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 Crotts, 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, CI. Tejeda 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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