



2018 AHRS
AMERICAN HAIR RESEARCH SUMMIT
MAY 14-16 | ORLANDO, FL | USA

PROGRAM OUTLINE, AS OF 5/1/18

Monday/May 14, 2018

| | | | |
|----------------------|-----------|------|--|
| 1:00PM-8:00PM | | | Registration |
| 1:00PM-8:00PM | | | Speaker Ready Room |
| 2:00PM-8:30PM | | | Exhibit Viewing |
| 2:00PM-2:30PM | | | Poster Hang |
| 2:30PM-8:30PM | | | Poster Viewing |
| 3:00PM-4:00PM | | | Opening Ceremony |
| | | | Chairs: Wilma F. Bergfeld, MD, Cleveland Clinic, Cleveland, OH, USA Angela M. Christiano, PhD, Columbia University, New York, NY, USA Maria K. Hordinsky, MD, University of Minnesota, Minneapolis, MN, USA Antonella Tosti, MD, University of Miami, Miami, FL, USA |
| | 3:00-3:15 | 15 | Welcome and Introduction of AHRS Maria K. Hordinsky, MD, AHRS President AHRS Summit Co-Chair Wilma F. Bergfeld, MD, AHRS Summit Co-Chair |
| 01 | 3:15-3:40 | 25 | Keynote: Self-organization process in newborn skin organoid formation inspires strategy to restore hair regeneration of adult cells Cheng-Ming Chuong, MD, University of Southern California, Los Angeles, CA, USA |
| | 3:45-3:55 | 10 | Highlights of the Meeting Angela M. Christiano, PhD, AHRS Summit Co-Chair |
| 4:00PM-5:00PM | | | Session 1: Androgenetic Alopecia |
| | | | Chairs: Jerry Shapiro, MD, New York University School of Medicine, New York, NY, USA Ricardo Romiti, MD, PhD, University of São Paulo, Brazil |
| 02 | 4:00-4:15 | 12+3 | Crosstalk between androgen and Wnt/b-catenin signaling in Androgenetic Alopecia María Eugenia Balañá, PhD, Cesar Milstein Institute of Science and Technology – CONICET, Buenos Aires, Argentina |
| 03 | 4:15-4:25 | 8+2 | Breezula™ (cb-03-01) A Novel, Topical Anti-androgen In Phase II Development For The Treatment Of Androgenetic Alopecia (AGA) Maria K. Hordinsky, MD, University of Minnesota, Minneapolis, MN, USA |
| 04 | 4:25-4:37 | 10+2 | Hair Management of Transgender and Gender Nonconforming Patients Anthony Ho, BA, NYU Langone Health, New York City, NY, USA |
| 05 | 4:37-4:47 | 8+2 | Translational: Hair Follicle Neogenesis Kevin McElwee, PhD, RepliCel, Vancouver, BC, Canada, |
| 06 | 4:47-4:59 | 10+2 | Hair Follicle Stem Cell Stimulation By Naturally Secreted Growth Factors Induces New Hair Growth In Men And Women Michael P. Zimmer, PhD, Histogen, Inc., San Diego, CA, USA |
| 5:00PM-5:30PM | | | Networking Break, with Coffee Sponsored by Bioniz |

5:30PM-6:40PM**Session 2: Androgenetic Alopecia and PRP**

Chairs:

George Cotsarelis, MD, University of Pennsylvania, Philadelphia, PA, USA

Ricardo Romiti, MD, PhD, University of São Paulo, Brazil

| | | | |
|----|-----------|------|--|
| 07 | 5:30-5:45 | 12+3 | Clinical: PRP Clinical Trials in AGA Jerry Shapiro, MD, New York University School of Medicine, New York, NY, USA |
| 09 | 5:45-5:55 | 10 | Comparison Of Platelet Growth Factor Expression With Cancer Cells And Its Potential Implications In Platelet Rich Plasma Therapy Javed Mohammed, PhD, University of Minnesota, Minneapolis, MN, USA |
| 10 | 5:55-6:05 | 10 | The Role Of Platelet-rich Plasma In Alopecias As Quantitatively Measured By Optical Coherence Tomography: Prospective Pilot Study At A Single Center Natasha Atanaskova Mesinkovska, MD, PhD, University Of California Irvine, Irvine, CA, USA |
| 11 | 6:05-6:15 | 10 | Efficacy Of Platelet Rich Plasma For Androgenetic Alopecia May Be Determined By Growth Factor Concentration Kevin J. McElwee, PhD, Center for Skin Sciences, University of Bradford, Bradford, United Kingdom |
| | 6:25-6:40 | 15 | Panel Discussion: PRP: Hope or Hype? Moderator: George Cotsarelis, MD |

6:40PM-7:00PM**Come See My Poster – Fifteen 1-minute presentations**

Chairs:

Angela M. Christiano, PhD, Columbia University, New York, NY, USA

Daniel Asz-Sigall, MD, Mexico

| | | | |
|----|-----------|---|---|
| | 6:40-6:45 | 5 | Introduction Angela Christiano, PhD |
| 12 | 6:45-6:46 | 1 | Genetic Biosignatures Driving Cranio-facial Hair Follicle Patterning And Androgenetic Alopecia Yanne Doucet, PhD, Columbia University, New York, NY, USA |
| 13 | 6:46-6:47 | 1 | Markers Of Ageing In The Hair Follicle Environment- A Glimpse Into The Human Scalp Rachael Sutherland-Sedman, The University of Bradford, Bradford, United Kingdom |
| 14 | 6:47-6:48 | 1 | Successful Regrowth Of Hair In Alopecia Areata Using Platelet-rich Plasma As Quantitatively Measured By Optical Coherence Tomography Margit LW Juhasz, MD, University of California, Irvine, Irvine, CA, USA |
| 15 | 6:48-6:49 | 1 | Histopathological Findings Of Persistent Inflammatory Scalp, A Prelude To Primary Cicatricial Alopecia? Jorge Larrondo, MD, MSc, Clínica Alemana, Santiago, Chile |
| 16 | 6:49-6:50 | 1 | Fibrosing Alopecia In A Pattern Distribution (fapd) In 16 African Descent And Hispanic Female Patients: A Challenge Diagnosis Maria Fernanda Gavazzoni-Dias, MD, MSc, PhD, Universidade Federal Fluminense, Niterói, Brazil |
| 17 | 6:50-6:51 | 1 | Vitamin D Status In Scarring And Non-scarring Alopecia Ruzica Z. Conic, MD, Case Western Reserve University, Cleveland, OH, USA |
| 18 | 6:51-6:52 | 1 | Association Of Frontal Fibrosing Alopecia And Lichen Simplex Chronicus: Trichoscopy And Histopathological Features Carolina O. Costa Fechine, MD, Universidade de São Paulo, São Paulo, Brazil |

| | | | |
|----|-----------|---|--|
| 19 | 6:52-6:53 | 1 | The Use Of Platelet Rich Plasma To Treat Radiation-induced Scarring Alopecia: A Case Report Chloe N. Ekelem, MD, MPH, University of California, Irvine, Irvine, CA, USA |
| 20 | 6:53-6:54 | 1 | Effectiveness Of Laser Technology For Non-scarring And Scarring Alopecia Laura Uwakwe, MD, Wake Forest Baptist Medical Center, Winston-Salem, NC, USA |
| 21 | 6:54-6:55 | 1 | Multiphoton Microscopy For Diagnostic Indices In Alopecia Areata Jessica Lin, BSc, University of California, Irvine, Irvine, CA, USA |
| 22 | 6:55-6:56 | 1 | Optical Coherent Tomography In The Diagnosis Of Scalp Disorders Maria Abril Martinez Velasco, MD, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico |
| 23 | 6:56-6:57 | 1 | Anagen Hair Follicle Repair: A Regenerative Scheme Utilizing Ectopic Stem Cells To Resume Anagen After Follicular Injury Sung-Jan Lin, MD, PhD, National Taiwan University, Taipei, Taiwan |
| 24 | 6:57-6:58 | 1 | A Method To Produce A Hair Follicle Like Organoid Using Matrix Cells Khalid Bakkar, L'Oréal, Aulnay Sous Bois, France |

7:00PM-8:30PM

Poster Session with Networking and Wine & Cheese
Official AHRs Summit name badge required for entry.

Tuesday/May 15, 2018

7:00AM-5:30PM

Speaker Ready Room

7:30AM-5:30PM

Registration

7:30AM-7:00PM

Exhibit Viewing

7:30AM-7:00PM

Poster Viewing

7:30AM-8:00AM

Coffee and Visit Exhibits & Posters
Sponsored by Lilly

8:00AM-10:15AM

Session 3: Cicatricial and Permanent Alopecias

Chairs:

Maryanne M. Senna, MD, Massachusetts General Hospital, Boston, MA, USA

John P. Sundberg, DVM, PhD, The Jackson Laboratory, Bar Harbor, ME, USA

25

8:00-8:15

12+3

Sebaceous Gland Transcriptome for Lichen Planopilaris

Raja Sivamani, MD, MS, University of California-Davis, Davis, CA, USA

26

8:15-8:30

12+3

Animal Models of Scarring Alopecias

John P. Sundberg, DVM, PhD, The Jackson Laboratory, Bar Harbor, ME, USA

27

8:30-8:45

12+3

Hair follicle epithelial stem cells undergo EMT in LPP, which can be antagonized by PPAR γ agonists

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

28

8:45-8:57

10+2

Histopathology Of Facial Papules In Frontal Fibrosing Alopecia And Therapeutic Response To Oral Isotretinoin

Rodrigo Pirmez, MD, Santa Casa da Misericórdia of Rio de Janeiro, Rio de Janeiro, Brazil

29

9:00-9:15

12+3

New Techniques: Methods of Assessment of Cicatricial Alopecia

Elise A. Olsen, MD, Duke University Medical Center, Durham, NC, USA

30

9:15-9:30

12+3

Central Centrifugal Cicatricial Alopecia Clinical Presentation and Treatment Approaches

Amy McMichael, MD, Wake Forest School of Medicine, Winston-Salem, NC, USA

31

9:30-9:45

12+3

Prevalence of Centrifugal Cicatricial Alopecia in a Cohort of African American Women: Analysis of CCCA in the Black Women's Health Study

Yolanda M. Lenzy, MD, MPH, Lenzy Dermatology & Hair Loss Center, Chicopee, MA, USA

32

9:45-9:57

10+2

Tofacitinib Shows Efficacy In Treatment Of Lichen Planopilaris

Brigitte N. Sallee, MD, Columbia University, New York, NY, USA

10:00-10:15

15

Discussion on Managing Difficult Cases of Scarring Alopecia

Maryanne M. Senna, MD, and Wilma F. Bergfeld, MD

10:15AM-10:45AM

Networking Break, with Coffee
Sponsored by Aclaris

10:45AM-12:15PM**Session 4: Alopecia Areata**

Chairs:

Elise A. Olsen, MD, Duke University Medical Center, Durham, NC, USA

Julian Mackay-Wiggan, MD, MS, Siperstein Dermatology Group, New York, NY, USA

| | | | |
|----|-------------|------|---|
| 33 | 10:45-11:00 | 12+3 | Basic/Preclinical: Genetics, Immunology, Therapeutic Targets Angela M. Christiano, PhD, Columbia University, New York City, NY, USA |
| 34 | 11:00-11:15 | 12+3 | Clinical: Experience with JAK Inhibitors Wilma F. Bergfeld, MD, Cleveland Clinic, Cleveland, OH, USA |
| 35 | 11:15-11:25 | 8+2 | Preclinical to Clinical Translation of JAK Kinase Inhibitors Paul Changelian, PhD, Aclaris Therapeutics, Inc., Confluence Discovery Technologies, Wayne, PA, USA |
| 36 | 11:25-11:35 | 8+2 | Janus Kinase Inhibitor CTP-543: Emerging Treatment Option for Alopecia Areata James Cassella, PhD, Concert Pharmaceuticals, Lexington, MA, USA |
| 37 | 11:35-11:45 | 8+2 | Development of JAK Inhibitors for Alopecia Areata Samuel H. Zwillich, MD, Pfizer Inc, Groton, CT, USA |
| 38 | 11:45-11:57 | 10+2 | Role Of The Autophagy Protein, Syntaxin 17, In Melanogenesis And Alopecia Areata Stephanie O. Erjavec, BS, Columbia University, New York, NY, USA |
| 39 | 12:00-12:10 | 8+2 | Peptide Inhibitors Of Gamma-chain Cytokine Signaling In Development For The Treatment Of Alopecia Areata Nazli Azimi, PharmD, PhD, Bioniz Therapeutics, Irvine, CA, USA |

12:15PM-1:30PM**Lunch**

Join your colleagues for a beautiful sit-down lunch in the Posters & Exhibits room. Official AHRS Summit name badge required for entry.

1:30PM-3:30PM**Session 5: Photobiomodulation, Thermal and Light Therapies**

Chairs:

Maria K. Hordinsky, MD, University of Minnesota, Minneapolis, MN, USA

Neil Sadick, MD, Sadick Dermatology, New York, NY, USA

| | | | |
|----|-----------|------|--|
| 40 | 1:30-1:45 | 12+3 | Photobiomodulation for Treatment of Hair Loss: Mechanisms, Wavelengths, and Future Directions Yakir S. Levin, MD, PhD, Massachusetts General Hospital, Boston, MA, USA |
| 41 | 1:45-2:00 | 12+3 | Light Devices with Narrowband UVB Maryanne M. Senna, MD, Massachusetts General Hospital, Boston, MA, USA |
| 42 | 2:00-2:15 | 12+3 | Photobiomodulation: An Update On Novel Clinical Data For The Management Of Alopecia Ronda Farah, MD, University of Minnesota Medical School, Minneapolis, MN, USA |
| 43 | 2:15-2:30 | 12+3 | Lasercomb On Hair Regrowth In The C3H/HeJ Mouse Model Of Alopecia Areata And Rat Model Of Chemotherapy-induced Alopecia Jessica Cervantes, University of Miami Miller School of Medicine, Miami, FL, USA |
| 44 | 2:30-2:42 | 10+2 | A Clinical Comparison Of FDA-cleared Photobiomodulation Devices For The Treatment Of Alopecia Angela Wipf, BS, University of Minnesota, Department of Dermatology, Minneapolis, MN, USA |

| | | | |
|----|-----------|------|---|
| 45 | 2:44-2:57 | 10+2 | Fractional Photothermolysis And Induction Of Hair Follicle Growth: A Systematic Review And Single Academic Centerexperience Natasha Atanaskova Mesinkovska, MD, PhD, University Of California Irvine, Irvine, CA, USA |
| 46 | 3:00-3:15 | 12+3 | Combination Therapies For Hair Loss Using Energy Based Devices Neil Sadick, MD, Sadick Dermatology, New York, NY, USA |
| 47 | 3:15-3:30 | 12+3 | Chemotherapy-induced Alopecia: Prevention and Permanence Mario E. Lacouture, MD, Memorial Sloan Kettering Cancer Center, New York, NY, USA |

3:30PM-4:00PM

**Networking Break, with Coffee
Sponsored by Samumed**

4:00PM-5:45PM

Session 6: New Therapeutics, Diagnostic Methods, and Novel Ingredients

Chairs:

Valerie Callender, MD, Howard University College of Medicine, Washington, DC, USA

Amy McMichael, MD, Wake Forest School of Medicine, Winston-Salem, NC, USA

| | | | |
|----|-----------|------|--|
| 48 | 4:00-4:10 | 10 | Dermoscopy for scarring alopecias Isabella Doche, MD, PhD, University of São Paulo, São Paulo, Brazil |
| 49 | 4:10-4:20 | 10 | Dermoscopy for non-scarring alopecias Rodrigo Pirmez, MD, Santa Casa da Misericórdia of Rio de Janeiro, Rio de Janeiro, Brazil |
| 50 | 4:20-4:30 | 10 | Hair Cosmetics/Ingredients Maria Fernanda Gavazzoni-Dias, MD, MSc, PhD, Universidade Federal Fluminense, Niterói, Brazil |
| 51 | 4:30-4:40 | 8+2 | New Animal Models of Androgenetic Alopecia Jeff Wu, PhD, Johnson & Johnson, New Brunswick, NJ, USA |
| 52 | 4:40-4:52 | 10+2 | Mechanisms For KATp Channel In Cultured Human Dermal Papilla Cells Associated With Minoxidil-induced Hair Growth Hiroya Takada, PhD, Nippon Medical School Graduate School of Medicine, Tokyo, Japan |
| 53 | 4:55-5:10 | 12+3 | Hair Health – Lipid Pathways and Hair Biology Apostolos Pappas, PhD, Nestle Skin Health, Lausanne, Switzerland |
| 54 | 5:10-5:22 | 10+2 | Transplantation Of Cell Enriched Adipose Tissue For Follicular Niche Stimulation In Early Androgenetic Alopecia Gorana Kuka Epstein, MD, Foundation for Hair Restoration, Miami, FL, USA |
| 55 | 5:25-5:45 | 15+5 | Hair Follicle Microbiome Heidi H. Kong, MD, MHSc, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Cancer Institute, Dermatology Branch, Bethesda, MD, USA |

5:45PM-7:00PM

Poster Session and Networking

7:00PM-7:30PM

Poster Dismantle

7:00PM-8:30PM

Exhibits Dismantle

Wednesday/May 16, 2018

7:30AM-12:30PM

Registration

7:30AM-12:30PM

Speaker Ready Room

7:30AM-8:00AM

Coffee

8:00AM-9:45AM

Session 7: Stem Cells, Hair Follicle Neogenesis & Regenerative Medicine

Chairs:

Maksim Plikus, PhD, University of California-Irvine, Irvine, CA, USA

Valerie Horsley, PhD, Yale University, New Haven, CT, USA

| | | | |
|----|-----------|------|---|
| 56 | 8:00-8:15 | 12+3 | Hair Follicle Stem Cells George Cotsarelis, MD, University of Pennsylvania, Philadelphia, PA, USA |
| 57 | 8:15-8:30 | 12+3 | Regulation of Dermal Papillae Michael Rendl, MD, PhD, Icahn School of Medicine at Mount Sinai, New York, NY, USA |
| 58 | 8:30-8:45 | 12+3 | Hair Germ Stem Cell Kinetics Panteleimon Rombolas, MBA, PhD, University of Pennsylvania, Philadelphia, PA, USA |
| 59 | 8:45-9:00 | 12+3 | Noncoding Double-stranded RNA And Hair Regeneration Luis A. Garza, MD, PhD, Johns Hopkins University School of Medicine, Baltimore, MD, USA |
| 60 | 9:00-9:15 | 12+3 | SHH Signaling In Wound Induced Hair Follicle Neogenesis Mayumi Ito, PhD, NYU School of Medicine, New York, NY, USA |
| 61 | 9:15-9:30 | 12+3 | Dissecting The Hair Follicle Dermal Progenitor Lineage Towards Understanding Their Role In Hair Growth And Hair Loss Jeff Biernaskie, PhD, University of Calgary, Calgary, AB, Canada |
| 62 | 9:30-9:42 | 10+2 | Skin Equivalent Formation With Hair Follicular Structure Seung Hwan Paik, MD, Department of Dermatology, Seoul National University College of Medicine and Asan Medical Center, University of Ulsan College of Medicine, Seoul, Republic of Korea |

9:45AM-10:15AM

Networking Break, with Coffee

10:15AM-11:55AM

Session 8: Morphogenesis, Hair Growth and Hair Cycling

Chairs:

Luis A. Garza, MD, PhD, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Michael Rendl, MD, PhD, Icahn School of Medicine at Mount Sinai, New York, NY, USA

| | | | |
|----|-------------|------|---|
| 63 | 10:15-10:30 | 12+3 | Hair Patterning and telogen kinetics Maksim Plikus, PhD, University of California-Irvine, Irvine, CA, USA |
| 64 | 10:30-10:45 | 12+3 | Metabolic Regulation of Hair Follicle Growth William Lowry, PhD, UCLA, Los Angeles, CA, USA |
| 65 | 10:45-10:57 | 10+2 | IL-1 Mediated Activation Of $\gamma\delta$T Cells Promotes Tissue Regeneration In A Cutaneous Wound Rupali Gund, PhD, IFOM-inStem Joint Research Laboratory, Institute for Stem Cell Biology & Regenerative Medicine, Bangalore, India |
| 66 | 11:00-11:15 | 12+3 | Adipocytes and Hair Cycling Valerie Horsley, PhD, Yale University, New Haven, CT, USA |

| | | | |
|----|-------------|------|--|
| 67 | 11:15-11:27 | 10+2 | <p>Oncostatin M Produced By TREM2+ Macrophages Maintains Quiescence Of Hair Follicle Stem Cells Via JAK-STAT5 Signaling Etienne Wang, MBBS, PhD, Columbia University Medical Centre, New York, NY, USA</p> |
| 68 | 11:30-11:47 | 15+2 | <p>Wnt Signaling, Hair Cycling, And Wnt As A Therapeutic Target For Androgenetic Alopecia Sarah E. Millar, PhD, University of Pennsylvania, Philadelphia, PA, USA</p> |
| 69 | 11:47-11:55 | 6+2 | <p>Translational Development of a Wnt Pathway Modulator (SM04554) as a Potential Treatment for Androgenetic Alopecia John T. Seykora, MD, PhD, University of Pennsylvania, Philadelphia, PA, USA</p> |

11:55AM-12:00PM

Closing Remarks

Angela Christiano, PhD, AHRs Summit Co-Chair

12:00PM-12:30PM

AHRs Annual Business Meeting

Maria K. Hordinsky, MD, AHRs President
Antonella Tosti, MD, AHRs Secretary-Treasurer
Wilma F. Bergfeld, MD, AHRs Immediate Past President

SCIENTIFIC POSTERS

ALOPECIA AREATA

P001

Functional Genomic Investigation Of IL2RA Susceptibility Region In Alopecia Areata
Alexa Abdelaziz, PhD Candidate

P002

Treatment Of Severe Alopecia Areata With The Oral Janus Kinase Inhibitor Tofacitinib Citrate: The Cleveland Clinic Experience
Wilma Bergfeld, MD

P003

No Association Between Alopecia Areata And Visceral Or Hematopoietic Cancers
Ruzica Conic, MD

P004

Decreased Incidence Of Melanoma And Non-melanoma Skin Cancers In Patients With Alopecia Areata
Ruzica Conic, MD

P005

Role Of The Autophagy Protein, Syntaxin 17, In Melanogenesis And Alopecia Areata
Stephanie O. Erjavec, BS

P006

Suspected Herpes Zoster Associated Encephalitis During Treatment With Oral Tofacitinib In Alopecia Areata
Anna-Marie Hosking, BS

P007

Elevated Blood Plasma Matrix Metalloproteinase Function In Androgenetic Alopecia Patients
Kevin McElwee, PhD

ANDROGENETIC ALOPECIA

P009

Genetic Biosignatures Driving Cranio-facial Hair Follicle Patterning And Androgenetic Alopecia
Yanne Doucet, PhD

P010

The Oral Contraceptive Androgen Index: Relating Androgenicity And Progestin Content With Androgenetic Alopecia
Anthony Ho, BA

P011

Trichologic Response Of Combination Therapy Is Maintained After Initiation Of Platelet-rich Plasma In Androgenetic Alopecia
Anthony Ho, BA

P012

The Efficacy And Use Of Finasteride In Women: A Systematic Review
Allison Hu, BA

P014

Efficacy Of Platelet Rich Plasma For Androgenetic Alopecia May Be Determined By Growth Factor Concentration
Kevin McElwee, PhD

P015

A Case Series Of Spironolactone As An Effective Treatment for Female Pattern Hair Loss
Lauren Penzi, MD

P016

Alopecia In A Postmenopausal Woman Secondary To Leydig Cell Tumor: Successful Outcome With Tumor Excision And Topical Minoxidil 5% Solution
Luis Sánchez-Dueñas

P017

Androgenetic Alopecia (aga) And Polycystic Ovary Syndrome (pcos) In Adolescent Girls: A Retrospective Chart Review
Sapna Sundar, BA

P018

Mechanisms For KATp Channel In Cultured Human Dermal Papilla Cells Associated With Minoxidil-induced Hair Growth
Hiroya Takada, PhD

CICATRICAL ALOPECIA

P019

Tinea Capitis Mimicking Lichen Planopilaris In Adults
Sherihan Allam, MD, MSc

P020

Comorbid Conditions In Lichen Planopilaris: A Retrospective Data Analysis Of 334 Patients
Nikoleta Brankov, MD

P021

Distinct Trichoscopic Features Of The Sideburns In Frontal Fibrosing Alopecia Compared To The Frontotemporal Scalp
Jessica Cervantes

P022

Lichen Planopilaris And Hyperlipidemia: A Case Control Study
Ruzica Conic, MD

P023

Association Of Frontal Fibrosing Alopecia And Lichen Simplex Chronicus: Trichoscopy And Histopathological Features.
Carolina O. Costa Fachine, MD

P024

An Overlap Of Dissecting Cellulitis And Secondary Cutis Verticis Gyrata In A Patient With Frequent Use Of Hats: A Potential Risk Over Our Heads?
Maria Fernanda Gavazzoni-Dias, MD, MSc, PhD

P025

Fibrosing Alopecia In A Pattern Distribution (fapd) In 16 African Descent And Hispanic Female Patients: A Challenge Diagnosis.
Maria Fernanda Gavazzoni-Dias, MD, MSc, PhD

SCIENTIFIC POSTERS

P026

Characterizing PPAR Gamma Gene Expression In Central Centrifugal Cicatricial Alopecia
Yemisi Dina, BS

P027

The Use Of Platelet Rich Plasma To Treat Radiation-induced Scarring Alopecia: A Case Report
Chloe Ekelem, MD, MPH

P028

The Prevalence Of Misdiagnosis Of Scarring Alopecia From A Facebook Scarring Alopecia Support Group Member Survey
Dina Hagigeorges, BS

P029

Increased Prevalence Of Frontal Fibrosing Alopecia In A Specialized Hair Clinic.
Anthony Ho, BA

P030

Histopathological Findings Of Persistent Inflammatory Scalp, A Prelude To Primary Cicatricial Alopecia?
Jorge Larrondo, MD, MSc

P031

5 Alpha Reductase Inhibitor Treatment For Frontal Fibrosing Alopecia: An Evidence Based Treatment Update
Aizuri Murad

P032

A Systematic Review Of The Outcome Of Hair Transplantation In Primary Scarring Alopecia
Christine Pham, BS

P033

Histopathology Of Facial Papules In Frontal Fibrosing Alopecia And Therapeutic Response To Oral Isotretinoin
Rodrigo Pirmez, MD

P034

Updates In Therapeutics For Folliculitis Decalvans: A Systematic Review With Evidence Based Analysis
Pooja Rambhia, BA

P035

Updates In Therapeutics For Lichen Planopilaris: A Systematic Review With Evidence-based Analysis
Pooja Rambhia, BA

P036

Treatment Of Cicatricial Alopecia Due To Ccle
Fabia Schalch

P037

Atypical Presentations of Frontal Fibrosing Alopecia
Sarah Schneider

P038

Sebaceous Gland Abnormalities In Fatty Acyl Coa Reductase 2 (Far2) Null Mice Result In Follicular Dystrophy And Primary Cicatricial Alopecia
John Sundberg, DVM, PhD

P039

Frontal Fibrosing Alopecia Associated Facial Papules: Report Of Seven Cases And A Literature Review
Sarika Uppaluri

P040

Intralesional Triamcinolone Acetonide For Treatment Of Traction Alopecia
Laura Uwakwe, MD

MORPHOGENESIS AND HAIR CYCLING

P041

Markers Of Ageing In The Hair Follicle Environment- A Glimpse Into The Human Scalp
Rachael Sutherland-Sedman

P042

Oncostatin M Produced By TREM2+ Macrophages Maintains Quiescence Of Hair Follicle Stem Cells Via JAK-STAT5 Signaling
Etienne Wang, MBBS, PhD

HAIR COSMETICS

P043

Hair Management Of Transgender And Gender Nonconforming Patients
Catherine Motosko, BS

NEW THERAPEUTICS, DIAGNOSTIC METHODS, AND NOVEL INGREDIENTS

P044

Non-invasive Imaging Methods For Diagnostic And Prognostic Purposes In Alopecia
Natasha Atanaskova Mesinkovska, MD, PhD

P045

Hyperpigmented Upper Eyelid: A Clue To Diagnosis Of Facial Lichen Planus Pigmentosus
Maria Fernanda Gavazzoni-Dias, MD, MSc, PhD

P046

The Utility Of Non-invasive In Vivo Imaging In Monitoring Hair Loss Disorders: A Pilot Study
Chloe Ekelem, MD, MPH

P047

Determining The Value Of Hair Maintenance For Cancer Patients During Chemotherapy Treatment
Margit Juhasz, MD

P048

Successful Regrowth Of Hair In Alopecia Areata Using Platelet-rich Plasma As Quantitatively Measured By Optical Coherence Tomography
Margit Juhasz, MD

SCIENTIFIC POSTERS

P049

"Effect Of A Zinc Supplementation In Preventing Alopecia After Bariatric Surgery"

Jorge Larrondo, MD, MSc

P050

Optical Coherent Tomography In The Diagnosis Of Scalp Disorders

Maria Abril Martinez Velasco, MD

P051

Seborrheic Dermatitis, Describing Three Novel Trichoscopic Signs And Its Correlation To Malassezia Colonization

Maria Abril Martinez-Velasco, MD

P052

Trichoscopy in Dark Scalp

María Abril Martínez-Velasco, MD

P053

The Role Of Platelet-rich Plasma In Alopecias As Quantitatively Measured By Optical Coherence Tomography: Prospective Pilot Study At A Single Center

Natasha Atanaskova Mesinkovska, MD, PhD

P054

Comparison Of Platelet Growth Factor Expression With Cancer Cells And Its Potential Implications In Platelet Rich Plasma Therapy

Javed Mohammed, PhD

P055

Tofacitinib Shows Efficacy In Treatment Of Lichen Planopilaris

Brigitte Sallee, MD

P056

Effectiveness Of Laser Technology For Non-scarring And Scarring Alopecia

Laura Uwakwe, MD

P057

The Rise Of Transcutaneous Drug Delivery For The Management Of Alopecia: A Review Of Existing Literature And An Eye Towards The Future

Angela Wipf, BA

OTHER

P058

Alopecia Induced By Sorafenib: A Case Report

Alessandra Anzai

P059

Hair Loss In The Elderly: An Observational Study

Ruzica Conic, MD

P060

Vitamin D Status In Scarring And Non-scarring Alopecia

Ruzica Conic, MD

P061

Scalp Psoriasis-like Crusted Scabies: A Challenge To Overcome

Maria Fernanda Gavazzoni-Dias, MD, MSc, PhD

P062

Hair Transplantation: Technology, Science And Art

Gorana Kuka Epstein, MD PhD Candidate

P063

Multiphoton Microscopy For Diagnostic Indices In Alopecia Areata

Jessica Lin, BSc

P064

Patient Reported Stress Caused By Hair Loss Using A Numeric Rating Scale

Athena Manatis-Lornell, BA

P065

Pemphigus Vegetans Of The Scalp

Fabia Schalch

P066

A Comprehensive Literature Review Of The Efficacy Of Biotin For The Management Of Alopecia

Cassandra Walth, BS

P067

Trichoscopy Features Of Syphilitic Alopecia: A Report Of 5 Cases

Danielle C. Westphal

PHOTOBIO-MODULATION, THERMAL AND LIGHT THERAPIES

P068

Patient Design And Treatment Preferences Among Home-use Photobiomodulation Devices

MacKenzie Griffith, BA

P069

Fractional Photothermolysis And Induction Of Hair Follicle Growth: A Systematic Review And Single Academic Centerexperience

Natasha Atanaskova Mesinkovska, MD, PhD

P070

Photobiomodulation Laser Light Transmission On Cadaver Sheepskin

Ronda Farah, MD

P071

A Clinical Comparison Of FDA-cleared Photobiomodulation Devices For The Treatment Of Alopecia

Angela Wipf, BS

SCIENTIFIC POSTERS

STEM CELLS, HAIR FOLLICLE NEOGENESIS & REGENERATIVE MEDICINE

P072

A Method To Produce A Hair Follicle Like Organoid Using Matrix Cells
Khalid Bakkar

P073

Novel Tools To Study The Hair Follicle Stem Cell Niche And Its Regulation During Ageing
Carlos Clavel, PhD

P074

IL-1 Mediated Activation Of $\gamma\delta$ T Cells Promotes Tissue Regeneration In A Cutaneous Wound
Rupali Gund, PhD

P075

Regulation Of Skin Regeneration By Non-coding Rna Sensing
Nasif Islam, BS

P076

Non-coding dsRNA Induces Retinoic Acid Synthesis And Retinoid Signaling To Control Regeneration
Dongwon Kim

P077

Transplantation Of Cell Enriched Adipose Tissue For Follicular Niche Stimulation In Early Androgenetic Alopecia
Gorana Kuka Epstein, MD, PhD Candidate

P078

The Emerging Role Of Adipose Derived Tissue In The Treatment Of Alopecia And Scars Of The Scalp
Gorana Kuka Epstein, MD, PhD Candidate

P079

Anagen Hair Follicle Repair: A Regenerative Scheme Utilizing Ectopic Stem Cells To Resume Anagen After Follicular Injury
Sung-Jan Lin, MD, PhD

P080

Treatment Of Androgenetic Alopecia Using Intradermal Injections Of Cultured Autologous Dermal Sheath Cup Cells
Kevin McElwee, PhD

P081

Identifying The Key Niche Signals For Hair Follicle Formation
Ka Wai Mok, PhD

P082

Hair Follicle Stem Cell Stimulation By Naturally Secreted Growth Factors Induces New Hair Growth In Men And Women
Gail K. Naughton, PhD

P083

Skin Equivalent Formation With Hair Follicular Structure
Seung Hwan Paik, MD