Division of Molecular and Cellular Oncology
Independent Laboratory Investigators

Chief, Division of Molecular and Cellular Oncology
William Hahn, MD, PhD
William Rosenberg Professor of Medicine, Harvard Medical School
Chief Research Strategy Officer, Dana-Farber Cancer Institute
Institute Member, Broad Institute of Harvard and MIT
Research Areas: Oncogene Cooperation, Functional Genomics, Synthetic Lethality, Epithelial Transformation
Hahn Lab Website

Andrew Aguirre, MD, PhD
Assistant Professor of Medicine, Harvard Medical School
Associate Member, Broad Institute of MIT and Harvard
Research Areas: Pancreatic Cancer, RAS Biology, Genomics, Cancer Therapeutics
Aguirre Lab Website

David Barbie, MD
Associate Professor of Medicine, Harvard Medical School
Research Areas: Lung Cancer, Targeted Therapy, Innate Immunity
Barbie Lab Website

Adam Bass, MD, MSc
Associate Professor of Medicine, Harvard Medical School
Research Areas: Gastric Cancer, Esophageal Cancer, Genomics, Targeted Therapy, Cancer Biology
Bass Lab Website

Himisha Beltran, MD
Member of the Faculty, Dana-Farber Cancer Institute
Research Areas: Prostate Cancer, Treatment Resistance, Biomarkers, Tumor biology, Precision Medicine
Beltran Lab Website

Myles Brown, MD
Emil Frei III Professor of Medicine, Harvard Medical School
Director, Center for Functional Cancer Epigenetics
Brown Lab Website

Revised: November 4, 2019
James DeCaprio, MD  
Professor of Medicine, Harvard Medical School  
**Research Areas:** Merkel cell carcinoma, Merkel cell polyomavirus, Cell cycle gene regulation, RB and the DREAM complex

Matt Freedman, MD  
Associate Professor of Medicine, Harvard Medical School  
**Center for Cancer Epigenetics**

Marios Giannakis, MD, PhD  
Assistant Professor of Medicine, Harvard Medical School  
**Research Areas:** Colorectal Cancer, Translational Research, Immunotherapy, Molecular Epidemiology, Wnt-signaling  
**Giannakis Lab Website**

Rizwan Haq, MD, PhD  
Assistant Professor, Harvard Medical School  
**Haq Lab Website**

Sarah Hill, MD, PhD  
Member of the Faculty, Dana-Farber Cancer Institute  
**Research Areas:** Organoids, Ovarian Cancer, DNA Damage Repair, Immuno-oncology, Replication Stress  
**Hill Lab Website**

William Kaelin, MD  
Sidney Farber Professor of Medicine, Harvard Medical School  
Nobel Prize Laureate, 2019  
Investigator, Howard Hughes Medical Institute  
**Kaelin Lab Website**

Donald Kufe, MD  
Professor of Medicine, Harvard Medical School  
Leader, Experimental Therapeutics Program  
**Research Areas:** MUC1-C Oncoprotein, Pluripotency, Drug Resistance, Immune Evasion
Julie Aurore Losman, MD, PhD
Assistant Professor of Medicine, Harvard Medical School
**Research Areas:** Acute Myeloid Leukemia; Cancer Cell Metabolism; Epigenetics

Matthew Meyerson, MD, PhD
Professor of Pathology, Harvard Medical School
Director, [Center for Cancer Genome Discovery](#) (CCGD)
[Meyerson Lab Website](#)

Constantine Mitsiades, MD, PhD
Assistant Professor of Medicine, Harvard Medical School
**Research Areas:** Treatment/Immunotherapy Resistance, Tumor Microenvironment, Multiple Myeloma, Solid Tumor Metastasis, Functional Genomics

Matthew Oser, MD, PhD
Instructor of Medicine, Harvard Medical School

Kornelia Polyak, MD, PhD
Professor of Medicine, Harvard Medical School
Co-Leader, DF/HCC Cancer Cell Biology Program
**Research Areas:** Breast cancer, Tumor Evolution, Heterogeneity, DCIS, Cancer Prevention
[Polyak Lab Website](#)
[Center for Cancer Epigenetics](#)

Barrett Rollins, MD, PhD
Linde Family Professor of Medicine, Harvard Medical School
Chief Scientific Officer, Dana-Farber Cancer Institute
Dean for Academic Programs, Dana-Farber Cancer Institute
**Research Areas:** Histiocytosis, Chemokines
[Rollins Lab Website](#)

William Sellers, MD
Professor of Medicine, Harvard Medical School/DFCI
Core Institute Member, The Broad Institute of MIT and Harvard
**Research Areas:** Functional Genomics, Cancer Therapeutics
[Sellers Lab Website](#)
Geoffrey Shapiro, MD, PhD
Professor of Medicine, Harvard Medical School
Director, Early Drug Development Center
Clinical Director, Center for DNA Damage and Repair

Ramesh Shivdasani, MD, PhD
Professor of Medicine, Harvard Medical School
Research Areas: Cell Differentiation, Transcriptional Regulation, Stem Cell Biology, Intestinal Stem Cells, Epigenetic Control Mechanisms
Shivdasani Lab Website
Center for Cancer Epigenetics

Ravi Uppaluri, MD, PhD
Associate Professor of Surgery, Harvard Medical School
Director, Head and Neck Surgical Oncology
Research Areas: Head and Neck Cancers, Immunotherapy, Treatment Resistance

Eliezer Van Allen, MD
Assistant Professor of Medicine, Harvard Medical School
Research Areas: Genomics, Computational Oncology, Precision Medicine
Van Allen Lab Website

Srinivas Viswanathan, MD, PhD
Instructor in Medicine, Harvard Medical School
Research Areas: Genomics, Functional Genomics, Genitourinary Cancer, RNA Binding Proteins
Viswanathan Lab Website

Nikhil Wagle, MD
Assistant Professor of Medicine, Harvard Medical School
Wagle Lab Website

Molecular and Cellular Oncology Affiliated Investigators

Rameen Beroukhim, MD, PhD
Assistant Professor of Medicine, Harvard Medical School
Beroukhim Lab Website
Jun Qi, PhD
Assistant Professor of Medicine, Harvard Medical School
Research Areas: Epigenetics, Drug Discovery, Chemical Biology
Qi Lab Website

Brian Wolpin, MD, MPH
Associate Professor of Medicine, Harvard Medical School
Director, Gastrointestinal Cancer Center
Co-Director, Pancreas and Biliary Tumor Center
Hale Family Research Center

Pasi A. Jänne, MD, PhD
Professor of Medicine, Harvard Medical School
Director, Lowe Center for Thoracic Oncology
Director, Belfer Center for Applied Cancer Science
Research Areas: Lung Cancer; Targeted Therapies, Drug Resistance, Preclinical and Clinical Drug Development
Jänne Lab Website

Carl Novina, MD, PhD
Associate Professor of Medicine, Harvard Medical School
Associate Member, Broad Institute of Harvard and MIT
Novina Lab Website

Xiaole (Shirley) Liu, PhD
Professor of Biostatistics and Computational Biology, Harvard T.H. Chan School of Public Health
Department of Data Sciences, Dana-Farber Cancer Institute
Director, Center for Functional Cancer Epigenetics, Dana-Farber Cancer Institute
Liu Lab Website