Jeffrey Engelman, M.D., Ph.D.
Laurel Schwartz Associate Professor of Medicine, Harvard Medical School; Director, Center for Thoracic Cancers, Massachusetts General Hospital Cancer Center

The overarching aim of research in the Engelman laboratory is to develop new and more effective therapeutic strategies for the treatment of cancer, with a particular emphasis on lung cancer.

John Rinn, Ph.D.
Alvin and Esta Star Associate Professor of Stem Cell and Regenerative Biology, Harvard University; Senior Associate Member of the Broad Institute

Dr. Rinn's research aims to understand the role of long non-coding RNAs (IncRNAs) in establishing the distinct epigenetic states of adult and embryonic cells and their misregulation in diseases such as cancer. Overall, we aim to understand the roles of IncRNAs in vivo from Mouse Models to Molecular Mechanisms.

Pardis Sabeti, M.D., D. Phil.
Associate Professor at the Center for Systems Biology at Harvard University, Department of Organismic and Evolutionary Biology, and in the Department of Immunology and Infectious Disease at Harvard School of Public Health; Senior Associate Member of the Broad Institute

The goals of The Sabeti Lab are to use computational methods and genomics to understand mechanisms of evolutionary adaptation in humans and pathogens.

David Scadden, M.D.
Gerald and Darlene Jordan Professor of Medicine; Co-Chair of the Department of Stem Cell & Regenerative Biology; Professor of Stem Cell and Regenerative Biology and Gerald and Darlene Jordan Professor of Medicine; Professor of Stem Cell and Regenerative Biology

The Scadden laboratory focuses on blood, particularly the regulation of the hematopoietic stem cell by its microenvironment or niche. Using a combination of genetics, imaging and pharmacology, the laboratory has defined key components of the niche and how stem cells traffic to and engraft the bone marrow.

Additional Dates: To Be Determined