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

Matthew Vander Heiden, M.D., Ph.D.
Associate Professor of Biology, Massachusetts Institute of Technology

Our lab is interested in understanding the biochemical pathways cells use to meet the metabolic requirements of cell proliferation, and how regulation of these pathways contributes to cancer biology in vivo. Ultimately, we aim to translate our understanding of cancer cell metabolism into novel cancer therapies.

Sarah Fortune, M.D.
Professor of Immunology and Infectious Diseases, Harvard T.H. Chan School of Public Health

Our laboratory uses a combination of new technologies (next generation sequencing, mass spectrometry, microfluidics) with novel genetic tools to study a variety of biological problems related to Mycobacterium tuberculosis.

Benjamin Sommers, M.D., Ph.D.
Associate Professor of Health Policy and Economics, Harvard T.H. Chan School of Public Health, Assistant Professor of Medicine, Harvard Medical School

Dr. Sommers is a health economist and a physician whose main research interests are health policy for vulnerable populations, the uninsured, and the healthcare safety net.

Laurie Glimcher, M.D.
President & CEO, Dana-Farber Cancer Institute

As an immunologist, Dr. Glimcher's primary research interests are elucidating the molecular pathways that regulate the immune system, critical for both the development of protective immunity and for the pathophysiologic immune responses underlying autoimmune, infectious and malignant diseases.

Marc Wein, M.D., Ph.D.
Instructor in Medicine, Harvard Medical School

The Wein laboratory studies molecular mechanisms controlling osteocyte differentiation and function. Our research focuses on transcriptional control of sclerostin, an osteocyte-specific secreted protein that happens to be a drug target for osteoporosis. We are interested in understanding how osteocytes turn on sclerostin, and how signals that boost bone formation (parathyroid hormone, mechanical loading) regulate its expression.
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Salmaan A. Keshavjee, M.D., Ph.D.
Associate Professor of Global Health and Social Medicine, Harvard Medical School

Dr. Keshavjee’s research spans four areas: (1) multi-drug resistant tuberculosis (MDR-TB) treatment and policy; (2) health-sector reform and access to health care and medical technology in transitional societies, with a special focus on countries of the former Soviet Union (Central Asia and the Russian Federation); (3) the role of non-governmental organizations in globalization and the formation of trans-border civil society; and (4) modernity, social institutions, civil society, and health in the Middle East and Central Asia.