



AHRS Scientific Session and Annual General Meeting

Webinar Program Ancillary Meeting of the 2021 SID Virtual Meeting

LIVE WEBINAR:
Friday/May 7, 2021
12:00PM-3:30PM CDT (Chicago Time)
10:00AM-Pacific/ 12:00PM-Central/ 1:00PM-Eastern/ 2:00PM-Brazil

To register:
<https://www.americanhairresearchsociety.org/upcoming-meetings/>
 \$0 for AHRS members
 \$0 for SID Annual Meeting Registrants
 \$25 for non-members

Moderators: John T. Seykora, MD, PhD, Chair, Annual Meeting Program Committee, and Angela Christiano, PhD

12:00pm-12:05pm 5' **Welcome & Opening Remarks**
 Antonella Tosti, MD, President
 John T. Seykora, MD, PhD, Program Chair

12:05pm-12:10pm 5' **Presentation of 2021 David A. Whiting, MD Leadership & Research Award – to Hideo Uno, MD PhD**
 Maria K. Hordinsky, MD, Immediate Past President

Part I KEYNOTE SPEAKERS

12:10pm-12:35pm 25' **Progressive dysfunction of hair follicle dermal stem/progenitor cells contributes to age-related hair loss**
Jeff Biernaskie, PhD
 Professor, Stem Cell Biology and Regenerative Medicine, University of Calgary | Canada
Proper hair cycling requires a pool of stem/progenitor cells to regenerate mature hair follicles. During aging, hair loss increases, which correlates with changes in the hair/progenitor cells. Dr. Biernaskie will present data highlighting changes in the stem cell/progenitor cell population related to aging that are associated with hair loss.

12:35pm-12:41pm 6' Q&A

12:41pm-1:06pm 25' **Decoding the molecular anatomy of skin**
Maria Kasper, PhD
 Researcher, Skin and Stem Cell Biology, Karolinska Institute | Sweden
The skin is complex, containing many different cell types in a variety of biological states, which have been difficult to analyze in the past due to this complexity and the 3D architecture of the skin. Recent studies from the Kasper group have utilized new technologies, such as single-cell RNA sequencing (scRNA-seq) and single-molecule in situ hybridization (smRNA-FISH), to elucidate the spatial features of cell-cell and cell-stroma interactions. These studies provide a valuable cell atlas to drive future studies of skin biology and disease.

1:06pm-1:12pm 6'	Q&A
1:12pm-1:22pm 10'	AHRS Annual General Business Meeting Antonella Tosti, MD, President Maria K. Hordinsky, MD, Immediate Past President
Part II	ABSTRACT TALKS
1:22pm-1:31pm 9'	Induction of hair loss by expanded CD4 T cells from previously affected AA mice Samuel J. Connell, BA The University of Iowa Graduate College Iowa City, IA Abstract Final ID #020
1:31pm-1:35pm 4'	Q&A
1:35pm-1:44pm 9'	Functional interrogation of immune cell types identified by single-cell RNA sequencing in alopecia areata Eunice Lee, BA Columbia University New York, NY Abstract Final ID #037
1:44pm-1:48pm 4'	Q&A
1:48pm-1:57pm 9'	Asynchronous and perturbed catagen regression in C3H/HeJ mice precedes the onset of alopecia areata Jin Yong Kim, MD, PhD Columbia University New York, NY Abstract Final ID #593
1:57pm-2:01pm 4'	Q&A
2:01pm-2:10pm 9'	Hair follicle chemosensation: TRPM5 signaling is required for anagen maintenance Andrei Mardaryev, MD, PhD Monasterium Laboratory Münster, Germany Abstract Final ID #589
2:10pm-2:14pm 4'	Q&A
2:14pm-2:23pm 9'	Epidemiology of alopecia areata in black patients Brittany Feaster, MHS Wake Forest University School of Medicine Winston-Salem, NC Abstract Final ID #280
2:23pm-2:27pm 4'	Q&A
2:27pm-3:28pm 61'	Open Discussion
3:28pm-3:30pm 2'	Closing Remarks John T. Seykora, MD, PhD, Program Chair

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