

Skin Biology and Diseases Resource-based Center

Icahn
School of
Medicine at
Mount
Sinai

Skin Biology
and Diseases
Resource-based
Center

Annual Retreat

May 3rd, 2022, 10AM - 5PM
Annenberg, 5-205

10:00-11:00 AM EAB/IAB SBDRC Board Meeting (closed to public)

11:00-11:15 AM Break

Session I: SBDRC Cores and Resources

11:15-11:25 AM Introduction: Elena Ezhkova Ph.D, Director, SBDRC

11:25-12:10 PM SBDRC Core Director Presentations:
Samuele Marro, Ph.D., (Core B); Robert Sebra Ph.D., (Core C);
Ernesto Guccione Ph.D., (Core D)

12:10-12:20 PM Welcoming Remarks: Emma Guttman, M.D., Ph.D., Associate Director, SBDRC

12:20-1:00 PM Lunch (Annenberg, 5-212)

Keynote Address

Rui Yi, Ph.D.,

Paul E. Steiner Research Professor

Department of Pathology and Dermatology, Northwestern University Feinberg School of Medicine

"Quiescence and aging of hair follicle stem cells and beyond"

1:00-1:45 PM

Session II: Functional studies of skin using mouse models

1:45-2:00 PM Zhe Ying, Ph.D., (SBDRC Pilot Grant Recipient)
"A non-canonical p53 transcriptional program that governs the establishment of premalignant field"

2:00-2:15 PM Dan Filipescu, Ph.D., (Bernstein Lab)
"An autochthonous, immunocompetent melanoma model identifies macroH2A as a regulator of chemokine expression in cancer-associated fibroblasts"

2:15-2:30 PM Nick Heitman, M.D., Ph.D., (Rendl Lab)
"Dermal sheath mechanosignaling activation of TGF- β controls progenitor death during hair follicle regression"

2:30-2:45 PM Pooja Flora, Ph.D., (Ezhkova lab)
"Epigenetic mechanisms safeguarding hair follicle stem cell quiescence and aging"

2:45-3:00 PM Mingang Xu, Ph.D., (Millar Lab),
"Complex and redundant mechanisms control hair follicle patterning"

3:00-3:30 PM Coffee Break (Annenberg, 5-212)

Session III: Studies of human skin in homeostasis and disease

3:30-3:45 PM Andrew Ji, M.D.,
"Insights from integrating single-cell and spatial transcriptomics from human skin"

3:45-4:00 PM Masato Tamari, M.D., Ph.D., (Kim Lab),
"Neuroimmune regulation of epithelial barriers"

4:00-4:15 PM Nicholas Gulati, M.D., Ph.D., (SBDRC/Dermatology Pilot Grant Recipient)
"Evaluating human skin immune responses to topical and systemic immunotherapy"

4:15-4:30 PM Anne Bowcock, Ph.D.,
"Role of CARD14 in the development of Psoriasis"

4:30-4:45 PM Patrick Brunner, M.D.,
"Cellular and molecular characterization of primary cutaneous lymphomas for better diagnostic differentiation from benign inflammatory skin conditions"

4:45-5:00 PM Concluding Remarks

Happy Hour - 5:00-6:00PM