Updated Program / Syllabus

Thursday, October 27

7:00 – 8:00 am  Registration and Continental Breakfast

8:00 – 8:05  Welcome from the Organizers
Pratima Karnik, PhD

8:05 – 8:15  NIAMS Director
Stephen I Katz, MD, PhD

8:15 – 9:35  Keynote Talks
Moderator: Kevin D Cooper, MD

8:15 – 8:55  Inflammatory Alopecia with a Focus on Cicatricial Alopecia
David A Norris, MD

8:55 – 9:35  UV Radiation and Autoimmune Disease in Women
Frederick W Miller, MD, PhD

9:35-9:45  Break

9:45 – 11:20  Bench - Mechanisms of Inflammation
Moderators: Thomas McCormick, PhD & Lloyd King, MD, PhD

9:45-10:05  NK and NKT Cells: Bridging the Innate and Adaptive Immune Systems
John R Ortaldo, PhD

10:05-10:25  Role of Environmental Factors in T Cell Differentiation and in Autoimmune Disease
Francisco J. Quintana, PhD

10:25-10:45  Hair Follicle Immune Privilege and Immune-mediated Attack in PCA
Matt Harries, MB ChB, MRCP (UK)
10:45–11:05  **Autoimmune Mechanisms in Cicatricial Alopecia**  
John E Harris, MD, PhD

11:05–11:20  **Panel Discussion and Q&A**  
Discussion Leaders: Thomas McCormick, PhD & Lloyd King MD

11:20–12:35  **Bedside - Disease Presentation and Epidemiology**  
Moderators: Paradi Mirmirani, MD & Vera Price, MD

11:20-11:40  **Clinical Aspects of Cicatricial Alopecia**  
Vera Price, MD

11:40-12:00  **Histopathological Aspects of Cicatricial Alopecia**  
Len Sperling, MD

12:00-12:20  **Central Hair Loss in African American Women**  
Elise Olsen, MD

12:20-12:35  **Panel Discussion and Q&A**  
Discussion Leaders: Paradi Mirmirani, MD & Vera Price, MD

12:35-1:45  **Lunch**

1:45 -3:00  **Bench–Nuclear Receptors & Lipids in Skin and Hair Disease**  
Moderators: John Varga, MD & Matt Harries, MB ChB, MRCP

1:45-2:05  **Hair Follicle Differentiation and Cycling in a Mouse Model of PPARγ Deletion**  
Beatrice Desvergne, MD, PhD

2:05-2:25  **Hair Growth Defects in Insig-Deficient Mice Caused by Cholesterol Precursor Accumulation and Reversed by Simvastatin**  
Bret Evers, MD, PhD

2:25-2:45  **Nuclear Receptors and Lipids in the Pathogenesis of Cicatricial Alopecia**  
Pratima Karnik, PhD

2:45- 3:00  **Panel Discussion and Q&A**  
Discussion Leader: John Varga, MD & Matt Harries, MB ChB, MRCP
3:00-3:10 Break

3:10 – 4:10 Bedside – Current and Emerging Therapies for Cicatricial Alopecia
Moderators: Jerry Shapiro, MD & Beatrice Desvergne, MD, PhD

3:10–3:30 Treatments for Cicatricial Alopecia
Jerry Shapiro, MD

3:30–3:50 Emerging Therapies for Cicatricial Alopecia
Paradi Mirmirani, MD

3:50-4:10 The Use of Pioglitazone in the Treatment of Lichen Planopilaris
Wilma Bergfeld, MD

4:10-4:30 PPARG in the Pathogenesis and Treatment of Scleroderma
John Varga, MD

4:30-4:45 Panel Discussion and Q&A
Discussion Leaders: Jerry Shapiro, MD & Beatrice Desvergne, MD, PhD

4:45-6:00 Abstract Presentations
Moderators: Sreejith Panicker, PhD and Helen Everts, PhD

4:45 –4:57 Safety and Efficacy of Clobetasol Propionate 0.05% Foam in the Treatment of Central Centrifugal Cicatricial Alopecia
Valerie D. Callender, MD

4:57 – 5:09 New Histopathologic Clues for Cicatricial Alopecia on Horizontal Sections
Mariya Miteva, MD

5:09 – 5:21 Assessment of Itch, Thermal and Pain Thresholds, and Neurogenic Inflammation in Central Centrifugal Cicatricial Alopecia
Ghada A. BinSaif, MD

5:21 – 5:33 Cicatricial Alopecia in Lumbee Tribe Native American of North Carolina
Amy McMichael, MD

5:33 – 6:00 Poster Viewing, Break and Cash Bar (Self Pay)
6:00 - 7:00  Dinner

7:00 – 7:05  Introduction of the Dinner Speaker
Kevin D Cooper, MD

7:05-8:05pm  Dinner Speaker: Skin Appendages as a Target for Dioxin Toxicity:
Molecular Lessons from Viktor Yuschenko Poisoning
Jean-Hilaire Saurat, MD

Friday, October 28

7:00-8:00 am  Registration and Continental Breakfast

8:00 – 8:45  Keynote Talk:
Moderator: Paradi Mirmirani, MD

8:00-8:45  Therapeutics for Rare and Neglected Diseases (TRND) Program
Christopher P. Austin, MD

8:45-9:00  Break

9:00-10:20  Identifying Translational Opportunities in Cicatricial Alopecia
Moderators: Kevin D Cooper, MD & Jean-Hilaire Saurat, MD

9:00-9:30  Identifying Novel Biomarkers for Disease Diagnosis and for Determining
the Efficacy of Drugs using a Systems Biology Approach
Donna L. Mendrick, PhD

9:30-10.00  Comparative Effectiveness Research and Implementation
David Margolis, MD, PhD

10:00-10:20  Panel Discussion and Q&A
Discussion Leaders: Kevin D Cooper, MD & Jean-Hilaire Saurat, MD

10:20-11:20  Abstract Presentations:
Moderators: Bret Evers, MD & Natasha Atanaskova-Mesinkovska, MD
10:20 – 10:32  Constitutive Expression of Aryl Hydrocarbon Receptor in Keratinocytes Causes Scarring Alopecia
S Parameswara Panicker, PhD

10:32 – 10:44  Dietary Vitamin A alters the progression of alopecia and dermatitis, a form of Central Centrifugal Cicatricial Alopecia in C57BL/6J Mice
Helen B. Everts, PhD

10:44 – 10:56  Prevalence of Vitamin D Deficiency in Scarring and Non-Scarring Alopecias
Melissa Piliang, MD

10:56 – 11:08  A Specialized Niche for a Reservoir of Stem Cells in Hair Follicle
Ying Xiao, PhD

11:08 – 11:20  Differential Expression of Stem Cell Markers in Lichen Planopilaris and Alopecia Areata
Natasha Atanaskova-Mesinkovska, MD

11:20-12:30  Stem Cells, Cicatricial Alopecia & Hair Follicle Regeneration
Moderators: George Cotsarelis, MD & Ken Washenik, MD

11:20-11:40  Prostaglandin D2 Inhibits Hair Growth and is Elevated in Bald Scalp of Men with Androgenetic Alopecia
Luis A Garza, MD

11:40-12:00  Sonic Hedgehog and a Perineural Niche Regulate Hair Follicle Stem Cells
Isaac Brownell, MD

12:00-12:20  Hair Follicle Bulge Stem Cells and Cicatricial Alopecia
George Cotsarelis, MD

12:20–12:30  Panel Discussion and Q&A
Discussion Leaders: George Cotsarelis, MD & Ken Washenik, MD

12:30-2:30  Box Lunch & Cicatricial Alopecia Workshop: Future Research Directions, Therapeutic Strategies and Clinical Trials
2:30-3:00  Workshop Summary and Meeting Overview
Workshop Moderators

3:00 pm  Meeting Adjourned