

American Hair Research Society Scientific Meeting and Annual General Meeting

Friday, May 9, 2025

6:30 PM - 8:00 PM

Sapphire MN

Presiders: John Seykora, MD, PhD, Chair, Basic Science Subcommittee and Angela Christiano, PhD, President

6:30 PM

Poster Viewing & Reception

1. Single-cell and spatial transcriptome profiling reveals innate-adaptive crosstalk in alopecia areata. Otgonzaya Ayush, R. Reis, S.J. Connell, M. Lensing, Z. Zhu, N. Henderson, A. Jabbari. *Abstract Final ID #0150.*

2. Cross-species insights into hair follicle-T cell interactions in discoid lupus erythematosus: A comparison of human, canine and mouse models using spatial transcriptomics. Ummugulsum Yildiz Altay, R. Adhanom, L. You, S. Shakiba, J. Richmond. *Abstract Final ID #034.*

3. Impact of switching janus kinase inhibitors in the treatment of severe alopecia areata. Aubrey Martin, D. Sharma, C. Keytak, M. Senna. *Abstract Final ID #0350.*

4. Biophysical prevention of chemotherapy-induced alopecia: Low-intensity ultrasound significantly reduces taxane-induced human hair follicle damage in vivo. Jeremy Cheret, T. Gomez-Gomez, T.C. Wikramanayake, R. Paus, J. Gherardini, C.A. Sanchez. *Abstract Final ID #1016*

5. Taxane chemotherapy induces premature aging and epigenetic changes in human hair follicles. Kinga Linowiecka, R. Paus, J. Chéret, A. Akhundlu, Y. Dai, F. Dostilio, A. Bauman, R. Kassir. *Abstract Final ID #0875.*

6. Unravelling the role of JAK3/TEC kinase signalling with ritlecitinib in alopecia areata lesional skin and alopecia areata-induced human hair follicles ex vivo. A. Lejeune, J. Viola-Söhnlein, T. Rouillé, I. Piccini, K. Pappelbaum, J. Edelkamp, Marta Bertolini, E. Kieras, D. Martin, J. Telliez, L. Berg. *Final ID #0935.*

7. Jak inhibitor intraclass switch in alopecia areata patients: A retrospective review of cases at an academic center. Isabel Carolina Silva, S. Khattri. *Abstract Final ID #0188.*

8. Characterization of the racial composition of published alopecia quality of life research. Sydney Elizabeth DeVore, S.J. Chang, M. Weldon, E. Kozuch, V. Voragen, S. Barlow, C. Nwankpa, E. Nwozo, T. Mayo. *Abstract Final ID #0311.*

9. Impact of demographic variables on odds of developing autoimmune alopecia. Jiana Wyche, C. Aguh. *Abstract Final ID #0684*

10. Exploring the genetic landscape of alopecia areata: A genome-wide association and mendelian randomization meta-analysis. Liana Ly, B.L. Peacker, J. Hwang, C. Zheng, K. Gravel-Pucillo, A. Pereira, R.I. Hartman. *Abstract Final ID #0588.*

11. DMARDs and biologics are protective against alopecia areata in psoriasis patients. Nada Hentati, A.R. Liu, B.R. Rohr. *Abstract Final ID #0213*

12. Quality of life impairment is present in some but not all patients with frontal fibrosing alopecia. Kim T. Nguyen, D.R. Alley, M. Hordinsky, R. Nuwailati, E. Moana, R. Freese, G. Wilcox. *Abstract Final ID #0301.*

7:00 PM

Welcome and Awards

John Seykora, MD, PhD and Angela Christiano, PhD

Oral Presentations

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

7:00 PM

Delineating key molecular programs that induce hair-follicle-inductive dermal fibroblasts using a novel single-cell genomic approach. Yiqun Jiang, R. Li, S. Van, S. Platt, H. Lam, Y. Kluger, P. Myung. *Abstract Final ID #0140.*

7:15 PM

IL-27 generates immunosuppressive CD4 T cells and prevents the development of alopecia areata. Samuel J. Connell, P. Kahl, Z. Zhu, S. Crotts, M. Lensing, O. Ayush, C. Dix, A. Jabbari, X. Bai. *Abstract Final ID #0036.*

7:30 PM

Regulation of feather length: FGF and IGF signaling and Notch/YAP modulation of progenitor cell topology. P. Wu, Cheng Ming Chuong, F. Bocci, C. Juarez, A. Lander, Q. Nie. *Abstract Final ID #0896.*

7:45 PM

AHRS Annual Business Meeting

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