

## 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.** L. 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.** N. 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.** K.T. Nguyen, D.R. Alley, M. Hordinsky, R. Nuwailati, E. Moana, R. Freese. *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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