

OPEN TO ALL MEETING ATTENDEES



NORTH AMERICAN HAIR RESEARCH SOCIETY SCIENTIFIC MEETING

Friday, May 13, 2016

6:00pm-8:30pm

Kierland Grand Ballroom 4 a/b/c, Westin Kierland Resort & Spa

6:00 pm Poster Viewing & Reception

1. **A common acute myeloid leukemia-associated DNMT3A mutation, when expressed ubiquitously in mice, causes reversible alopecia.** David Chen, A Verdoni and T Ley. *Abstract Final ID #680.*
2. **Ablation of alkaline phosphatase in human dermal papilla spheroid impairs hair follicle induction.** M Kwack, M Kim, J Kim and Young Sung. *Abstract Final ID #705*
3. **Effect of lithocholic acid as a ligand of vitamin D receptor on hair growth in alopecia.** Soyoung Kim, S Ryu, CA Armstrong, B Kim and Peter I Song. *Abstract Final ID #698*
4. **Hairpatches (Tal1Hpt): A novel mouse model for cicatricial alopecia due to formation of abortive hair follicle-like structures in adults.** CS Potter, C. Herbert Pratt, J Cook, V Philip and JP Sundberg. *Abstract Final ID #411*
5. **Induced expression of gasdermin A3 in the skin caused keratinocyte necrosis and anagen delay in the hair cycle.** H Lin, P Lin and Liang-Tung Yang. *Abstract Final ID #396*
6. **Correlation between frequency of circulating lesional T cell clones and disease severity in human Alopecia Areata.** A de Jong, L Xing, A Jabbari, Z Dai, Dustin Lee, VH Price, M Duvic, DA Norris, MK Hordinsky, J Mackay-Wiggan, R Clynes and AM Christiano. *Abstract Final ID #006*
7. **Topical curcumin promotes induction of the murine hair cycle.** E Wang, Aakash V Patel, S Harel, Z Dai and AM Christiano. *Abstract Final ID #691*
8. **An underlying mechanism of hair loss in acrodermatitis enteropathica.** Youichi Ogawa, T Kawamura and S Shimada. *Abstract Final ID #676*
9. **UVB irradiation with anti-CD154 antibody prolonged the survival of hair follicle allografts in humanized mice.** Jin Yong Kim, J Yoon, B Kang, H Park, H Wi, K Jung, S Jo, K Kim and O Kwon. *Abstract Final ID #686*
10. **First indications that peri-follicular macrophages contribute to the regulation of catagen initiation and progression in the murine hair follicle.** Jonathan A Hardman, D Pena-Jimenez, M Perez-Morena and R Paus. *Abstract Final ID #684*

11. **Topical gabapentin for the treatment of symptomatic scalp in cicatricial alopecias.** Erin M Dodd, E Hurliman, G Wendelschafer-Crabb, D Miller, W Kennedy and MK Hordinsky. *Abstract Final ID #292*
12. **Growth hormone-induced signaling as a novel, intrafollicular neuroendocrine control of human hair growth.** Diana Below, M Alam, R Clayton, J Chéret, M Bertolini and R Paus. *Abstract Final ID #670*

6:45 pm Keynote Speaker

Dynamic control of quiescence and self-renewal in hair follicle stem cells and their niche

Rui Yi, PhD

Associate Professor, Department of Molecular, Cellular, and Developmental Biology, University of Colorado, Boulder

7:15 pm Oral Presentations

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

1. **7:15 pm**
The gut microbiome is required for the development of alopecia areata.
James C Chen, Z Dai, A Abdelaziz, Ivanov, and AM Christiano. *Abstract Final ID #470*
2. **7:30 pm**
Epidermal dysplasia and hair defects in the disheveled hair and ears (LmnaDhe) mouse.
C. Herbert Pratt, J Cook and JP Sundberg. *Abstract Final ID #413*
3. **7:45 pm**
Regulatory natural killer cells in alopecia areata.
Zhenpeng Dai, J Cerise, A de Jong, R Clynes and AM Christiano. *Abstract Final ID #043*

8:00 pm NAHRS Business Meeting

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