Harvard/MIT MD-PhD Program Presents:
Meet the Investigator Series

David Scadden, MD
Gerald and Darlene Jordan Professor of Medicine, HMS; Co-Director of the Harvard Stem Cell Institute, Harvard University; Director for the Center of Regenerative Medicine, MGH
Dr. Scadden’s laboratory focuses on hematopoietic stem cells and their niche with the intent of developing new therapies for blood disorders and malignancies.

Mustafa Sahin, MD, PhD
Assistant Professor in Neurology, Children’s Hospital
Dr. Sahin’s lab is investigating the normal cellular functions of signaling pathways implicated in neurological disease, with an emphasis on axon growth and guidance. His research centers upon the proteins affected in tuberous sclerosis complex (TSC) and spinal muscular atrophy (SMA).

Deborah Hung, MD, PhD
Assistant Professor of Microbiology and Immunobiology, HMS/Bag Institute of MIT and Harvard
The goal of research in the Hung Lab is to understand in vivo mechanisms of bacterial pathogenesis by studying pathogen-host interactions. By merging the fields of chemical genetics and bacterial genomics, she hopes to provide insight into possible new paradigms for addressing infectious diseases.

Joel Hirschhorn, MD, PhD
Professor of Genetics and Pediatrics; Children’s Hospital/Harvard Medical School; Associate Director for Research Training, Harvard/MIT MD-PhD Program; Senior Associate Member and Director of the Center for Basic and Translational Obesity Research, Broad Institute
Our laboratory’s goal is to understand the genetic basis of human height and weight, as well as other complex traits and diseases.

David Altshuler, MD, PhD
Professor of Genetics and Medicine, Harvard Medical School; Director of the Program in Medical and Population Genetics, Broad Institute of Harvard and MIT
The Altshuler lab studies human genetic variation and develops laboratory and analytical methods for associating genotype and phenotype. Our main focus is type 2 diabetes, with projects in prostate cancer, lupus, and other diseases.

Harold Burstein, MD, PhD
Associate Professor of Medicine, Harvard Medical School; Medical oncologist in the Breast Oncology Center at Dana-Farber Cancer Institute
Clinician and clinical investigator with a practice exclusively devoted to breast cancer. Research interests include therapies for early-stage and advanced breast cancer, including neoadjuvant treatments, concurrent radiotherapy/chemotherapy and biological therapies.

Philip Dormitzer, MD, PhD
Head, Viral Advanced Programs Global Team, Novartis Vaccines and Diagnostics
Senior Project Leader, Viral Vaccine Research, Novartis Vaccines and Diagnostics
Philip Dormitzer leads Research and Development programs on vaccines against respiratory syncytial virus, cytomegalovirus, parvovirus B19, and influenza virus, including the research component NV&D’s response to the 2009 H1N1 influenza pandemic.