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14th Annual “Advances in Inflammation Research” Symposium

**October 6 & 7, 2016
Providence, RI**

Thursday, October 6

Nursing Arts Building, Lower Level Auditorium 5, RI Hospital

- 1:45 - 2:00 Registration
- 2:00 - 2:15 Welcome and Introductions
- 2:15 - 3:15 Junior Investigator Presentations
- 3:15 - 3:30 Refreshment break
- 3:30 - 4:30 **Charles H. Cook, MD**
Impact of latent herpes viruses on host immunity

Friday, October 7

Nursing Arts Building, 2nd Floor, Rhode Island Hospital

- 9:00 - 11:45 Meet the Professor
One-on-one discussions with the guest speakers
- 11:45 - 12:30 Lunch for speakers & participants

70 Ship Street, 1st Floor Conference Room, Brown University

- 1:00 - 1:45 **Klaus Ley, MD**
Integrin activation in neutrophils
- 1:45 - 2:30 **Samir M. Parikh, MD**
The Tie2 axis and the host vascular response to severe infection
- 2:30 - 2:45 Refreshment break
- 2:45 - 3:30 **George M. Weinstock, PhD**
Probing the medical microbiome
- 3:30 - 4:15 **Martin A. Schwartz, PhD**
Modulation of inflammation by extracellular matrix

Featured Speakers:

Charles H. Cook, MD

Division Chief, Acute Care Surgery & Trauma
Surgical Critical Care
Harvard Medical School
Boston, MA

Klaus Ley, MD

Professor & Division Head, Division of
Inflammation Biology
La Jolla Institute for Allergy & Immunology
La Jolla, CA

Samir M. Parikh, MD

Associate Professor of Medicine
Beth Israel Deaconess Medical Center
Boston, MA

Martin A. Schwartz, PhD

Robert W. Berliner Professor of Medicine
Yale School of Medicine
New Haven, CT

George M. Weinstock, PhD

Professor, Evnin Family Chair & Director of
Microbial Genetics
The Jackson Laboratory
Farmington, CT

Sponsored by the Division of Surgical Research, Department of Surgery
Rhode Island Hospital/Brown University

For more information call (401) 444-0188





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14th Annual “Advances in Inflammation Research” Symposium Speaker Biographies

Charles H. Cook, MD

Dr. Cook is an Associate Professor of Surgery at Harvard Medical School and Chief of the Division of Acute Care Surgery, Trauma, and Surgical Critical Care at Beth Israel Deaconess Medical Center. He earned his medical degree from Ohio State University College of Medicine in Columbus, Ohio, where he also completed a residency in general surgery and a fellowship in surgical critical care. Dr. Cook is board certified in surgery and surgical critical care. His clinical interests include surgical critical care, trauma, acute care surgery, and emergency medicine.

Klaus Ley, MD

Dr. Ley is a Professor and Head of the Division of Inflammation Biology at the La Jolla Institute for Allergy and Immunology and Adjunct Professor of Bioengineering at the University of California, San Diego. He received his MD from the Julius-Maximilians-Universität in Würzburg, Germany in 1982 and completed his postdoctoral training in 1987 at the Freie Universität Berlin, Germany. Dr. Ley and his team study chronic inflammatory diseases like atherosclerosis and inflammatory bowel disease with a focus on myeloid leukocytes (cells of the innate immune system). He has 30 years of experience in inflammation research and published more than 300 papers in peer-reviewed journals.

Samir M. Parikh, MD

Dr. Parikh is an Associate Professor of Medicine at Beth Israel Deaconess Medical Center and Harvard Medical School. He graduated magna cum laude from Harvard in 1997 with a degree in chemistry and received the valedictory award from Vanderbilt University School of Medicine in 2001. He completed post-graduate medical training at Beth Israel Deaconess Medical Center and Harvard Medical School. Dr. Parikh joined the faculty of both institutions in 2006. He serves as a staff physician in the Division of Nephrology at Beth Israel Deaconess Medical Center and as a principal investigator with joint affiliations in the Division of Nephrology and the Center for Vascular Biology Research. His research interests include vascular dysfunction in sepsis.

Martin A. Schwartz, PhD

Dr. Schwartz is a Robert W. Berliner Professor of Medicine (Cardiology) and Professor of Biomedical Engineering and of Cell Biology at Yale School of Medicine. He earned a PhD in physical chemistry from Stanford and did his postdoctoral research in biology at MIT where he developed novel chemical crosslinking reagents and studied interactions of fibronectin with cells and other proteins. He was on the faculty at Harvard Medical School, Scripps Research Institute and the University of Virginia prior to moving to Yale in 2011. His current research program studies cellular and biophysical approaches to basic questions in integrin signaling, applications to cancer, and mechanotransduction in the vascular system.

George M. Weinstock, PhD

Dr. Weinstock is a Professor, Evnin Family Chair and Director of Microbial Genomics at The Jackson Laboratory for Genomic Medicine. He earned his PhD from MIT in 1977 and completed his postdoctoral training in 1980 at Stanford University. In 1999, Dr. Weinstock joined the Human Genome Sequencing Center at Baylor College of Medicine and served as co-director of one of the five main centers to work on the Human Genome Project. With backing from the NIH, he launched the Human Microbiome Project in 2007, studying the collection of microbes that colonize the human body. Dr. Weinstock is a pioneer in the sequencing and genomic analysis of humans, model organisms and microbes.