

www.hair2015.org

Hosted by **NORTH AMERICAN HAIR RESEARCH SOCIETY** 

CME sponsored by



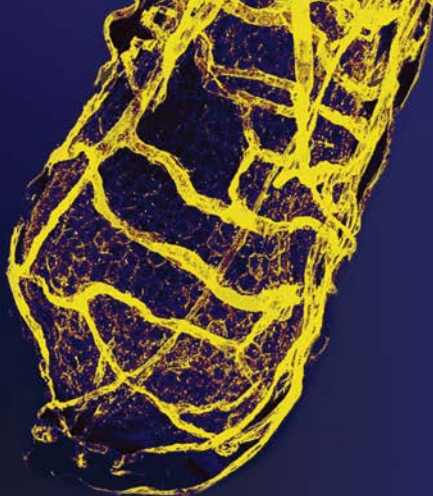


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Dear Colleagues,

The North American Hair Research Society (NAHRS), with participation from the Australasian Hair & Wool Research Society, the European Society for Hair Research, the Hair Research Society of India, the Japanese Society for Hair Research, and the Korean Hair Research Society, will host the 9th World Congress for Hair Research, which will bring together hair biologists, dermatologists, cosmetic scientists and hair transplantation surgeons for this three and a half day comprehensive hair research meeting.

International colleagues will present new research, share experiences, and discuss new directions for the advancement of knowledge in hair growth, hair and scalp disease, and clinical care. The Congress will include general sessions, scientific posters, pre-Congress workshops, networking opportunities, a full exhibits program, company sponsored satellite symposia, and more.

We invite you to attend!

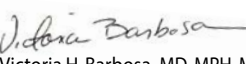
For information and registration go to:
www.hair2015.org

Sincerely yours,
 Congress Scientific Planning Committee

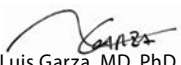

 Wilma F. Bergfeld, MD
 CONGRESS CO-CHAIR
 Cleveland Clinic Foundation


 Angela Christiano, PhD
 CONGRESS CO-CHAIR
 Columbia University

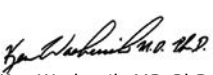

 Maria K. Hordinsky, MD
 CONGRESS ASSOCIATE CHAIR
 University of Minnesota


 Victoria H. Barbosa, MD, MPH, MBA
 Rush University


 Valerie D. Callender, MD
 Howard University


 Luis Garza, MD, PhD
 Johns Hopkins University


 Antonella Tosti, MD
 University of Miami


 Ken Washenik, MD, PhD
 New York University/ Bosley



Join us in
 MIAMI

November 18-21, 2015

9th World Congress for Hair Research

Miami • Florida • USA



Commercial Support

*The NAHRS gratefully
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following sponsors for
their support of the
9th World Congress!*

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TIME	WEDNESDAY NOV 18, 2015	THURSDAY NOV 19, 2015	FRIDAY NOV 20, 2015	SATURDAY NOV 21, 2015
7:00am		International Board Meeting		AHRS Member Meeting
7:30am			Satellite Symposium Women's Rogaine	Coffee with the Experts
8:00am				Satellite Symposium
8:30am		Live Patient Viewing - A. Tosti 8:30-9:15 Pt-viewing 9:15-11:00 Discussion		
9:00am		Hair Transplantation - B. Nusbaum		
9:30am			Hormones, Hair Growth and Pattern Hair Loss - W. Bergfeld	Genetics, Genomics, & Personalized Medicine/ Biomarkers - A. Christiano
10:00am				
10:30am				
11:00am		Exhibits/Posters/Coffee	Exhibits/Posters/Coffee	Coffee
11:30am	Registration Opens	Immunobiology, Alopecia Areata - M. Hordinsky	Stem Cells & Stem Cell Niches - G. Cotsarelis	Clinical Trials - J. Shapiro
12:00 noon				
12:30pm				
1:00pm	Exhibit Set-up Poster Set-up	Satellite Symposium Procter & Gamble	Satellite Symposium Viviscal	EHRS Member Meeting
1:30pm	Basic Course on Diagnosis and Treatment of Hair Disorders - L. Goldberg			KHRS Member Meeting
2:00pm	Epidemiology & Clinical Trial Design - J. Mackey-Wriggan			New Topics Selected from Abstracts: Part II - L. King
2:30pm	Basic Science Course for Hair Researchers - A. Christiano, V. Horsley, S. Millar	Morphogenesis, Neogenesis and Tissue Engineering - S. Millar	Emerging Technologies and Therapies - K. Washenik	Closing Ceremony & Awards
3:00pm		Cicatrical Alopecia - E. Olsen		
3:30pm				
4:00pm		Exhibits/Posters/Coffee	Exhibits/Posters/Coffee	
4:30pm		Auxiliary Cells - V. Horsley	Structure, Biology & Hair Curl, Color & Luster - T. Dawson	
5:00pm	Opening Ceremony Keynotes - R. Rox Anderson - J. Ebling Lecture: M. Philpott		New Topics Selected from Abstracts: Part I - V. Barbosa	Exhibits dismantle Posters dismantle
5:30pm				
6:00pm		Great Cases from South America - R. Romiti		
6:30pm	Welcome Reception			
7:00pm	Exhibit & Poster Area	Evening free	Congress Dinner	
7:30pm				
8:00pm	Evening free			
8:30pm				
9:00pm				
9:30pm				
10:00pm				

9th World Congress for Hair Research Day-By-Day Program



WEDNESDAY | November 18, 2015

9:00AM-11:30AM **NAHRS BOARD OF DIRECTORS MEETING**
(invitation only)

11:30AM-7:30PM **REGISTRATION**

1:00PM-4:30PM **EXHIBITORS MOVE-IN**

1:00PM-4:30PM **POSTER PRESENTERS HANG THEIR POSTERS**

1:00PM-4:30PM **PRE-CONGRESS COURSES**

Wednesday continues ►

PRE-CONGRESS COURSES

Consider attending an optional, pre-congress course. Registration is required and will be confirmed on a first-come, first served basis. FEE: \$50 per course. Only those who register for the full congress may purchase a ticket for a pre-congress course.

1:00PM-4:30PM BASIC COURSE ON DIAGNOSIS AND TREATMENT OF HAIR DISORDERS (ticket required)



Lynne J. Goldberg, MD



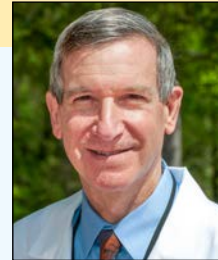
Paradi Mirmirani, MD



Andrew G. Messenger, MD



Amy McMichael, MD



Leonard Sperling, MD

DIRECTOR

Lynne J. Goldberg, MD, Professor of Dermatology and Pathology & Laboratory Medicine, Boston University School of Medicine; Director, Hair Clinic, Boston Medical Center, Boston, MA, USA

CO-DIRECTOR

Paradi Mirmirani, MD, Department of Dermatology, The Permanente Medical Group, Vallejo, CA, USA; Assistant Clinical Professor, Department of Dermatology, The University of California San Francisco, CA, USA

LEARNING OBJECTIVES

- Recognize the different clinical features that distinguish between non-scarring alopecias and lymphocytic and neutrophilic scarring alopecias.
- Assess the different histopathologic features you might encounter in a scalp biopsy for hair loss for better clinicopathologic correlation.
- Design a first and second line treatment plan for the different types of alopecia.

COURSE OUTLINE

1:00-1:45 My approach to the diagnosis and treatment of non-scarring alopecia

Andrew G. Messenger, MD, Professor of Dermatology, University of Sheffield, United Kingdom

1:45-2:30 My approach to the diagnosis and treatment of scarring alopecia

Paradi Mirmirani, MD

2:30-3:00 Special considerations for the alopecia patient of color

Amy McMichael, MD, Professor and Chair, Department of Dermatology, Wake Forest Baptist Health, Winston-Salem, NC, USA

3:00-3:15 Break

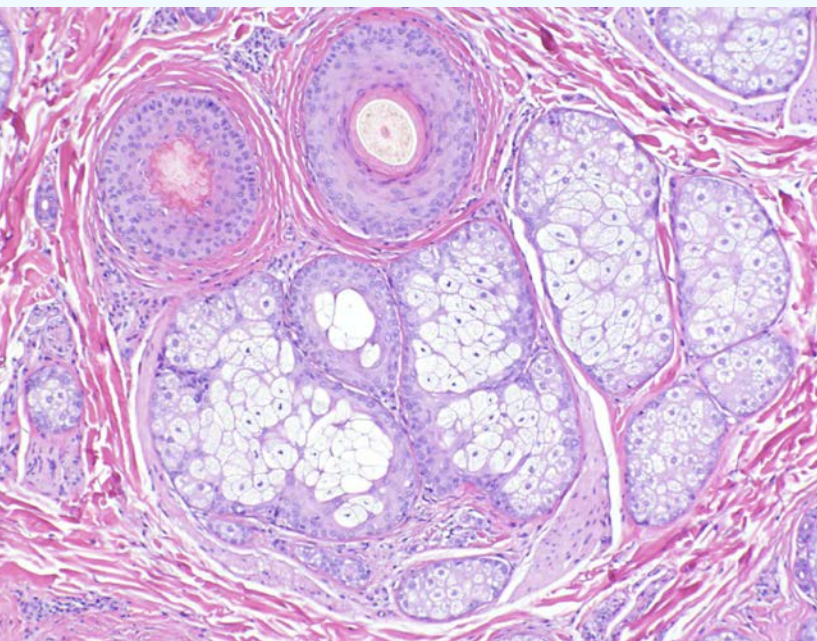
3:15-4:00 Histopathologic features of scarring and non-scarring alopecia

Leonard Sperling, MD, Professor of Dermatology and Pathology at the Uniformed Services University of the Health Sciences, Bethesda, MD, USA

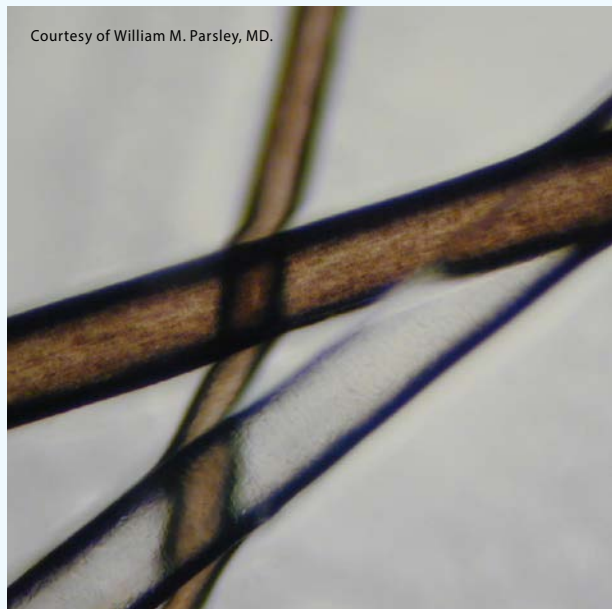
4:00-4:15 How to decipher a biopsy report of alopecia

Lynne J. Goldberg, MD

4:15-4:30 Panel Question & Answer Session



Courtesy of Lynne J. Goldberg, MD.



Courtesy of William M. Parsley, MD.

1:00PM-4:30PM **EPIDEMIOLOGY & CLINICAL TRIAL DESIGN** (ticket required)



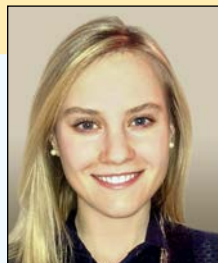
Julian Mackay-Wiggan, MD, MS



James A. Solomon, MD, PhD



Tito R. Mendoza, PhD, MS, MEd



Erika L. Hagstrom, MD



Madeleine Duvic, MD



Natasha A. Mesinkovska, MD, PhD

DIRECTOR

Julian Mackay-Wiggan, MD, MS, Associate Professor of Dermatology at CUMC and Director of the Dermatology Clinical Research Unit, Columbia University College of Physicians & Surgeons, New York City, NY, USA

LEARNING OBJECTIVES

- Discuss the basics of good clinical trial design and interpretation.
- Explain the rationale for factors that are considered in, and may alter, a study's design.
- Recognize the basic concepts of different types of clinical research such as epidemiologic studies, registry studies, and clinical trials.
- Appraise the use of electronic medical records in clinical research.
- Evaluate the steps involved in developing a patient-reported outcome measure in alopecia areata.

COURSE OUTLINE

1:00-1:10 Introduction and Welcome

Julian Mackay-Wiggan, MD, MS

1:10-1:30 National Alopecia Areata Foundation (NAAF) Uniform Protocol Development Project: A Plug & Play Method to Facilitate the Clinical Trial Process

James A. Solomon, MD, PhD, Associate Professor, University Central Florida, College of Medicine, Orlando, FL, USA; Assistant Clinical Professor, University of Illinois, College of Medicine, Urbana, IL, USA; Director, Ameriderm Research, Ormond Beach, FL, USA

1:40-2:00 Quality of Life Measures in Alopecia Areata and the Development of the Alopecia Areata Symptom Impact Scale (AASIS)

Tito R. Mendoza, PhD, MS, MEd, Associate Professor, Department of Symptom Research, The University of Texas MD Anderson Cancer Center, Houston, TX, USA

2:10-2:30 Global burden of disease findings for hair loss (AA, scarring alopecias, MPH, FPHL, etc.)

Erika L. Hagstrom, MD, Internal Medicine Preliminary Resident, Loyola University, Chicago, IL USA

2:40-3:00 Lessons learned from the alopecia areata registry – special considerations for registry type clinical research

Madeleine Duvic, MD, Professor and Deputy Chair Dermatology, UT MD Anderson Cancer Center, Houston, TX, USA

3:10-3:25 Break

3:25-3:45 Use of Electronic medical record for clinical trials or epidemiological studies - The Cleveland Clinic Experience

Natasha Atanaskova Mesinkovska MD PhD, Staff, Department of Dermatology, Department of Dermatopathology, Cleveland Clinic, Cleveland, OH, USA

3:55-4:20 Recent clinical trials in alopecia areata: Optimal design vs. reality. Acknowledging limitations when discussing results

Julian Mackay-Wiggan, MD, MS

4:20-4:30 Questions and Summation

Julian Mackay-Wiggan, MD, MS



1:00PM-4:30PM **BASIC SCIENCE COURSE FOR HAIR RESEARCHERS** (ticket required)



Angela M. Christiano, PhD



Valerie Horsley, PhD



Sarah E. Millar, PhD



Mayumi Ito, PhD



Peggy Myung, MD, PhD

CO-DIRECTORS

Angela M. Christiano, PhD, Professor of Dermatology and Genetics & Development, Columbia University, New York City, NY, USA

Valerie Horsley, PhD, Associate Professor of Molecular, Cellular, & Developmental Biology, Yale University, New Haven, CT, USA

Sarah E. Millar, PhD, Professor, Departments of Dermatology and Cell & Developmental Biology and Vice-Chair for Research, Department of Dermatology, University of Pennsylvania, Philadelphia, PA, USA

INVITED SPEAKERS

Angela M. Christiano, PhD

Valerie Horsley, PhD

Mayumi Ito, PhD, Associate Professor, Department of Dermatology, Department of Cell Biology, New York University School of Medicine, NY, USA

Sarah E. Millar, PhD

Peggy Myung, MD, PhD, Assistant Professor, Department of Dermatology, Yale University, New Haven, CT, USA

Catagen follicle.
Courtesy of William M. Parsley, MD.



Anagen, Catagen, Telogen follicle.
Courtesy of William M. Parsley, MD.



5:00PM-6:30PM **OPENING CEREMONY**



Wilma F. Bergfeld, MD



Angela M. Christiano, PhD



Maria K. Hordinsky, MD



R. Rox Anderson, MD



Abraham Zlotogorski, MD



Mike P. Philpott, BSc, D. Phil

Welcome to Miami! Congress Welcome & Acknowledgement of Sister Societies

CO-CHAIRS

Wilma F. Bergfeld, MD, Professor of Pathology and Dermatology, Cleveland Clinic, Cleveland, OH, USA

Angela M. Christiano, PhD, Professor of Dermatology and Genetics & Development, Columbia University, New York City, NY, USA

Maria K. Hordinsky, MD, Professor and Chair, Department of Dermatology, University of Minnesota, Minneapolis, MN, USA

KEYNOTE SPEAKER

Low level light therapy for hair loss: clinical use, mechanisms and important questions

R. Rox Anderson, MD, Professor of Dermatology, Harvard Medical School, Boston, MA, USA; Director, Wellman Center for Photomedicine, Massachusetts General Hospital, Boston, MA, USA; Adjunct Professor, M.I.T., Cambridge, MA, USA

LEARNING OBJECTIVES

- Describe the latest research with low level lasers and their effect on the hair follicle and sebaceous gland.

JOHN EBLING LECTURE

The European Hair Research Society (EHRS) sponsors each year since 1993 a prestigious lecture in memory of the late John Ebling, an internationally renowned zoologist. Dr. Ebling's hair research work was mainly devoted to understanding how hair growth and sebaceous gland activity is regulated, particularly the role of the endocrine system.

INTRODUCTION BY

Abraham Zlotogorski, MD, Head, Department of Dermatology, Hadassah-Hebrew University Medical Center, Jerusalem, Israel; President, European Hair Research Society

KEYNOTE SPEAKER

Hairs to hedgehogs: From in vitro modelling of the human hair follicle to basal cell carcinoma

Mike P. Philpott, BSc, D.Phil, Professor of Cutaneous Biology, Centre for Cutaneous Research, Blizard Institute, Barts and The London School of Medicine and Dentistry, London, U.K.

LEARNING OBJECTIVES

- Describe the role in vitro models have played in our understanding of hair biology and how future models may further aid our studies.

6:30PM-8:00PM **WELCOME RECEPTION, WITH EXHIBITS AND POSTER VIEWING**

Welcome
RECEPTION

DATE: Wednesday | NOVEMBER 18, 2015

TIME: 6:30PM-8:00PM

FEE: No extra fee required.

LOCATION: Mezzanine Foyer, InterContinental Hotel Miami

Join us in the exhibit area after the Opening Ceremony to socialize, unwind and spend time talking with exhibitors and reviewing their products and services in a relaxed atmosphere. The scientific posters will also be available for viewing. Cocktails and hors d'oeuvres will be served.

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



THURSDAY | November 19, 2015

7:00AM-8:00AM INTERNATIONAL BOARD OF HAIR RESEARCH SOCIETIES MEETING *(invitation only)*

7:30AM-5:00PM EXHIBIT VIEWING

7:30AM-9:00PM POSTER VIEWING

7:30AM-8:45AM FORMAL POSTER SESSION: EVEN NUMBERS

7:30AM-9:30AM EXHIBITS & POSTER VIEWING WITH COFFEE AVAILABLE

Coffee generously sponsored by Procter & Gamble.

8:30AM-10:00AM HAIR TRANSPLANTATION



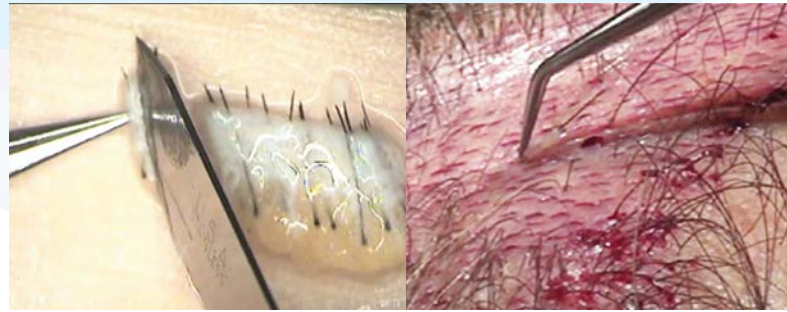
Bernard P. Nusbaum, MD



Nilofer P. Farjo, MBChB



Chang-Hun Huh, MD, PhD



DIRECTOR

Bernard P. Nusbaum, MD, Voluntary Faculty, University of Miami Miller School of Medicine, Department of Dermatology and Cutaneous Surgery

CO-DIRECTORS

Nilofer P. Farjo, MBChB, Director, Farjo Hair Institute, Manchester, United Kingdom

Chang-Hun Huh, MD, PhD, Associate Professor, Department of Dermatology, Seoul National University Bundang Hospital, South Korea

INVITED SPEAKERS

What are the criteria for FUE vs FUT donor harvesting?

Nilofer P. Farjo, MBChB

Robotic Hair Transplant Surgery

Chang-Hun Huh, MD, PhD

Plus selected oral abstract presentations

LEARNING OBJECTIVES

- Describe the latest techniques and technologies in hair transplantation for hair loss.

8:30AM-11:00AM LIVE PATIENT VIEWING & DISCUSSION



Antonella Tosti, MD

DIRECTOR

Antonella Tosti, MD, Clinical Professor, Department of Dermatology and Cutaneous Surgery, University of Miami, Miami, FL, USA

With the collaboration of residents and fellows from the University of Miami Department of Dermatology and Cutaneous Surgery

LEARNING OBJECTIVES

- Recognize the different clinical features that distinguish between telogen effluvium and patterned hair loss and between the lymphocytic and neutrophilic scarring alopecias.

8:30AM-9:15AM Patient Viewing

9:15AM-11:00AM Discussion

11:00AM-11:30AM COFFEE BREAK WITH EXHIBITS & POSTER VIEWING *Coffee generously sponsored by Women's Rogaine.*

11:30AM-1:00PM **IMMUNOBIOLOGY, ALOPECIA AREATA**



Maria K. Hordinsky, MD



Amos Gilhar, MD



Ralf Paus, MD



Angela M. Christiano, PhD

DIRECTOR

Maria K. Hordinsky, MD, Professor and Chair, Department of Dermatology, University of Minnesota, Minneapolis, MN, USA

CO-DIRECTORS

Amos Gilhar, MD, Professor of Dermatology, Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, Israel

Ralf Paus, MD, Professor of Cutaneous Medicine, University of Manchester, United Kingdom

INVITED SPEAKERS

Targeting Immune Cells in Alopecia Areata

Angela M. Christiano, PhD, Professor of Dermatology and Genetics & Development, Columbia University, New York City, NY, USA

NK and NK-like cells in alopecia areata

Amos Gilhar, MD

Putting things into perspective: How close have we really come to understanding the pathobiology of alopecia areata?

Ralf Paus, MD

Plus selected oral abstract presentations

LEARNING OBJECTIVE

- Outline recent advances in the pathophysiology and treatments of alopecia areata.

1:00PM-2:30PM **SATELLITE SYMPOSIUM** **New Insights and Cosmetic Approaches for Healthy Hair and Scalp** (ticket required) **NO-CME**



John Gray, MD



Jennifer Marsh, PhD



Jim Schwartz, PhD

Sponsored and organized by:



MODERATOR

John Gray, MD, Medical Advisor, Procter & Gamble, Durban, South Africa

SPEAKERS

Jennifer Marsh, PhD, P&G Research Fellow, Cincinnati, OH, USA

Jim Schwartz, PhD, P&G Research Fellow, Victor Mills Society

Cosmetic hair and scalp care technology has been available for decades, yet recent advances in research continue to push the boundaries. Understanding the effects of oxidation on the properties of the pre-emergent and post-emergent hair has led to new technology and treatment possibilities. These advances along with practical considerations will be discussed over lunch during P&G's Satellite Symposium.

Disclaimer: The Satellite Symposia are informational programs with the topic, program, and speakers selected and organized by the sponsoring company. They are paid opportunities by companies. CME Credit is not issued for the Satellite Symposia. Lunch is provided by the sponsoring company. Pre-registration is required and confirmed on a first-come, first-served basis. Fee: \$0.



CONCURRENT SESSIONS

2:30PM-4:00PM MORPHOGENESIS, NEOGENESIS, AND TISSUE ENGINEERING



Sarah E. Millar, PhD



Vladimir Botchkarev, MD, PhD



Marja L. Mikkola, PhD



Cheng-Ming Chuong, MD, PhD



Bruce A. Morgan, PhD

DIRECTOR

Sarah E. Millar, PhD, Professor, Departments of Dermatology and Cell & Developmental Biology and Vice-Chair for Research, Department of Dermatology, University of Pennsylvania, Philadelphia, PA, USA

CO-DIRECTORS

Vladimir Botchkarev, MD, PhD, Professor of Cutaneous Biology, University of Bradford, United Kingdom; Adjunct Professor of Dermatology, Boston University, Boston, MA, USA

Marja L. Mikkola, PhD, Team Leader, Developmental Biology Program, Institute of Biotechnology, University of Helsinki, Finland

INVITED SPEAKERS

Molecular mechanisms controlling hair follicle development and growth

Sarah E. Millar, PhD

Regeneration of skin appendages: Physiological and wound induced responses

Cheng-Ming Chuong, MD, PhD, Professor of Pathology, Chair, Graduate Committee, University of Southern California, Los Angeles, CA, USA

Getting it right: Coordinating progenitors and their niche to specify hair size and structure

Bruce A. Morgan, PhD, Associate Professor, Harvard Medical School and Massachusetts General Hospital, Boston, MA, USA

Plus selected oral abstract presentations

LEARNING OBJECTIVES

- Describe recent developments in research on hair follicle development, regenerative growth, wound-induced neogenesis and tissue engineering.
- Understand the basic mechanisms controlling hair follicle development and growth, be familiar with some of the current research in this area, and appreciate how these discoveries may eventually be applied to treating hair disorders.

2:30PM-4:00PM CICATRICAL ALOPECIA



Elise A. Olsen, MD



Andrew G. Messenger, MD



Nonhlanhla P. Khumalo, MBChB, PhD

DIRECTOR

Elise A. Olsen, MD, Professor of Dermatology and Medicine; Director, Hair Disorders Research and Treatment Center; Director, Dermatopharmacology Study Center, Duke University Medical Center, Durham, NC, USA

CO-DIRECTOR

Andrew G. Messenger, MD, Professor of Dermatology, University of Sheffield, United Kingdom

INVITED SPEAKERS

Frontal Fibrosing Alopecia: preliminary results of a multicenter study

Elise A. Olsen, MD

Low-hanging Fruit: Identifying Preventable Causes of Scarring Alopecia

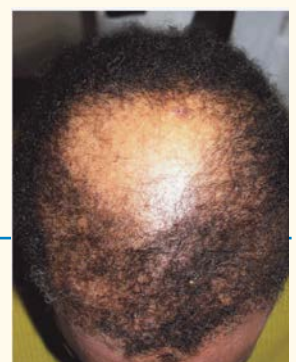
Nonhlanhla P. Khumalo, MBChB, FCDerm, PhD, Professor and Head of Division of Dermatology, University of Cape Town, South Africa

Plus selected oral abstract presentations

LEARNING OBJECTIVES

- Outline the recent advances and research outcomes of treatments for cicatricial alopecia.

LEFT: FFA.
Courtesy of Cicatricial Alopecia Research Foundation.
RIGHT: CCCA.
Courtesy of Yolanda Lenzy, MD, MPH.



4:00PM-4:30PM COFFEE BREAK WITH EXHIBITS & POSTER VIEWING

4:30PM-6:00PM AUXILIARY CELLS



Valerie Horsley, PhD



Mirna Perez-Moreno, PhD



Mayumi Ito, PhD

DIRECTOR

Valerie Horsley, PhD, Associate Professor of Molecular, Cellular & Developmental Biology, Yale University, New Haven, CT USA

INVITED SPEAKERS

Links between macrophages and the activation of the skin stem cell niche

Mirna Perez-Moreno, PhD, Group Leader, Epithelial Cell Biology Group, Cancer Cell Biology Program, Spanish National Cancer Research Center, Madrid, Spain

Melanocyte stem cells in the hair follicle

Mayumi Ito, PhD, Associate Professor, Department of Dermatology, Department of Cell Biology, New York University School of Medicine, New York, NY, USA

Regulation of dermal adipocytes

Valerie Horsley, PhD

Plus selected oral abstract presentations

LEARNING OBJECTIVES

- Discuss the role of auxiliary cells in the regulation of hair follicle biology.

6:15PM-7:00PM GREAT CASES FROM SOUTH AMERICA



Ricardo Romiti, MD, PhD



Maria E. Cappetta, MD



Isabella Doche, MD

DIRECTOR

Ricardo Romiti, MD, PhD, Director, Hair and Scalp Disorders Clinic, University of São Paulo, Brazil

CO-DIRECTORS

María E. Cappetta, MD, Medical Doctor Specialist in Dermatology, Hair Clinic at CEMIC (Centro de Educación Médica e Investigaciones Clínicas- Fundación Norberto Quirno) and Buenos Aires Skin, Buenos Aires, Argentina

Isabella Doche, MD, Dermatologist and PhD student, University of São Paulo, Brazil; Research Fellow, University of Minnesota, MN, USA

LEARNING OBJECTIVES

- Review a variety of case presentations on hair research and clinical hair disorders from South America.



FRIDAY | November 20, 2015

7:30AM-5:30PM EXHIBIT VIEWING

7:30AM-5:30PM POSTER VIEWING

7:30AM-8:45AM FORMAL POSTER SESSION: ODD NUMBERS

7:30AM-9:00AM **SATELLITE SYMPOSIUM** Quality of Life Considerations and Treatment Opportunities in Female Pattern Hair Loss

(ticket required) **NO-CME**



Richard G. Fried, MD, PhD



Ulrike Blume-Peytavi, MD



Amy McMichael, MD

During the symposium, the speakers will share the latest clinical research findings of the treatment of FPHL using 5% Minoxidil foam, translating clinical outcomes into improvement in quality of life. The emotional and counseling aspects of FPHL will be discussed focusing on change in the conversation between healthcare professionals and patients.

Disclaimer: The Satellite Symposia are informational programs with the topic, program, and speakers selected and organized by the sponsoring company. They are paid opportunities by companies. CME Credit is not issued for the Satellite Symposia. Breakfast is provided by the sponsoring company. Pre-registration is required and confirmed on a first-come, first-served basis. Fee: \$0.

Sponsored and organized by:



MODERATOR

Richard G. Fried, MD, PhD, Yardley Dermatology

SPEAKERS

Richard G. Fried, MD, PhD

Ulrike Blume-Peytavi, MD, University Professor, Executive Medical Director Department of Dermatology and Allergy, Director Clinical Research Center for Hair and Skin Science, Charité-Universitätsmedizin Berlin

Amy McMichael, MD, Professor and Chair, Department of Dermatology, Wake Forest Baptist Health, Winston-Salem, NC, USA

LEARNING OBJECTIVES

- Discover the latest clinical findings on the treatment of Female Pattern Hair Loss using a novel, marketed 5% Minoxidil foam.
- Learn the psychological impact of FPHL and the need for patient behavioral counselling and emotional support.

9:30AM-11:00AM **HORMONES, HAIR GROWTH AND PATTERN HAIR LOSS**



Wilma F. Bergfeld, MD



Rodney Sinclair, MBBS, MD



Ulrike Blume-Peytavi, MD



Valerie A. Randall, PhD

DIRECTOR

Wilma F. Bergfeld, MD, Professor of Pathology, and Dermatology, Cleveland Clinic, Cleveland, OH, USA

CO-DIRECTORS

Rodney Sinclair, MBBS, MD, Professor of Dermatology, University of Melbourne, Australia

Ulrike Blume-Peytavi, MD, University Professor, Executive Medical Director Department of Dermatology and Allergy, Director Clinical Research Center for Hair and Skin Science, Charité-Universitätsmedizin Berlin

INVITED SPEAKERS

Translational approach to androgenetic alopecia – clinical and molecular read-outs

Ulrike Blume-Peytavi, MD

Regulations of human hair growth: androgens and prostanoids

Valerie A. Randall, PhD, Professor of Biomedical Sciences, Centre for Skin Sciences, School of Life Sciences, University of Bradford, Bradford, United Kingdom

Plus selected oral abstract presentations

LEARNING OBJECTIVES

- Outline the recent advances and research outcomes of treatments for pattern hair loss.

11:00AM-11:30AM **COFFEE BREAK WITH EXHIBITS & POSTER VIEWING** *Coffee generously sponsored by Samumed.*

11:30AM-1:00PM **STEM CELLS AND STEM CELL NICHES**



George Cotsarelis, MD



Colin Jahoda, PhD



Manabu Ohyama, MD, PhD



Tudorita Tumar, PhD



Pantelis Rompolas, PhD

DIRECTOR

George Cotsarelis, MD, Professor and Chair, Department of Dermatology, University of Pennsylvania, Philadelphia, PA, USA

CO-DIRECTORS

Colin A. B. Jahoda, PhD, Professor, School of Biological and Biomedical Sciences, Durham University, United Kingdom

Manabu Ohyama, MD, PhD, Professor, Department of Dermatology, Kyorin University School of Medicine, Tokyo, Japan

INVITED SPEAKERS

Molecular Control of Hair Follicle Stem and Progenitor Cells

Tudorita (Doina) Tumar, PhD,

Associate Professor, Department of Molecular Biology and Genetics, Cornell University, Ithaca, NY, USA

Mechanisms of hair follicle stem cell fate by live imaging

Pantelis Rompolas, PhD, Assistant Professor, Department of Dermatology, University of Pennsylvania, Philadelphia, PA, USA

Plus selected oral abstract presentations

LEARNING OBJECTIVES

- Describe some of the latest developments in research on hair follicle stem cells and stem cell niches.

1:00PM-2:30PM **SATELLITE SYMPOSIUM** **New Clinical Evidence and the Role of Nutraceuticals for the Treatment of Thinning Hair**

(ticket required) **NO-CME**



Desmond J. Tobin, PhD



Glynis Ablon, MD



Mark Holland

Sponsored and organized by:



Clinical studies have demonstrated the ability of a nutraceutical supplement containing a proprietary blend of shark and mollusk powder derived from sustainable marine sources, to provide essential nutrients to aid in hair growth. The effectiveness of this product for the treatment of hair loss and thinning hair was the subject of a recent panel discussion by experts in dermatology and plastic surgery involving Dr. Heidi Waldorf, Dr. Vivian Bucay, Dr. Wendy Roberts and Dr. Steven Dayan.

LEARNING OBJECTIVES

- Understand the clinical evidence available surrounding nutraceuticals and their application for the treatment of thinning hair and hair growth.
- Identify other treatment options available and use of a multi-therapy approach.
- Discover the latest clinical evidence and the 25 year history of Viviscal dietary supplements and their application in modern medicine.
- Get a first look at the presentation of cell proliferation studies, bioavailability profile and glycosaminoglycan profile associated with the Aminomar® marine protein complex and its corresponding role and functionality in the application of hair growth.

MODERATOR

Desmond J. Tobin, PhD, Professor of Cell Biology, Centre for Skin Sciences (Director), School of Life Sciences, University of Bradford, Bradford, West Yorkshire, United Kingdom

SPEAKERS

Desmond J. Tobin, PhD, University of Bradford, Bradford, West Yorkshire, United Kingdom

Glynis Ablon, MD, Assistant Clinical Professor, UCLA; Ablon Skin Institute, Los Angeles, CA USA

Mark Holland, CEO N America, Lifes2good, Chicago, IL USA

Disclaimer: The Satellite Symposia are informational programs with the topic, program, and speakers selected and organized by the sponsoring company. They are paid opportunities by companies. CME Credit is not issued for the Satellite Symposia. Lunch is provided by the sponsoring company. Pre-registration is required and confirmed on a first-come, first-served basis. Fee: \$0.

2:30PM-4:00PM **EMERGING TECHNOLOGIES AND THERAPIES**



Ken Washenik, MD, PhD



Takashi Tsuji, PhD



Annika Vogt, MD

DIRECTOR

Ken Washenik, MD, PhD, Faculty, Department of Dermatology, New York University School of Medicine, New York, NY, USA; Bosley Medical Group, Beverly Hills, CA, USA

CO-DIRECTORS

Takashi Tsuji, PhD, Team Leader, Laboratory for Organ Regeneration, RIKEN Center for Developmental Biology, Chuou-ku, Kobe, Japan

Annika Vogt, MD, Associate Professor, University Pierre et Marie Curie (UPMC), Paris, France; Scientific Director of Experimental & Translational Research, Clinical Research Center for Hair and Skin Science, Department of Dermatology, Charité-University Medicine, Berlin, Germany

INVITED SPEAKERS

Hair Regeneration as a Future Organ Replacement Regenerative Therapy

Takashi Tsuji, PhD

Differences between affected and clinically non-affected scalp in male individuals with male pattern androgenetic alopecia: Linking of clinical and molecular biological findings

Annika Vogt, MD

Plus selected oral abstract presentations

LEARNING OBJECTIVES

- Discuss various emerging technologies and therapies as they relate to hair loss and hair growth.

4:00PM-4:30PM **COFFEE BREAK WITH EXHIBITS & POSTER VIEWING** *Coffee generously sponsored by Procter & Gamble.*

CONCURRENT SESSIONS

4:30PM-6:00PM **STRUCTURE, BIOLOGY & HAIR CURL, COLOR & LUSTER**



Thomas L. Dawson, Jr., PhD



Jolon Dyer, PhD



Amy McMichael, MD



John Lemasters, MD, PhD

DIRECTOR

Thomas L. Dawson, Jr., PhD, Senior Principal Investigator, Institute of Medical Biology, Agency for Science, Technology, and Research (A*STAR), Singapore

CO-DIRECTORS

Jolon Dyer, PhD, Science Group Leader, Food & Bio-Based Products, AgResearch, New Zealand

Amy McMichael, MD, Professor and Chair, Department of Dermatology, Wake Forest Baptist Health, Winston-Salem, NC, USA

INVITED SPEAKERS

Hair fiber structure and performance: mapping the cross-link network

Jolon Dyer, PhD

Intravital Multiphoton Imaging of Hair Shaft Biogenesis- Bioenergetics and Biomass Production in the Growing Hair Follicle

John J. Lemasters, MD, PhD, Professor, Departments of Drug Discovery & Biomedical Sciences and Biochemistry & Molecular Biology; Director, Center for Cell Death, Injury & Regeneration, Medical University of South Carolina, Charleston, SC, USA

Plus selected oral abstract presentations

LEARNING OBJECTIVES

- Outline current research in the structure and biology of the hair shaft, including hair curl, color, and luster.

4:30PM-6:00PM **NEW TOPICS SELECTED FROM ABSTRACTS: PART I**



Victoria H. Barbosa, MD, MBA, MPH



Woo-Young Sim, MD



Gillian E. Westgate, PhD

DIRECTOR

Victoria H. Barbosa, MD, MBA, MPH, Faculty, Department of Dermatology, Rush University

CO-DIRECTORS

Woo-Young Sim, MD, Professor and Chair, Department of Dermatology, Kyung Hee University, Seoul, Korea

Gillian E. Westgate, PhD, Business Development Manager, Centre for Skin Sciences, University of Bradford, United Kingdom; Director, Westgate Consultancy Ltd., United Kingdom

LEARNING OBJECTIVES

- Review a variety of case presentations on hair research and clinical hair disorders.

5:30PM-8:30PM **EXHIBITS DISMANTLE**

5:30PM-8:30PM **POSTERS DISMANTLE**

7:00PM-10:30PM **CONGRESS DINNER** (ticket required)

TROPICAL CUBAN Congress Dinner

DATE: Friday | NOVEMBER 20, 2015

TIME: 7:00PM-10:30PM

FEE: \$150 per ticket

LOCATION: Pool Terrace, InterContinental Hotel Miami

Come enjoy a fun-filled evening of socializing with your colleagues and friends, old and new. Join us on the pool terrace for a tropical evening of Cuban inspired dining, music and dancing!

The attire for the evening is cocktail or business. As the theme is tropical/Cuban, you may want to dress for the theme.

Tickets are required for entry and must be purchased in advance (see registration form). Tickets are not included in the main meeting registration fee.

PLEASE NOTE: Tickets to the Congress Dinner are non-refundable due to the guaranteed reservation that must be made on behalf of the attendee.

SATURDAY | November 21, 2015

7:00AM-8:00AM COFFEE WITH THE EXPERTS *Coffee generously sponsored by Women's Rogaine.*

Open to all attendees on a first-come, first served basis. This is an informal session for small groups to discuss a specific topic as noted on the list. The round tables in the General Session will be labeled with a topic and table leader's name. You may sit at any table you like and rotate to as many tables

as you wish. The table leader will start the group with a mini-presentation or opening remarks about the topic. The topics noted below are preliminary and subject to change. Table leader experts will be assigned in the next revision of the program.

- | | | | | | |
|--------------------------------------------|--------------------------------------|-----------------------------|---------------------------|---------------------------------------------|--------------------------------|
| • Alopecia Areata – New Treatments | • Follicular Neogenesis | • Hair Care | • Hair of African Descent | • Infections/Infestations | • Nutraceuticals |
| • Central Centrifugal Cicatricial Alopecia | • Female Pattern Hair Loss Diagnosis | • Hair Diseases in Children | • Hair Pathology | • Instruments You Need | • Robotic Hair Transplantation |
| • Cicatricial Alopecia | • Frontal Fibrosing Alopecia | • Hair Diversity | • Hair Pigmentation | • Low Level Laser Therapy | • Stem Cells |
| | • Genetic Testing | • Hair Dyes | • Hair Shaft Disorders | • Medical Therapy for Androgenetic Alopecia | • Trichoscopy |
| | | • Hair Loss in Women | | | |

7:00AM-8:00AM ANCILLARY MEETING Australasian Hair & Wool Research Society (AHWRS) General Membership Meeting

8:10AM-9:10AM SATELLITE SYMPOSIUM *to be announced*

9:30AM-11:00AM GENETICS, GENOMICS, AND PERSONALIZED MEDICINE/BIOMARKERS



Angela M. Christiano, PhD



Regina C. Betz, MD



Abraham Zlotogorski, MD

DIRECTOR

Angela M. Christiano, PhD, Professor of Dermatology and Genetics & Development, Columbia University

CO-DIRECTORS

Regina C. Betz, MD, Prof. Dr. med., Institute of Human Genetics, University of Bonn, Bonn, Germany

Abraham Zlotogorski, MD, Head, Department of Dermatology, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

INVITED SPEAKERS

Latest findings in the field of monogenic hair disorders
Regina C. Betz, MD

Mapping of hair disorders—Not everything is gold
Abraham Zlotogorski, MD

Plus selected oral abstract presentations

LEARNING OBJECTIVES

- Discuss the current research in genetics, genomics and personalized medicine/biomarkers as they relate to the hair follicle and hair disorders.

11:00AM-11:30AM COFFEE BREAK



11:30AM-1:00PM CLINICAL TRIALS *Session generously sponsored by Women's Rogaine.*



Jerry Shapiro, MD



Valerie D. Callender, MD



Rolf Hoffmann, MD



Won-Soo Lee, MD, PhD

DIRECTOR

Jerry Shapiro, MD, Professor, New York University Langone Medical Center, New York, NY, USA; and Professor, University of British Columbia, Canada

CO-DIRECTOR

Valerie D. Callender, MD, Associate Professor of Dermatology, Howard University College of Medicine, Washington, DC, USA

INVITED SPEAKERS

Treating Alopecia and Beyond: How the hair follicle may be an ideal resource for cell-based therapeutics

Rolf Hoffmann, MD, Professor, Replifel Life Sciences Inc., Vancouver, BC, Canada

Alopecia Areata: Clinicotherapeutic Trials and Updates

Won-Soo Lee, MD, PhD, Professor and Chairman, Department of Dermatology, Yonsei University, Wonju College of Medicine, Republic of Korea

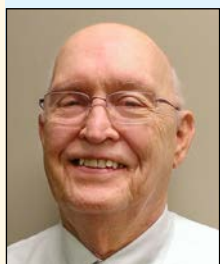
Plus selected oral abstract presentations

LEARNING OBJECTIVES

- Outline the current clinical trials in hair disorders

CONCURRENT SESSIONS

1:00PM-2:30PM NEW TOPICS SELECTED FROM ABSTRACTS: PART II



Lloyd E. King, MD, PhD



Sundaram Murugusundram, MD



Ryoji Tsuboi, MD, PhD

DIRECTOR

Lloyd E. King, MD, PhD, Professor of Medicine (Dermatology), Vanderbilt University Medical Center, Founder, Vanderbilt Dermatology Division & Residency, Nashville, TN, USA

CO-DIRECTOR

Sundaram Murugusundram, MD, Founder & Medical Director, Chennai Skin Foundation & Yesudian Research Institute, Chennai, India

Ryoji Tsuboi, MD, PhD, Professor and Chairman, Department of Dermatology, Tokyo Medical University, Tokyo, Japan

LEARNING OBJECTIVES

- Review a variety of case presentations on hair research and clinical hair disorders.

1:00PM-2:30PM ANCILLARY MEETING European Hair Research Society (EHRS) General Membership Meeting

1:00PM-2:30PM ANCILLARY MEETING The Korean Hair Research Society (KHRS) General Membership Meeting

2:30PM-3:00PM CLOSING CEREMONY AND AWARDS

Presentation of Awards & Prizes

Announcement of 2017 WCHR – Japan

Presentation of Congress Planning Committee Certificates

3:00PM ADJOURN

Exhibits

You are invited to visit the exhibits at the 9th World Congress for Hair Research, located in the Mezzanine on the second floor of the InterContinental Hotel Miami. Companies of interest to dermatologists, dermatologic surgeons, hair restoration surgeons and hair researchers will be displaying their products and services. Representatives will be available to answer questions. Coffee breaks will be served in the exhibit area.

EXHIBIT VIEWING HOURS

Wednesday
NOVEMBER 18, 2015 4:30PM-8:00PM
Welcome Reception in Exhibit Area 6:30PM-8:00PM

Thursday
NOVEMBER 19, 2015 7:30AM-5:00PM

Friday
NOVEMBER 20, 2015 7:30AM-5:30PM

EXHIBITORS DISMANTLE

Friday
NOVEMBER 20, 2015 5:30PM-8:30PM

The following is a list of exhibiting companies (as of copy deadline for this preliminary program), listed in alphabetical order by company name:

A to Z Surgical

25 Plant Ave.
Hauppauge, NY 11788 USA
Phone: 1-631-273-0005 or toll-free (U.S. & Canada) at 1-800-843-6266
Fax: 1-631-273-6199
kenny@georgetiemann.com
www.atozsurgical.com

Surgical instruments, microscopes, FUE devices and many other accessories for hair restoration.

Anthony Products/ Gio Pelle

7740 Records
Indianapolis, IN 46226 USA
Phone: 1-371-545-6196 or toll-free (U.S. and Canada) at 1-800-428-1610
Fax: 1-317-543-3289
customerservice@anthonyproducts.com
www.anthonyproducts.com
Charles Petrucciani

Anthony Products specializes in the distribution of ENT, Plastic Surgery and Dermatology instruments and equipment. Gio Pelle specializes in customized skin care and microdermabrasion. Private label opportunities are available for skin care.

BioLife Solutions, Inc.

3303 Monte Villa Parkway, Suite 310
Bothell, PA 98021 USA
Phone: 1-425-402-1400 or toll-free (U.S. & Canada) at 1-866-424-6543
info@biolifesolutions.com
www.biolifesolutions.com
Matt Snyder, VP Global Sales

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info@Canfieldsci.com
www.Canfieldsci.com

A global imaging service and systems provider offering solutions to improve communications and support claims through photographic documentation and image analysis.

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1430 South Dixie Highway, Suite 304
Coral Gables, FL 33146 USA
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www.capillus.com
Carlos Piña, CEO

Capillus, LLC manufactures & markets the FDA-cleared, Capillus272 laser therapy cap, a low-level laser device that is safe & effective for the treatment of hair loss due to heredity. The Capillus272 is a non-surgical option sold only through physicians.

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Phone: 647-894-7781
giorashavit@hotmail.com
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www.reload-hairloss.com
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(U.S. & Canada) at 1-800-368-4247
Fax: 1-678-566-1957
sales@coleinstruments.com
www.coleinstruments.com
Barbara Perkins

Hair transplant medical devices.

Ertip Medical

Halide Edip Adivar Mah. Akar Cad.
No: 38 Kat: 3 Daire: 8
Bomonti Sisli
Istanbul, 34382 TURKEY
Phone: 00902122103220
Fax: 00902122102565
info@ertipmedical.com
www.ertipmedical.com
Ms. Busra Eryigit, International Sales
& Marketing Manager

Ertip provides FUE punches and FUE Device Combi 24 developed for motorized system instead of manual use to open a canal for hair follicles fast and effectively. FUE punches vary in 6 different sizes which are 0,6 – 0,7 – 0,8 – 0,9 – 1,0 – 1,2 MM.

FotoFinder Systems GmbH

Aichner-Schmeid Strasse 3
Bad Birnbach, 84364 GERMANY
Phone: +49 8563 977200
info@fotofinder.de
www.fotofinder.de
Andreas Mayer

Fotofinder is a world leading manufacturer of medical imaging systems for dermoscopy, mole mapping, total body photography, photo documentation, skin analysis and teledermatology—from digital handheld dermatoscopes for iPhone to clinic solutions.

Haircheck

12188 SW 128th St.
Miami, FL 33186-5231 USA
Phone: 1-305-253-9200 or toll-free
(US & Canada) 1-800-233-7453
Fax: 1-305-253-6696
vidal@iberiusllc.com
www.haircheck.com
Mike Vidal, President

Patented technology measures hair loss, breakage, and response to treatments. Haircheck gives a precise measurement of "how much hair" is present in an area of scalp and will generate a "hair score" to aid in the diagnosis of thinning and shedding.

HairMax-Lexington International, LLC

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Boca Raton, FL 33431, USA
Phone: 1-561-314-2430
Fax: 1-561-892-0747
dm@hairmax.com
www.hairmax.com
David Michaels, Managing Director

HairMax laser phototherapy medical devices treat androgenetic alopecia and promote hair growth in both males and females, and are U.S. FDA cleared. Six double-blind studies were conducted, proving the safety and efficacy, with results published in 3 peer-reviewed journals.

Healeon Medical, Inc.

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Phone: 1-805-499-7482
sales@healeonmedical.com
www.healeonmedical.com
John Panik

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Perna Khemka, Director

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Mark Holland, CEO North America
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customerservice@pfdcusa.com
www.pierre-fabre.us
Anais Gueriaud, Product Manager -
Glytone

Pierre Fabre Laboratories is one of the largest pharmaceutical companies in France and a worldwide specialist in dermo-cosmetics including the Ducray brand, dedicating its research to the health and beauty of hair with clinically demonstrated results.

Procter & Gamble

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www.pgdermatology.com
Andy Sullivan

Procter & Gamble partners with leading health care professionals and scientists to develop breakthrough products that help improve the quality of patients' lives.

Q-SkinScience Forti5

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info@qskinscience.com
www.qskinscience.com

Q-SkinScience® Forti5 is a nutritional supplement designed by world leading dermatologists based on the most advanced hair loss research currently available. It helps to restore and support thicker and faster growth of thinning hair through five key pathways.

Women's Rogaine

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Phone: 1-800-223-0182
jhaus2@its.jnj.com
www.womensrogaie.com
Jared Haus, Director Professional
Marketing

The ROGAINE® brand is the first topical brand FDA-approved to help regrow hair - in both men and women. With 25 years of results and numerous clinical trials, the ROGAINE® brand is the #1 dermatologist-recommended brand for hair regrowth.

Scientific Posters

The scientific poster presentations will be on display in the Chopin and Biscayne Ballrooms on the Mezzanine Level. All accepted abstracts are required to prepare a poster. Poster display area for each poster is 4 ft x 4 ft (1.2m x 1.2m). No CME credit will be issued for poster viewing or poster sessions.

NOTE: At the time of this publication, the poster presenters have not yet been selected. The next program revision will include the list of accepted poster presentations.

POSTER SET-UP

Wednesday
NOVEMBER 18, 2015 1:00PM-4:30PM

POSTER VIEWING HOURS

Wednesday
NOVEMBER 18, 2015 6:30PM-8:00PM

Thursday
NOVEMBER 19, 2015 7:30AM-9:00PM

Friday
NOVEMBER 20, 2015 7:30AM-5:30PM

FORMAL POSTER SESSIONS

Thursday
NOVEMBER 19, 2015 7:30AM-8:45AM *even numbers*

Friday
NOVEMBER 20, 2015 7:30AM-8:45AM *odd numbers*

POSTER DISMANTLE

Friday
NOVEMBER 20, 2015 5:30PM-8:30PM

Continuing Medical Education (CME) Information

ACCREDITATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University of Miami Leonard M. Miller School of Medicine and North American Hair Research Society. The University of Miami Leonard M. Miller School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT HOURS

The University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of **23.5 AMA PRA Category 1 Credit™**. Physicians should claim only credit commensurate with the extent of their participation in the activity.

DISCLOSURE AND CONFLICT OF INTEREST RESOLUTION

All conflicts of interest of any individual(s) in a position to control the content of this CME activity will be identified and resolved prior to this educational activity being provided. Disclosure about provider and faculty relationships, or the lack thereof, will be provided to learners.



DISCLOSURE OF COMMERCIAL SUPPORT

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MIAMI

There's no place on Earth like Miami.

Made legendary during the whimsical Art Deco era, and again when Crockett and Tubbs of the TV show "Miami Vice" thrilled us as they raced across the city, Miami has evolved into the world's premier playground — so much more than it ever was before.

Officially called Greater Miami and the Beaches, Miami offers a fascinating blend of cutting edge urban chic and Old World Florida mixed with Cuban culture.



Miami is world renowned for its beautiful sand beaches, hot clubs and luxe lounges. Cosmopolitan crowds and beautiful surroundings make Miami the perfect place to party after a long day. Home to master chefs, five-star restaurants and the freshest ingredients, Miami has become a mecca for foodies. Miami's restaurants feature a blend of culture and culinary technique that has evolved into what is now known as New World Cuisine — a product of Caribbean, Latin and European cuisines unique to the destination.



Although the Cuban influence runs strong, Miami has an unparalleled mix of ethnic and cultural groups spread throughout the sprawling city (more than 100 languages spoken). Miami offers a live and

let live philosophy — an essential attitude in a large city with so many different points of view.

Glorious weather has always been the main attraction, with yearly temperatures in Miami averaging 76°F. Sun-kissed days feature bluer than blue skies, dotted with surreal cotton candy clouds. Gentle breezes keep things cool throughout the day, while sultry temperatures heat up clear "Moon over Miami" evenings.

In recent years, Miami has spawned its own artistic renaissance, hosting several prestigious film, music and art festivals while still offering local gallery walks down historic streets. In addition, Downtown Miami has been going through major development over the past several years. The latest addition is the currently under-construction Museum Park, a state-of-the-art, environmentally friendly bayfront facility. The stunning Pérez Art Museum Miami is now open, and the Frost Museum of Science will soon be open in early 2016.

Miami is home to two national parks and countless other attractions, so visitors have unlimited options — snorkeling, swimming with dolphins, playing with monkeys, hand-feeding alligators and conversing with parrots, to name a few.



Enjoy a day at sea. Sail across Biscayne Bay or snorkel at one of the recreational diving spots and let the calm waters of the Atlantic Ocean relax and inspire you. Sightseeing tours, beach excursions and sunset cruises provide just the right opportunity for visitors to dive right in.



MIAMI

EXPLORE MIAMI'S MANY EXCITING NEIGHBORHOODS

DOWNTOWN MIAMI The location of the InterContinental Hotel Miami, downtown is a hub for international business and finance, with soaring office towers and ultra-modern condominiums lining Brickell Avenue. Enjoy the shopping, dining and nightlife of the new and exciting Mary Brickell Village.

SOUTH BEACH/ART DECO DISTRICT South Beach is located just off the mainland, across the MacArthur Causeway from Downtown Miami, which is about a 20 minute drive. South Beach's Art Deco District pulls you in with an imaginative collection of more than 800 architecturally protected historic buildings from the 1930s and 1940s – the largest concentration of Art Deco architecture in the world. Referred to as the "American Riviera," South Beach is crowned by Ocean Drive,

friendly area of town is Lincoln Road, a lively magnet for culture, entertainment and shopping, as well as people watching.

DESIGN DISTRICT On the northern fringes of downtown, the Design District is home to leading home designer brand stores and also other fashion brand icons.

WYNWOOD With a tropical SoHo vibe, Wynwood is home to more than 100 art galleries and the astonishing Wynwood Wall, an open air park dedicated to cutting-edge museum quality contemporary urban murals.

LITTLE HAVANA Saturated with Cuban culture, Little Havana's main thoroughfare, Calle Ocho (Eighth Street) is lined with comfort food restaurants and cafes where men sip cafecitos, play dominos and argue about politics all day. Here, artisans still hand-roll cigars, and tailors create custom guayaberas (traditional linen shirts), while the sounds of salsa and meringue fill the air.

LITTLE HAITI This is the cultural heart for the Haitian Diaspora. The area boasts art galleries, Haitian book and music stores and the Little Haiti Cultural Center, which hosts dance and theater performances and is increasingly becoming a burgeoning center of small independent businesses of all kinds.

COCONUT GROVE South of downtown where the foliage becomes lush and tropical, Coconut Grove was legendary in its heyday as an arts colony. Today, the culturally diverse locality draws throngs of tourists and residents to its restaurants and cafes, art galleries, boutiques, farmers' markets and bookstores.

BAL HARBOUR A favored hideaway of the rich and famous, Bal Harbour epitomizes luxury living. Upscale hotels and condos offer oceanfront views, world-class beaches and resort spas all in a quiet, relaxing and high-end environment. This is a necessary stop for luxury shoppers as its shops and mall rival the world's most ultra-luxury shopping centers.

SUNNY ISLES BEACH The atmosphere in Sunny Isles Beach is casual. The funky 1950's motels and small beachfront hotels are giving way to luxury apartment towers and hotels. However, little has changed on the Newport Fishing Pier, where you can drop a line and fish from shore. For real deep-sea fishing, head to the charter boats docked on the Intracoastal Waterway at Haulover Beach Park. Across the way, a one-mile stretch of white sand and open ocean surf invites sunbathing and swimming. Oleta River State Park is a popular destination for kayaking and biking.

There are no WCHR group charter tours offered, but if you would like to arrange individual tours, you are encouraged to do so through the hotel concierge desk.
PHONE 1-305-372-4708
EMAIL concierge.icmiami@ihg.com

For more information on Greater Miami and all it has to offer, go to:
<http://www.miamiandbeaches.com/places-to-see>



a world class catwalk of see-and-be-seen boutique hotels, alfresco cafes, bikini-clad in-line skaters and beaches packed with fashionable sun seekers. Across from this pedestrian



GETTING AROUND DOWNTOWN WITH THE METROMOVER Everybody rides free on Metromover! This 4.4-mile electrically-powered, fully automated monorail people mover system connects with Metrorail at Government Center and Brickell stations and with Metrobus at various locations throughout downtown. Major destinations of the Metromover system include the American Airlines Arena, Bayside Market Place, Miami-Dade College and the Miami-Dade County School Board. The stop nearest the InterContinental Hotel Miami is Bayfront Park.

For more information go to: <http://www.miamidade.gov/transit/metromover.asp>.



SOME TOP THINGS TO DO AND SEE IN GREATER MIAMI



BASK ON THE MANY BEACHES The beach is the place to be, whether you want to swim, sunbathe, socialize or just soak up the local vibe.

BAY OR OCEAN CRUISE From yachts to catamarans to sail boats, there are many cruises available.

BAYFRONT PARK & BAYSIDE MARKETPLACE Bayfront Park leads into Bayside Marketplace, an entertainment, shopping and dining area for you to enjoy only steps away from the Hotel Intercontinental Miami.

EVERGLADES BOAT TOUR See the alligators in their natural habitat.

DEEP SEA FISHING Various fishing charters are available.

GOLF MIAMI BEACH Miami Golf Club and Crandon Golf at Key Biscayne are but a few of the many courses.

TOP NOTCH WORLD DINING Miami is home to master chefs, five-star restaurants and the freshest ingredients.

NIGHTLIFE AND NIGHTCLUBS Mary Brickell Village in downtown and South Beach are hot night spots. Some of the best known clubs are Mansion, Mango's Tropical Café, Dinner & Show, and Bongo's Cuban Café, owned by singer Gloria Estefan.

WORLD CLASS SHOPPING Everything from malls to luxury stores to concept shops, check out Lincoln Road, Bal Harbour and Miami Design District.

VIZCAYA MUSEUM & GARDENS This historical 50-acre Vizcaya estate offers a glimpse at life in turn-of-the-century South Florida.

ZOO MIAMI The Miami-Dade Zoological Park and Gardens, branded and commonly known as Zoo Miami, is the largest and oldest zoological garden in Florida, and the only tropical zoo in the United States.

JUNGLE ISLAND Jungle Island is a unique interactive zoological park.

MONKEY JUNGLE A 30-acre wildlife park established in 1933 for the exhibition and study of endangered monkeys in semi-natural habitats.





MEETING VENUE INFORMATION

InterContinental Hotel Miami

100 Chopin Plaza
 Miami, Florida 33131, USA
 Phone: 1-305-577-1000
 Fax: 1-305-577-0384

LEARN MORE about the InterContinental Miami at www.icmiamihotel.com

Located on Biscayne Bay in the heart of Miami's downtown financial district, facing Bayfront Park and just a short walk away from Bayside Marketplace, this centrally located hotel offers contemporary style and grandeur.

Built in 1982 by famed architect Pietro Belluschi, the InterContinental Miami quickly earned a reputation as the premier luxury hotel for business and leisure travelers alike – a place where heads-of-state, foreign dignitaries, royalty, rock-stars and celebrities choose to stay. The breathtaking focal point of the beautiful open lobby is an 18-foot, 70-ton Spindle sculpture made of travertine marble by sculptor Henry Moore.

The hotel rises 34 stories with views of the Atlantic Ocean, Biscayne Bay and the Port of Miami. Boasting 641 guestrooms including 34 suites, one of the largest hotels in Miami, this contemporary hotel offers sophistication and world class service just 7.5 miles from Miami International Airport. It is a completely smoke-free hotel.

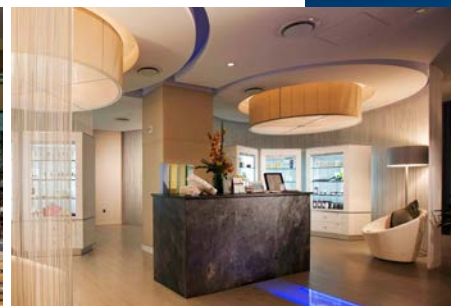
The hotel's dining options are stylish and delicious. Discover *Chef Richard Sandoval's Toro Toro Restaurant & Bar*, currently rated the #1 restaurant in Miami on TripAdvisor®, a Pan Latin steakhouse featuring small sharing plates and Latin spirits. *Table 40* is the exclusive chef's table experience. *Olé* is a breakfast eatery serving gourmet

a la carte and buffet options. *Blue Water* offers a casual poolside ambiance, handmade pizzas and salads, and overlooks Biscayne Bay. *Starbucks*, located in the lobby, offers its usual extensive selection of coffees, teas, baked goods and snacks. Convenient 24 hour room service offers private in-room dining.

The full service, 24 hour fitness centre caters to the health conscious offering workout clothes, luxury lockers and state-of-the-art equipment with free weights. The fitness club is complimentary for WCHR attendees.



The hotel's *mySpa* is an inviting retreat filled with soft light, calming waters, gentle aromas and rich fabrics. These design elements work together to stimulate the senses and create unique and memorable experiences. *mySpa* has 10 treatment rooms including a duet suite and a hydrotherapy suite, ladies' and gentlemen's relaxation lounges, steam rooms, saunas, deluge showers and manicure and pedicure suites. Just outside of the spa is a heated outdoor pool with a large, stylish sundeck overlooking Biscayne Bay.



In late 2012 the InterContinental Hotel Miami underwent an exciting \$30 million renovation, making it ultra trendy and cutting edge - full of lights and sounds. It now features a 19 story LED digital canvas on the building's exterior that can light up in different colors or feature moving images, a Times Square-style marquee at the entrance and a lobby that features 18 hanging LCD screens and touch screen coffee tables. The suites were renovated by tennis star Venus Williams' design firm.





STANDARD GUESTROOM FEATURES

- Oversized windows, with stunning views of downtown and Biscayne Bay
- High-speed wireless Internet access (complimentary to WCHR guests in the guest rooms and meeting space)
- European marble bathrooms
- Flat panel TVs
- In-room pay-per-view movies
- Premium HD cable and satellite television including TV Globo International
- Video checkout
- 24-hour room service
- In-room safe
- Laundry and valet services
- Oversized desk
- Phone with voicemail
- Mini bar
- Iron and ironing board
- Alarm clock radio with iPhone & iPad dock
- Coffeemaker
- Hair dryer



HOTEL ACCOMMODATIONS AND RATES

Discounted rates have been secured for the 9th World Congress for Hair Research at the InterContinental Hotel Miami for the dates of Monday/November 16, 2015 through Monday/November 23, 2015, based on availability.

\$179 single/double occupancy for standard rooms (with either a king size or two full size beds)

\$219 quad/triple occupancy for standard rooms (with two full size beds)

All room rates currently are subject to 13% room tax, which is subject to change. Children 12 years of age or younger may stay in their parent's or guardian's room at no charge in the existing bedding. There is a maximum occupancy of 4 people per room.

NOTE: WCHR guests in the room block will not be charged the hotel's \$10 per night service charge.* That service charge along with its benefits, are included in the WCHR group rate. Between the benefits of this fee and other added group benefits, WCHR attendees in the room block will receive:

- High speed internet access in the guest rooms and the meeting space
- Access to 24-Hour Fitness Center
- Access to mySpa sauna, steam, drench shower and relaxation rooms
- "No Excuses Workout" – complimentary fitness shorts, t-shirt and socks, in case you forgot to pack yours
- Two bottles of water in-room daily
- Daily Access on your personal smart device to "PressReader": featuring more than 2,000 newspapers and magazines, 100+ countries and 56 languages
- Poolside pampering, refreshments and sun care
- Turndown service on request
- Black and white copying/printing
- In-room premium Keurig Coffee & Tea
- Luggage storage for day of check-in and check-out

* When making reservations online, due to the hotel's system limitations, it shows the \$10 service fee as being added to your total. The hotel will adjust that off of your bill when you check in. Also, regardless of occupancy, the website shows the \$179 single/double rate. If you have triple or quad occupancy, the additional \$40 (one time charge includes three or four people) will be added at the time of check-in.

HOTEL DEPOSIT/GUARANTEE/CANCELLATION POLICY

In order to guarantee a guestroom, the hotel requires a one night deposit by credit card, cash or bank draft at the time of booking. The Hotel will not issue a charge to your credit card until the actual meeting. Guaranteed reservations will be held until 1:00AM on the date following the scheduled arrival date and thereafter will be released to the hotel for re-sale. You may cancel up to 48 hours prior to your arrival date without charge. If you are a no-show (do not show up) for your reservation, your credit card will be charged a penalty of one night only.

Check-in time is 4:00PM and check-out time is 12:00 noon.

**PLEASE
MAKE YOUR RESERVATION
EARLY**

this room rate is available
THROUGH OCTOBER 17, 2015,
or while room availability lasts.

HOW TO MAKE YOUR HOTEL RESERVATION

ONLINE: You may make your reservation online at the group rate. To access the InterContinental Hotel Miami's group booking website for the 9th World Congress for Hair Research, go to: <http://www.registration123.com/NAHRS/HAIR2015/Housing.cfm>

OR, alternatively, you may go to the hotel's website at www.icmiamihotel.com, go to Reservations, and enter the group code JVZ to access our group rate.

Note that you cannot cancel or make changes to your reservation online; you must call the hotel at 1-305-577-1000 or toll-free for U.S. and Canada at 1-800-327-3005, or other international callers may call toll-free at 1-877-834-3613. Alternatively, you may email Valrie Mills, Group Reservations Coordinator, at valrie.mills@ihg.com.

BY PHONE: You may make your reservation by calling the hotel directly at 1-305-577-1000 or toll-free for U.S. and Canada at 1-800-327-3005. All other international callers may call toll-free at 1-877-834-3613. **Please be sure to identify yourself as being with the 9th World Congress for Hair Research to receive the group rate – our group code is JVZ.**

AIRPORT & GROUND TRANSPORTATION INFORMATION

The InterContinental Hotel Miami is located only 7.5 miles from Miami International Airport (airport code MIA), a quick 15-20 minute drive. The estimated taxi fare is \$25 each way, plus tip.

TAXIS: A taxi will take 15-20 minutes between Miami International Airport and the hotel. The estimated taxi fare is \$25 each way, plus tip.

CAR RENTAL & PARKING: There is an Alamo Car Rental Desk at the hotel. Overnight parking at the hotel is \$39 per night.

METRORAIL: For \$2.25, you can ride the rails between Miami International Airport and the InterContinental Hotel Miami. Board the airport's free MIA Mover in the terminal to the Metrorail. Take the Metrorail orange line to downtown's Government Center stop where you will get on the free Metro Mover to the Bayfront Park stop, which is by the hotel. For further reference and maps, go to: <http://www.miamidade.gov/transit/miami-international-airport-station.asp>

VISIT THE WCHR2015 WEBSITE
FOR MEETING INFORMATION

www.hair2015.org

If you have any questions
or for more information, please contact:
REGISTRAR

North American Hair Research Society
303 West State Street, Geneva, IL 60134 USA
Phone 1-630-578-3991 | Fax 1-630-262-1520
info@nahrs.org | www.NAHRs.org

WEATHER

November marks the beginning of the onset of winter in Miami, but a warm winter it is. Compared to the sizzling heat of the summer months, many find this the best time of year to visit Miami for pleasant weather. The temperature will vary between a high of 79°F and a low of 66°F (26°C to 19°C). It is recommended that you pack a light jacket or sweater for evenings and air-conditioned meeting rooms. There is a lower expectation of rain in the month of November compared to preceding months, and there will be approximately 7 hours of daylight at this time of year. For those planning to take a dip in the ocean, the sea temperature is approximately 79°F in November.

PERSONS WITH DISABILITIES

The 9th World Congress for Hair Research 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 NAHRs Headquarters Office at 1-630-578-3991 or info@nahrs.org as soon as possible, and preferably before October 18, 2015.

TICKETS

Tickets are not required for the following, but a Congress name badge is required:

- Welcome Reception
- Posters
- Exhibits
- General and Concurrent Sessions, Wednesday through Saturday

Tickets are required for the following:

- Wednesday Pre-Conference Courses
- Satellite Symposia
- Friday Congress Dinner

You may opt to purchase Pre-Congress Course and Congress Dinner tickets separately during the WCHR online registration process. You may choose to register for the Satellite Symposium during the registration process. You will receive your tickets in your registration packet.

MEETING ATTIRE

The attire for the educational sessions is business. Attire at the Friday Evening Congress Dinner is cocktail or business. The Dinner theme is Cuban/tropical, so you may want to dress for the theme.

OFFICIAL LANGUAGE

The official language of the 9th World Congress for Hair Research is English. No simultaneous interpretation will be provided.

CANCELLATION/REFUND POLICY

Registration fees, less a \$100.00 administration fee, will be refunded upon written notice of cancellation to the WCHR2015 Registrar's office received on or before October 16, 2015. After October 16, 2015, 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 WCHR2015 Registrar's office. "No shows" who have not pre-paid will be invoiced for the total registration fee.

VIDEO, PHOTOGRAPHY & AUDIO RECORDING POLICY

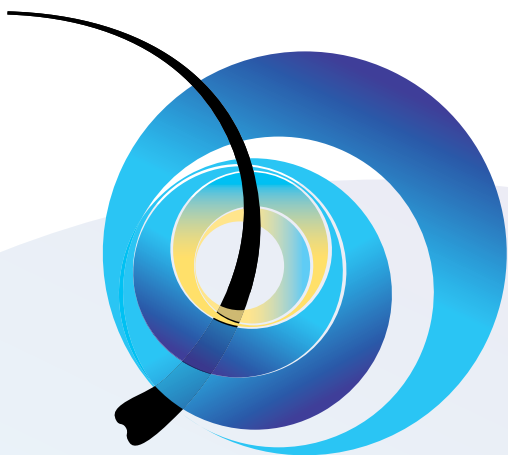
Video recording and/or photography are strictly prohibited in all educational sessions. Under no circumstances are video, digital or still cameras to be utilized in the educational sessions. This includes photos and videos taken with cellular phones. Violators will have their cameras/equipment confiscated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

CELLULAR PHONE POLICY

The use of cellular phones in the General & Concurrent Session or workshop rooms is strictly prohibited. Attendees must either turn off or vibrate cellular phones.

DISCLAIMER

As an educational meeting, the WCHR2015 does not specifically approve, promote or accept the opinions, ideas, procedures, medications or devices presented in any paper, poster, discussion, forum or panel, course, or satellite symposia. By attending this program, in no way does it suggest that participants are trained and/or certified in the disciplines of hair research, hair disease, hair growth, or hair loss. All speakers, topics, and schedules are subject to change without prior notification, and will not be considered reasons for refund requests.



9th World Congress for Hair Research (2015 WCHR)

November 18-21, 2015 | InterContinental Hotel Miami | 100 Chopin Plaza | Miami, Florida 33131 | USA

HOST/ORGANIZER North American Hair Research Society

OFFICIAL LANGUAGE English

CONGRESS PURPOSE The ultimate goal of the World Congress for Hair Research is to offer a comprehensive hair research meeting with our international colleagues to present new research, share experiences, and discuss new directions for the advancement of knowledge in hair growth, hair and scalp disease, and clinical care.

CONGRESS THEME The theme is **Reflect, Rejuvenate, and REGENERATE** as we reflect on hair follicle regeneration and rejuvenate our minds with new ideas and collaborations.

CONGRESS LOGO The center of the orb is a hair shaft from which swirls emanate. Symbolic nature of the shaft implies the conference is about all aspects that impact hair. Orb is symbolic of the world and convergence of ideas.

SCIENTIFIC ORGANIZING COMMITTEE

CONGRESS CO-CHAIR

Wilma F. Bergfeld, MD
Cleveland Clinic Foundation

CONGRESS CO-CHAIR

Angela Christiano, PhD
Columbia University

CONGRESS ASSOCIATE CHAIR & SECRETARY-TREASURER

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University of Minnesota

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The Procter & Gamble, Co.

Valerie Horsley, PhD
Yale University

Luis Garza, MD, PhD
Johns Hopkins University

Lynne J. Goldberg, MD
Boston University

Lloyd E. King, MD, PhD
Vanderbilt University

Julian Mackay-Wiggan, MD, MS
Columbia University

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University of Pennsylvania

Bernard P. Nusbaum, MD
University of Miami

Elise Olsen, MD
Duke University

Ricardo Romiti, MD, PhD
University of São Paulo

Jerry Shapiro, MD
University of British Columbia

John P. Sundberg, DVM, PhD
The Jackson Laboratory

Antonella Tosti, MD
University of Miami

Ken Washenik, MD, PhD
New York University/Bosley

INTERNATIONAL ADVISORY COMMITTEE

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Yang Won Lee

Young Lee

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Kevin Ley

Sundaram Murugusundram, MD

Yuliya Ovcharenko, MD

Bianca Maria Piraccini, MD

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Rodney Sinclair, MBBS, MD

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Ryoji Tsuboi, MD

Ken Washenik, MD, PhD

Patrick Yesudian, MD

Abraham Zlotogorski, MD

LOCAL ORGANIZING COMMITTEE

Lawrence A. Schachner, MD

Co-Chair, University of Miami

Antonella Tosti, MD

Co-Chair, University of Miami

DEVELOPMENT COMMITTEE

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Kevin McElwee, PhD

Paradi Mirmirani, MD

Elizabeth Ross, MD

Kim Salkey, MD

Adriana Schmidt, MD

Victoria Ceh, MPA

2015 WCHR CONGRESS SECRETARIAT

North American Hair Research Society

303 West State Street
Geneva, Illinois, 60134, USA
Tel 1-630-578-3991

Fax 1-630-262-1520

info@nahrs.org

Victoria Ceh, MPA, NAHRS Executive
Director & WCHR2015 Program Manager

Jule Uddfolk, CMP, Meetings & Exhibits
Manager

Kimberly Miller, Lead Registrar &
Headquarters Manager

Sue Reed, Registrar

Katie Masini, Registrar

Jeffrey Miller, Registrar & Technical
Support

Dawn Holler Wisher, Graphic Design

IMAGE CREDITS

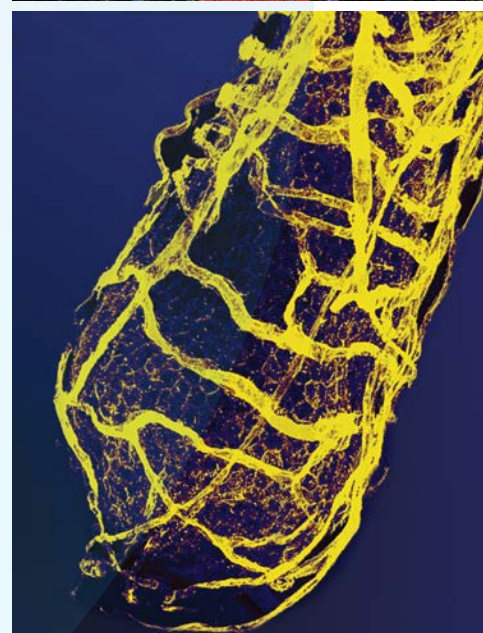
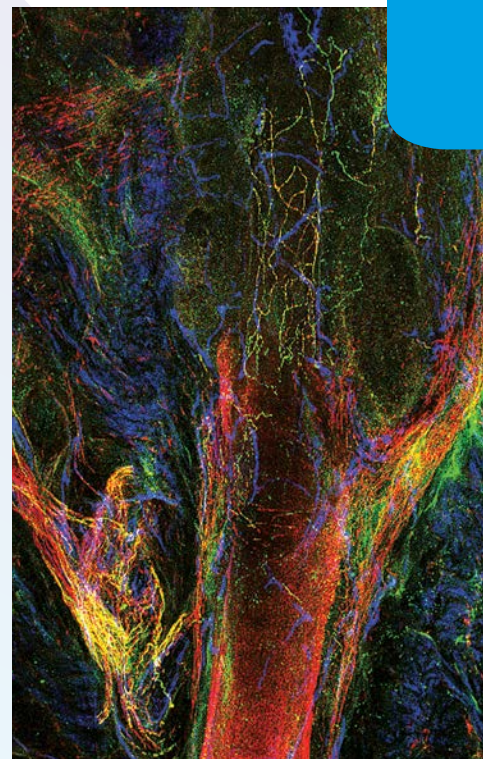
TOP: Confocal image of nerves, vessels and neuropeptides around the stem cell/bulge region of a human anagen scalp hair follicle.

Science/NSF International Science and Engineering Visualization Challenge - TopTen 2005.
MARNA ERICSON AND MARIA HORDINSKY, *Dermatology, University of Minnesota*

BOTTOM: Confocal image of the vascular network of the bulb region of an anagen human scalp hair follicle.

Science/NSF International Science and Engineering Visualization Challenge. Finalist 2006.
MARNA ERICSON AND MARIA HORDINSKY, *Dermatology, University of Minnesota*

Photos of Miami are courtesy of the Greater Miami Convention and Visitors Bureau, MiamiandBeaches.com.



Be an Early Bird to receive the best rates!

QUESTIONS?

TEL 1-630-578-3991
E-MAIL info@nahrs.org

THREE METHODS TO REGISTER

- 1 **ONLINE** <http://www.registration123.com/NAHRS/HAIR2015/Register.cfm>
- 2 **FAX** 1-630-262-1520
- 3 **MAIL** NAHRS, 303 West State Street
Geneva, IL 60134 USA

ONLINE REGISTRATION IS THE RECOMMENDED METHOD. Online registrations are processed immediately in real time and have a better chance to get first availability for pre-congress courses and satellite symposia. A confirmation letter/receipt will be automatically emailed to you.

IF YOU REGISTER VIA FAX OR MAIL, then please allow 5-7 days for processing – a confirmation letter/receipt will be emailed to you.

November 18-21, 2015
**9th World Congress
for Hair Research**
Miami • Florida • USA



FIRST NAME	MIDDLE INITIAL	LAST NAME	DEGREE (E.G., MD, PHD, MBBS, MBChB, etc)
ORGANIZATION / INSTITUTION			
JOB TITLE / ACADEMIC TITLE			
ADDRESS			
ADDRESS			
CITY		STATE/REGION	
POSTAL/ZIP CODE	COUNTRY	EMAIL (required)	
TELEPHONE		FAX	
IN CASE OF EMERGENCY, CONTACT (NAME)		RELATION	
TELEPHONE		EMAIL	

NOTE: When you pick up your name badge and registration packet at the Congress, please complete the reverse side of your name badge. It asks for emergency information and allergy/medical conditions.

MISCELLANEOUS ITEMS *Check all that apply*

- Physician Clinician
- Researcher/Scientist
- Practicing Trichologist
- Nurse or Other Allied Health Care Professional
- In-Training
- Accompanying Guest
- Industry: Pharma/Medical Device/ Other
- Other (indicate)

SPECIAL MEAL REQUESTS

- Vegetarian Vegan
- Kosher Halal

You will receive tickets in your registration packet for your special meals at the functions where special meals may be ordered. You must exchange your ticket for the meal with the server. Certain meal functions, such as buffets, may not have special tickets since there may be items on the buffet that you may choose from. All special meal requests must be received by October 27, 2015.

VISA HELP?

Please check this box if you will need an invitation letter to the congress on letterhead for purposes of obtaining a visa. A letter will be emailed to you.

General Registration Fee*

All fees are indicated in U.S. dollars.

	EARLY BIRD BY SEPT 1	REGULAR SEPT 2-NOV 8	LATE & ONSITE AFTER NOV 8
MEMBER A person who is a member of one of the 6 societies. Indicate: (<i>membership will be verified</i>) <input type="checkbox"/> Australasian Hair & Wool Research Society <input type="checkbox"/> European Hair Research Society <input type="checkbox"/> Hair Research Society of India <input type="checkbox"/> Society for Hair Science Research (Japan) <input type="checkbox"/> Korean Hair Research Society <input type="checkbox"/> North American Hair Research Society	\$595	\$675	\$725
NON-MEMBER Physicians, hair researchers, persons from related societies and specialties, and other individuals who wish to attend the scientific sessions and full congress	\$775	\$850	\$925
STUDENT/RESIDENT Medical school students, residents, and postdoc mentors. Must provide proof of enrollment or student ID/certificate to the Registrar by email-info@nahrs.org	\$250	\$275	\$300
INDUSTRY Individuals from industry who wish to attend the scientific sessions and full congress	\$1,110	\$1,185	\$1,250

*General Registration Fee includes a name badge and admittance to general scientific sessions, scientific posters, exhibits, coffee/refreshment breaks, option to register for pre-congress course (based on space availability), option to sign-up for satellite symposia (based on space availability), the Welcome Reception, a final program book & abstract book. Registration is non-transferable. No substitutions or transfer of tickets.

ATTENDEE PARTICIPATION AGREEMENT

All registrants must read and agree to this Agreement. See next page for full Agreement.

By signing below and/or registering for the World Congress, I agree to be bound by the terms of this Attendee Participation Agreement and to abide by all other policies and procedures of the NAHRS.

SIGNATURE

DATE

Pre-Congress Courses (*These run concurrently; full registration required to be eligible to attend*)

- Basic Course on Diagnosis and Treatment of Hair Disorders \$50
- Epidemiology & Clinical Trial Design \$50
- Basic Science Course for Hair Researchers \$50

Social Activities

- Welcome Reception **Extra Ticket** (*Accompanying Guest*) \$85 x ____ QTY= \$ ____
- Congress Dinner (*not included with registration fee*) \$150 x ____ QTY= \$ ____

Satellite Symposia (*Select as many as you wish to attend; Company-sponsored*)

- Procter & Gamble (*Thurs. afternoon LUNCH*) \$0
- Women's Rogaine (*Fri. morning BREAKFAST*) \$0
- Viviscal (*Fri. afternoon LUNCH*) \$0
- TBD (*Sat. morning*) \$0

TOTAL \$

PAYMENT INFORMATION

If paying by CHECK, make payable in U.S. Dollars to:
North American Hair Research Society

If paying by CREDIT CARD: Visa MasterCard American Express

CARD NUMBER

EXPIRATION DATE (MM/YYYY)

BILLING POSTAL CODE (PRINT)

NAME ON CARD (PRINT)

AUTHORIZED SIGNATURE

ATTENDEE PARTICIPATION AGREEMENT

I hereby request and consent to participate as an attendee at the 9th World Congress for Hair Research to be held Nov. 18-21, 2015, in Miami, Florida, USA (the "World Congress").

I understand that the material presented at the World Congress has been made available under sponsorship of the North American Hair Research Society ("NAHRS") 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.

I understand and acknowledge that volunteer patients have been asked to participate in the World Congress sessions, courses, and workshops ("Sessions") for educational and training purposes. I represent and warrant that I shall keep confidential the identity of, and any information I may receive during the World Congress regarding, such volunteer patients.

I further understand and agree that I cannot reproduce the World Congress Sessions, or portions thereof, in any manner, including, without limitation, by photograph, audiotape, or videotape – otherwise I will be dismissed from the session. All property rights in the material presented, including common law copyright, are expressly reserved to the presenter or to the NAHRS. The Sessions may be photographed by the NAHRS. I expressly grant the NAHRS permission to record my image by still photography during such Sessions, and I hereby waive any and all rights in and to such images/recordings.

The NAHRS is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available. Costs incurred by such individuals, such as airline or hotel fees or penalties, are their responsibility.

As a condition of my participation, I hereby waive any and all rights, actions, and claims I may have against the NAHRS, its directors, officers, members, employees and agents, or against the presenters or speakers, and release and discharge them from and against any and all liability for damage, injury, or disease that may arise from my participation or attendance at the World Congress, including, without limitation, the manner in which the World Congress is conducted and the information is presented.

Hair Research Societies

We gratefully acknowledge the contributions and affiliations of the hair research "sister societies."

Thank you for your support!

Australasian Hair and Wool Research Society

Organizer of 6th WCHR • June 16-19, 2010 • Cairns
 PRESIDENT Rodney Sinclair, MD, MBBS
 SECRETARY Mr. Kevin Ley
 TREASURER Prof. Leslie Jones

European Hair Research Society

Organizer of 7th WCHR • May 4-6, 2013 • Edinburgh
www.ehrs.org
 PRESIDENT Abraham Zlotogorski, MD
 SECRETARY Bianca Maria Piraccini
 TREASURER Nilofer Farjo, MBChB

The Hair Research Society of India

www.inhrs.org
 SECRETARY Sundaram Murugusundram
 PRESIDENT Prof. Patrick Yesudian

The Korean Hair Research Society

Organizer of 8th WCHR • May 14-17, 2014 • Jeju Island
www.khrs.or.kr
 PRESIDENT Woo-Young Sim, MD
 SECRETARY GENERAL Hoon Kang, MD, PhD

The Society for Hair Science Research (Japan)

Organizer together with JSCHR of 10th WCHR • October 31-November 3, 2017 • Kyoto
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