



OPEN TO ALL MEETING ATTENDEES

American Hair Research Society Scientific Meeting and Annual General Meeting

FRIDAY, MAY 10, 2019

7:00 PM - 9:30 PM

INTERNATIONAL BALLROOM NORTH

PRESIDERS:

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

7:00 PM**Poster Viewing & Reception**

1. The role of the leaky gut in the development of alopecia areata. Alexa Abdelaziz, R. Perez-Lorenzo, B. Sallee, E.H. Wang and A. Christiano. *Abstract Final ID #519*.

2. Simvastatin decreases AA-associated inflammation through effects on isoprenoid metabolites. Gina DelCanto, A. Bayer, C. Cabello Kindelan, A. Mendez and JJ. Jimenez. *Abstract Final ID #98*

3. CD4 T cells require CD8 T cells to induce disease in murine alopecia areata. Sydney Crofts, L. Ortolan and A. Jabbari. *Abstract Final ID #99*

4. LFA-1 blockade prevents the onset of alopecia areata in C3H/HeJ mice. Zhenpeng Dai, E. Wang, E. Lee, A. de Jong and A. Christiano. *Abstract Final ID #97*

5. In search of the common mechano-chemical pathways during the regeneration of spiny (acomys cahirinus) and laboratory (mus musculus) mouse skin. Hans I-Chen Harn, T. Jiang, S. Wang, Y. Liang, C. Chuong and Y. Lai. *Abstract Final ID #965*

6. Overexpression of cyclooxygenase-2 in the skin of adult transgenic mice leads to sebaceous gland hyperplasia and thinning of hair shafts. Christian Hopkins, Y. Zheng, R. Yang, A. Nace, J. You, C. Gill, E. Bernardis, J. Hsieh and G. Cot.sarelis. *Abstract Final ID #919*

7. Tsc2 disruption in mesenchymal progenitors regulates hair follicles and TGF beta signaling. Peter Klover, R. Thangapazham, J. Wang, S. Li, T. Darling, J. Moss, MD Wilkerson and CL. Dalgard. *Abstract Final ID #376*

8. OR2AT4 activation by a synthetic odorant, stimulates dermcidin production in human hair follicle epithelium and increases follicular resistance to bacterial contamination: A novel antimicrobial folliculitis therapy? Janin Lehmann, L. Ponce, M. Bertolini, R. Paus, J. Chéret, F. Jimenez and H. Erdmann. *Abstract Final ID #495*

9. Dermal white adipose tissue secretes hepatocyte growth factor to promote human hair follicle growth and pigmentation. Ralf Paus, C. Nicu, J. Hardmann, T. Lai, D. Ansell, J. People and R. Bhogal. *Abstract Final ID #922*

10. The non-coding control region of Trichodysplasia spinulosa polyomavirus is responsible for cell-type specific viral gene expression in vivo. Li-Jyun Syu, D. Wilbert, AA. Dlugosz, E. van der Meijden and MC. Feltkamp. *Abstract Final ID #920*

11. Autoantigen screening in C3H/HeJ mouse model of alopecia areata revealed high antigenicity of melanocyte-associated antigen epitopes. Eddy Hsi Chun Wang, S. Erjavec, Cl. Tejada and A. Christiano. *Abstract Final ID #85*

12. Cicatricial alopecias are characterized by a core set of shared molecular pathways that represent new targets for therapy. Eddy Hsi Chun Wang, B. Sallee, J. Chen, LA. Bordone and A. Christiano. *Abstract Final ID #451*

7:45 PM**Welcome and Awards****7:50 PM****Keynote Speaker**

Delineating a path for hair follicle dermal niche specification that starts before morphogenesis

Peggy Myung, MD/PhD

Assistant Professor of Dermatology and of Pathology
Yale School of Medicine

8:15 PM**Oral Presentations**

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

7:15 PM

Identification of T cell receptor α and β chains responsible for AA pathogenesis via single cell TCR sequencing.

Gwennaelle Celine Monnot, Z. Dai, A de Jong, A. Christiano and A. Han. *Abstract Final ID #96*

7:30 PM

An eQTL in syntaxin17 (STX17) leads to disrupted melanogenesis in alopecia areata.

Stephanie O Erjavec, A. Christiano, R. Gund and B. Sallee. *Abstract Final ID #838*

7:45 PM

Trpv3 gain-of-function mutation impairs differentiation of hair follicle inner root sheath.

Zhongya Song, X. Chen, J. Chen, Z. Song, Q. Zhao, Z. Lin, S. Yang, Y. Yang and T. Chen. *Abstract Final ID #889*

9:00 PM**AHRS Annual Business Meeting**

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