



# North American Hair Research Society Scientific Meeting and Annual General Meeting

Friday, April 28, 2017

6:00pm-8:30pm

Oregon Ballroom 203, Oregon Convention Center

Presiders: John T. Seykora, MD, PhD, Chair, Scientific Program Committee, and Maria K. Hordinsky, MD, President

## 6:00 pm Poster Viewing & Reception

- 1. Dermal Wnt/ $\beta$ -catenin signaling controls hair follicle dermal condensate size during development.** Peggy Myung, D Chen, T Sun and K Gupta. *Abstract Final ID #872.*
- 2. The role of astrotactin2 in regulating mammalian skin polarity.** Hao Chang. *Abstract Final ID #851*
- 3. Human scalp-derived fibroblasts alter FGF expression profile upon WNT activation: implication of their role to provide folliculogenetic microenvironment.** Misaki Kinoshita-Ise, A Tsukashima, T Kinoshita, Y Yamazaki and M Ohyama. *Abstract Final ID #846*
- 4. Congenital generalized hypertrichosis with a copy number variation on chromosome 17q24.** Hayashi Ryota, K Yoshida, R Abe, N Yoshida and Y Yoshida. *Abstract Final ID #494*
- 5. Comorbid diseases and risk of alopecia areata amongst US women.** J Thompson, MK Park, K Huang, M Mirza, A Qureshi and Eunyoung Cho. *Abstract Final ID #230*
- 6. Endoplasmic reticulum stress upregulates NKG2D ligands in the hair follicle.** Alexa Abdelaziz, S Erjavec, L Petukhova, Z Dai and AM Christiano. *Abstract Final ID #616*
- 7. Identification of pathogenic T cell subsets in human alopecia areata.** Annemieke du Jong, A Jabbari, Z Dai, L Xing, D Lee, V Price, M Duvic, D Norris, M Hordinsky, J Mackay-Wiggan, R Clynes and AM Christiano. *Abstract Final ID #052*
- 8. A small molecule modulator of the wnt pathway (SM04554) as a potential topical treatment for androgenetic alopecia (AGA).** Vishal Deshmukh, M Pedraza, C Barroga, J Seykora and Y Yazici. *Abstract Final ID #712*
- 9. Analysis of the paired TCR alpha- and beta-chains of single, intralesional CD8+T-cells in alopecia areata patients.** Marta Bertolini, S Altendorf, Y Uchida, D Below, R Kelsch, Q Zhou, A Rossi, K Dornmair and R Paus. *Abstract Final ID #081*

10. **Predictive modeling of drug response and mechanism of action in alopecia areata clinical trials.** James Chen, A Jabbari, R Clynes, J Mackay-Wiggan and AM Christiano. *Abstract Final ID #397*
11. **Treatment of severe alopecia areata with the oral Janus kinase inhibitor, tofacitinib: A retrospective chart review.** Omer Ibrahim, S Hogan, M Piliang and W Bergfeld. *Abstract Final ID #378*
12. **Molecular basis of hair follicle donor dominance in androgenetic alopecia and sexual dimorphism of the skin.** Yanne Doucet, HE Abaci, C Jahoda, J Chen and AM Christiano. *Abstract Final ID #863*

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**6:45 pm Keynote Speaker**

**Immune regulation mediated by the hair follicles**

Keisuke (Chris) Nagao, M.D., Ph.D.

Earl Stadtman Investigator, Dermatology Branch, Center for Cancer Research, National Cancer Institute, National Institutes of Health

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**7:15 pm Oral Presentations**

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

1. **7:15 pm**  
**Small T antigen from a folliculotropic polyomavirus activates canonical Wnt/ $\beta$ -catenin signaling *in vivo*.**  
LJ Syu, M Verhaegen, M Grachtchouk, D Mangelberger, H Zabawa and A Dlugosz. *Abstract Final ID #877*
2. **7:30 pm**  
**Dermal lymphatic vessels promote hair follicle growth via the BMP inhibitor Sostdc1.**  
Sun-Young Yoon, LC Dieterich, S Karaman, ST Proulx, S Bachmann, C Sciaroni and M Detmar. *Abstract Final ID #845*
3. **7:45 pm**  
**Large-scale screening for T cell epitopes in human alopecia areata.**  
Eddy Hsi Chun Wang, T Gordon, A de Jong, P Sinu, P Lindestam, A Sette and AM Christiano. *Abstract Final ID #028*

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**8:00 pm NAHRS Business Meeting**

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