






UCI SKIN: A Skin Biology Resource Center | Distinguished Speakers Series
All Lectures 11:00am - 12:00pm • Zoom Meeting

	Speaker	Topic	Date
	Pantelis Rompolas University of Pennsylvania Department of Dermatology	“Identity and regulation of epidermal stem cells in homeostasis and wound healing”	Sept. 25, 2020
	Slobodan Beronja Fred Hutchinson Human Biology Division	“Stem Cells in Homeostasis and Cancer”	Oct. 14, 2020
	Amanda MacLeod Duke University Department of Dermatology and Immunology	“Innate Antiviral Defenses and IL-27 Signaling in Skin Injury and Infections”	Nov. 20, 2020
	Navdeep Chandel Northwestern Medicine Feinberg School of Medicine	“Mitochondria as signaling organelles”	Dec. 2, 2020
	Emanuel Mverakis UC Davis Health Department of Dermatology	“The biogeography of the cutaneous lipidome”	Jan. 29, 2021

	Speaker	Topic	Date
	Carolyn Lee, MD, PhD Stanford University Department of Dermatology	“Identifying New Vulnerabilities in Skin Cancer”	Feb. 26, 2021
	Jean Tang, MD, PhD Stanford University Department of Dermatology	“Replacing the function of broken genes in clinical trials of rare skin diseases: Epidermolysis Bullosa and Basal Cell Carcinoma”	Mar. 26, 2021
	Maria Morasso, PhD National Institutes of Health (NIH) Laboratory of Skin Biology	“Opposite sides of a spectrum: Oral wound healing vs chronic non-healing wounds”	Apr. 23, 2021
	Donald Glass, MD, PhD UT Southwestern Medical Center Department of Dermatology	“Genes and Molecular Pathways Underlying Keloidal Scarring”	May. 28, 2021

2021-2020

Distinguished Speaker Series

“Identity and regulation of epidermal stem cells in homeostasis and wound healing”



**Pantelis Rompolas, PhD,
MBA**

*Assistant Professor
Perelman School of Medicine
University of Pennsylvania*

**Friday, Sept. 25, 2020
11:00AM– 12:00 PM PDT
Zoom Meeting – Link to Follow**

Pantelis earned a B.Sc. in Biology from the University of Athens, Greece. He then worked as a Laboratory Technologist at Ikonisys Inc, in New Haven CT. In 2009 he graduated with an M.B.A. in Management and a Ph.D. in Biomedical Science from the University of Connecticut Health Center, where he trained with Dr. Stephen M. King; studying the biology of dynein motor proteins in eukaryotic cilia. Pantelis then joined Dr. Valentina Greco’s laboratory at Yale University School of Medicine where he developed a system that established for the first time the ability to visualize stem cells in their native environment in mammalian skin. In 2016 Pantelis was recruited at the University of Pennsylvania Perelman School of Medicine as an Assistant Professor of Dermatology.

The Skin Seminar Series is supported by NIAMS/NIH, through Grant P30AR075047.



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2021-2020

Distinguished Speaker Series

“Stem Cells in Homeostasis and Cancer”



Slobodan Beronja, PhD
Associate Member
Human Biology Division,
Fred Hutchinson Cancer
Research Center

Wednesday, Oct. 14, 2020
11:00AM– 12:00 PM PDT
Zoom Meeting – Link Below

My path to the Hutch and to leading a cancer research lab has not been the most direct one. I was born and grew up in what used to be Yugoslavia, in a large, dynamic and sociable environment, where skills such as practicality, which I came to view as one of my greatest assets, and adaptability, were constantly honed. Following a move to Canada, I enrolled in an undergraduate program at the University of Toronto, fully intending to study physics, only to be sidetracked by an emerging passion for biology. I stayed at the University of Toronto for my graduate training with Dr. Ulli Tepass. While investigating genetics of epithelial cell polarity establishment in *Drosophila*, a gene I was working on turned out to be responsible for a particularly debilitating retinal pathogenesis. The ensuing realization that what I did at the bench could have a bearing on a person's life and wellbeing had a profound effect on my future. It drove my decision to next join the lab of Dr. Elaine Fuchs at the Rockefeller University for postdoctoral training. There I investigated complex genetic interactions that regulate tissue growth, but in a mouse skin epithelium where the link between the experimental subject and human disease is often more direct. My final transition to a research program firmly squared on cancer was driven by a conviction that cancer is the problem of our time, and that, with the unprecedented wealth of information and experimental tools, it is our responsibility to gain control of this disease.

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2020-2021

Distinguished Speaker Series

“Innate Antiviral Defenses and IL-27 Signaling in Skin Injury and Infections”



Amanda MacLeod, PhD

*Associate Professor of
Dermatology*

*Assistant Professor of Immunology
Duke University School of Medicine*

**Friday, Nov 20, 2020 | Zoom Link Below
11AM-12PM PDT**

Dr. Amanda MacLeod serves as Associate Editor for *Frontiers in Cellular and Infection Microbiology*, Director for Physician Scientist Development within the Department of Dermatology. Nationally, she serves as co-chair on the Committee for Education for the Society for Investigative Dermatology and on the committee for Diversity and Inclusion for the Society for Investigative Dermatology, where she is active in promoting and advocating for women (and men), and underrepresented minorities in medicine and science. She has an international role as Scientific Evaluation Review Member for the LEO Foundation and regionally and nationally, serving as reviewer for the Triangle Foundation and the NIH. Dr. MacLeod organized, chaired or co-chaired multiple symposia and conferences regional and nationally, and she consults/has consulted for Silab and Novartis.



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Distinguished Speaker Series

“Mitochondria as signaling organelles”



Navdeep S. Chandel, PhD

*David W. Cugell Professor of
Medicine & Biochemistry and
Molecular Genetics
Feinberg School of Medicine,
Northern University*

**Wednesday, Dec. 2, 2020 | Zoom Link Below
11AM-12PM PDT**

Dr. Chandel received a BA in mathematics (1991) followed by a Ph.D. in Cell Physiology (1996) at the University of Chicago with Dr. Paul Schumacker. He did his post-doctoral fellowship jointly with Dr. Paul Schumacker and Dr. Craig Thompson (1999). He started his lab in 2000 at Northwestern University Feinberg School of Medicine. His lab has made contributions to understanding the function of mitochondria.



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Distinguished Speaker Series

“The biogeography of the epidermal lipidome”



Emanuel Maverakis, MD

Associate Director of Metabolism and Immunologic Health, UC Davis Foods for Health Institute | Director Immune Monitoring Shared Resource

University of California, Davis

Friday, Jan. 29, 2021

11:00AM– 12:00 PM PDT

Zoom Meeting – Link Below

Dr. Maverakis completed his undergraduate studies at the University of California, Los Angeles, where he majored in Molecular Genetics. After graduating from UCLA *Summa Cum Laude*, he attended Harvard Medical School (HMS), where he was a fellow and continuing fellow of the Howard Hughes Medical Institute (HHMI). He completed additional training in immunogenetics at the La Jolla Institute of Immunology under the direction of Eli Sercarz, PhD. With Dr. Sercarz, he worked on the concepts of molecular mimicry, epitope spreading, and antigen processing. After medical school he completed his clinical training in dermatology and then accepted a faculty position at UC Davis where he received early career awards from the Howard Hughes Medical Institute and the Burroughs Wellcome Fund. Other awards include the American Academy of Dermatology’s Young Investigator Award, an NIH Mid-Career Award, the NIH Director’s New Innovator Award, and the Presidential Early Career Award for Scientists and Engineers (PECASE), which is the highest honor bestowed by the United States government on outstanding scientists and engineers in the early stages of their independent research careers. Last year Dr. Maverakis was inducted into the California Academy of Sciences. His research focuses on developing novel methods to acquire and analyze “omic” datasets.

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Distinguished Speaker Series

"Identifying New Vulnerabilities in Skin Cancer"



Carolyn Lee, MD, PhD

*Assistant Professor, Dermatology
Stanford University*

Friday, Feb. 26, 2021

11:00AM– 12:00 PM PDT

<https://ucihealth.zoom.us/j/95910714562?pwd=THpRdUxkbHMzMDE1WTNuN3M2WldrZz09>

Carolyn Lee, M.D., Ph.D. earned her undergraduate degree at Yale prior to completing her M.D. and Ph.D. studies at Georgetown. As a graduate student in Dr. Todd Waldman's laboratory, she created and studied human cancer cells with targeted deletion of the PTEN tumor suppressor gene. Upon completing her dermatology residency training at Stanford, she undertook postdoctoral fellowship training in epithelial biology in the laboratory of Paul Khavari at Stanford. As a postdoc, Dr. Lee applied genomic approaches to gain insight into the genetic basis of human skin diseases. She identified novel lncRNAs in cutaneous T-cell lymphoma and squamous cell carcinoma and helped characterize the contributions of the ANCR and TINCR lncRNAs in epidermal homeostasis. As a practicing dermatologist, Dr. Lee's clinical specialty is the management of patients at high risk of developing skin cancer. Dr. Lee's current research program is aimed at defining the contributions of unrecognized cancer genes in cutaneous malignancies, with an eye on developing new therapeutic concepts that can be translated into targeted skin cancer treatments.

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"Hitting the target in clinical trials: BCNS and EB drug development"



Jean Y. Tang MD, PhD
Professor of Dermatology

Stanford University Medical Center

Friday, **Mar. 26**, 2021

11:00AM- 12:00 PM PDT

Zoom Meeting – Link Below

Jean Tang, M.D., Ph.D., is a Professor of Dermatology and her research focuses on genetic skin diseases such as Basal Cell Nevus Syndrome and Epidermolysis Bullosa. She studies new ways to treat and prevent NSMC and melanoma. Dr. Tang has led or co-led the conduct and completion of 6 investigator initiated clinical trials in BCC and EB. She received her MD/PhD from Stanford (Biophysics), completed her dermatology residency at Stanford, and then went to UCSF for a 3 year post-doc in mouse genetics, while simultaneously pursuing formal coursework in biostatistics, epidemiology, and clinical trial design in the KL2 CTSI program.

<https://ucihealth.zoom.us/j/95293824113?pwd=MTdhZUcwMIM0QzBoQzdRaG9XQUF2Zz0>

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