



North American Hair Research Society Scientific Meeting

-NO CME CREDIT OFFERED-

Presiders: Wilma F. Bergfeld, MD, President, and John T. Seykora, MD, PhD, Chair, Scientific Program Committee

Friday, May 8, 2015

6:00pm-9:30pm

Hilton Atlanta, Room: Grand Ballroom

OPEN TO ALL MEETING ATTENDEES

6:00pm-6:45pm: Poster Viewing & Reception

- 1. Subcutaneous abatacept in the treatment of moderate to severe alopecia areata.** Julian Mackay-Wiggan, Nhan M. Nguyen, Charlotte Clark, Ali Jabbari, Grace Ulerio, Megan Furniss, Raphael Clynes, Angela Christiano. *Poster #238*
- 2. Characterization of gene expression biomarker signatures in cross-sectional and longitudinal studies for use as an Alopecia Areata Disease Activity Index (ALADIN).** Jane E. Cerise, Ali Jabbari, Madeleine Duvic, Maria Hordinsky, David Norris, Vera H. Price, Julian Mackay-Wiggan, Raphael Clynes, Angela Christiano. *Poster #264*
- 3. Lymphatic vessel endothelial hyaluronan receptor-1 (LYVE-1) expression is similar in normal human parietal and occipital scalp.** Brooke Hanson, Melissa Weber-Sanders, James Hodges, Heather Bemmels, Maria Hordinsky, Marna Ericson. *Poster #277*
- 4. Multiple facial vellus hair cysts, ear pits, lipomas, macrocephaly, joint laxity and cardiac defects: A novel genodermatosis?** Marisa Grace G. Ponzo, Margot Van Allen, Magdalena Martinka, Jan P. Dutz. *Poster #449*
- 5. Low-level laser treatment of chemotherapy-induced alopecia: A preclinical study in rats.** Assuan Lens, Keyvan Nouri, Joaquin Jimenez, Tongyu C. Wikramanayake. *Poster #610*
- 6. Knockdown of Sulf2 causes hair loss in obese mice fed a fast food diet.** Jeannette M. Olazagasti, Catherine D. Moser, Tae H. Kim, Anuradha Krishnan, Lewis R. Roberts. *Poster #658*
- 7. Alterations of vitamin A metabolism and signaling in central, centrifugal, cicatricial alopecia patients.** Liye Suo, Wilma F. Bergfeld, Natasha Mesinkovska, Helen B. Everts. *Poster #665*
- 8. Preventing radiation-induced hair loss by augmenting spontaneous anagen repair through modulating wnt signaling.** Wen-Yen Huang, Hsien-Yi Chiu, Chih-Chieh Chan, Sung-Jan Lin. *Poster #670*
- 9. Novel diagnostic test predicts mean change in hair counts in female androgenetic alopecia patients treated with topical minoxidil.** John McCoy, Andy Goren, Janet Roberts, Nisha Desai. *Poster #672*
- 10. Enhancing hair follicle regeneration by microthermal injury.** Yueh-Feng Wu, Sabrina Mai-Yi Fan, Sung-Jan Lin. *Poster #676*

11. **Apoptotic signals increase during catagen-like changes in hair follicles confirming follicle organ culture's exciting new potential as a human in vitro catagen model.** [Heero N. Rahman](#), Nilofer Farjo, Bessam Farjo, Valerie Randall. *Poster #677*
12. **Prostaglandin D2 (PGD2) enhances testosterone metabolism in primary human keratinocytes possibly via upregulation of aldo-keto reductase 1C3 (AKR1C3) expression.** [Alon Mantel](#), Alice P. Pentland, Meena Katdare. *Poster #684*

6:45pm-7:15pm: Keynote Speaker

Wnt/beta-catenin signaling regulates proliferation but not survival of hair follicle progenitor cells

Sarah E. Millar, PhD

Professor, Departments of Dermatology and Cell & Developmental Biology, Director of Research, Department of Dermatology, University of Pennsylvania

7:15pm-7:45pm: Keynote Speaker

Genetics and Immunology of Alopecia Areata

Angela M. Christiano, PhD

Professor of Dermatology and Genetics & Development, Columbia University

7:45pm-8:45pm: Oral Presentations

12 minutes for presentation + 3 minutes for Q&A and change of speaker

1. **7:45pm-8:00pm** **Oral ruxolitinib induces hair regrowth in moderate to severe alopecia areata.** Julian Mackay-Wiggan, Nhan M. Nguyen, Charlotte Clark, Ali Jabbari, Grace Ulerio, Megan Furniss, [Raphael Clynes](#), Angela Christiano. *Poster #272*
2. **8:00pm-8:15pm** **IFN- γ pathway blockade prevents the onset of alopecia areata.** Raphael Clynes, [Zhenpeng Dai](#), Luzhou Xing, Ali Jabbari, Angela Christiano. *Poster #090*
3. **8:15pm-8:30pm** **Expression of a novel immunoglobulin protein in the skin and other epithelia.** Hunter Mitchell, [Tongyu C. Wikramanayake](#). *Poster #370*
4. **8:30pm-8:45pm** **Human hair follicle epithelial stem cells undergo epithelial-mesenchymal transition (EMT) in primary cicatricial alopecia: Lessons from lichen planopilaris.** [Hisayoshi Imanishi](#), David Ansell, Matthew Harries, Norbert Sepp, Tamas Biro, Daisuke Tsuruta, Christopher M. Ward, Ralf Paus. *Poster #666*

8:45pm-9:30pm: NAHRS Updates and Announcements

CARF Research Poster Awards – Cicatricial Alopecia Research Foundation

The NAHRS gratefully acknowledges the following corporate supporters of this program:

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