CLINICAL SCHOLARS PROGRAM SESSION I
Base Pairs to Bedside-Personalized Medicine

Thursday, April 27, 2017  10:15 am – 12:00 pm  Oregon Ballroom 201-202

10:15 am  Introduction
Doug Grossman, MD/PhD
Dr. Grossman is a Professor of Dermatology and an Investigator at the Huntsman Cancer Institute at the University of Utah. He received his undergraduate degree from Duke University and completed the Medical Scientist Training Program at Baylor College of Medicine in 1994. He completed his dermatology residency and postdoctoral research training at Yale University. Dr. Grossman's research focuses on tumor suppressors in melanoma and chemoprevention.

10:20 am  Mutations in KLHL24 add to the molecular heterogeneity of epidermolysis bullosa simplex

10:35 am  Anthony Oro, MD/PhD
Cells as Drugs: Genetically modified Cell-based Therapies for Skin Diseases
As a practicing Dermatologist, Anthony Oro, MD/PhD has focused for the last 18 years on determinants of epithelial development, morphogenesis, and tumorigenesis using the skin as a model system. He has studied early embryonic development in Drosophila, focusing on the function of orphan nuclear receptors in pattern formation. As a post doc and now PI, he has studied the role of the hedgehog signaling pathway in skin and hair stem cell biology, hair stem cell regulation and patterning, and epithelial-mesenchymal regulation.

11:05 am  Keith Choate, MD/PhD
Genetic investigation of rare skin disorders reveals novel pathways for disease pathogenesis
Dr. Choate grew up in Connecticut and California and attended Caterbury School and Stanford University where he graduated in 3 years with honors in biological sciences in 1995. As a researcher in Paul Khavari's laboratory, he performed the first successful ex vivo gene therapy for the genetic skin disorder lamellar ichthyosis and came to Yale in 1996 to begin the Medical Scientist Training Program. He received the M.Phil ('00), PhD (Cell Biology, '01), and MD ('04, cum laude) before an internship at Yale-New Haven Hospital in Internal Medicine and residency in Dermatology. He pursued post-doctoral training in human genetics. Dr. Choate has published over 30 peer-reviewed articles in Science, Nature, Human Molecular Genetics, The American Journal of Human Genetics, The Journal of Clinical Investigation, Nature Medicine, and the Journal of the American Academy of Dermatology. He serves on committees for the Society for Pediatric Dermatology, the Pediatric Dermatology Research Alliance, the Society for Investigative Dermatology, the Yale Medical Scientist Training Program, and the American Board of Dermatology. His research is funded by the National Institutes of Health and the Foundation for Ichthyosis and Related Skin Types. Dr. Choate's laboratory is dedicated to understanding fundamental genetic and biologic pathways relevant to human disease.

11:35 am  The genomic landscape of sebaceous cell carcinoma

11:50 am  Q & A