

2020 K12 MENTORS LIST



[Rafi Ahmed, PhD](#)

The long-term goal of Dr. Ahmed's research is to understand the mechanisms of B and T cell immunological memory and to use this information to develop new vaccines for the prevention and treatment of disease.



[Kristie A. Blum, MD](#)

Dr. Blum specializes in the treatment of B-cell non-Hodgkin's lymphoma and Hodgkin's lymphoma.



[Lawrence Boise, PhD](#)

Dr. Boise leads and coordinates research education, training, and mentorship activities at the cancer center as well as cultivates additional cancer-specific educational opportunities across the spectrum of learners.



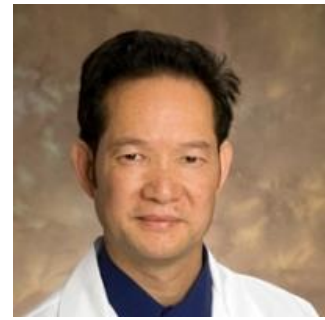
[Jing Chen, PhD](#)

Dr. Chen's research focuses on metabolic reprogramming and rewiring in cancer cells, and the pathogenic link between diet and cancer.



[Jonathon B. Cohen, MD, MS](#)

Dr. Cohen's clinical focus is on the treatment of Hodgkin and non-Hodgkin lymphoma, where he manages both newly diagnosed patients as well as those requiring stem cell transplantation and treatment for relapsed disease.



[Xingming Deng, MD, PhD](#)

Dr. Deng specializes in cancer research, especially tobacco-related cancers, including lung cancer, and head and neck cancer.



[Kavita Dhodapkar, MBBS](#)

A leading cancer immunology researcher, Dr. Dhodapkar serves as director of the Pediatric Immuno-Oncology Program at the Aflac Cancer and Blood Disorders Center.



[Madhav V. Dhodapkar, MBBS](#)

An internationally recognized immunobiologist, Dr. Dhodapkar is working to harness the properties of the immune system to detect, prevent and treat cancer, with a particular focus on multiple myeloma.



[Bassel El-Rayes, MD](#)

Dr. El-Rayes is the chief clinical research scientist responsible for coordinating and providing high-level direction to the clinical cancer research programs and clinical cancer trials across the Emory campuses.



[Haian Fu, PhD](#)

Dr. Fu leads a research program which is the primary driver of discovery and evaluation of novel therapeutic options for cancer patients at Winship.



[Douglas K. Graham, MD, PhD](#)

Dr. Graham's clinical focus is in pediatric leukemia.



[Sumin Kang, PhD](#)

Dr. Kang's research interest is centered on better understanding of the protein kinase signaling as well as metabolic reprogramming in tumorigenesis and tumor metastasis using translational and preclinical studies.



[Mohammad K. Khan, MD, PhD,
 DABR, FACRO](#)

Dr. Khan specializes in lymphoma, leukemia, multiple myeloma, skin (melanoma, squamous cell, basal cell, merkel cell), and pediatric cancers.



[Aparna H. Kesarwala, MD, PhD](#)

Dr. Kesarwala's research interests include molecular imaging, DNA repair pathways, and cancer cell metabolism.



[Haydn T. Kissick, PhD](#)

Dr. Kissick's research focuses on using next generation sequencing to identify mutations to be used in personalized vaccine targets for prostate cancer.



[Jean L. Koff, MD](#)

Dr. Koff specializes in the treatment of lymphoid malignancies at Winship Cancer Institute.



[Omer Kucuk, MD](#)

A medical oncologist with a major interest in nutrition and cancer prevention, Dr. Kucuk mainly treats patients with prostate, bladder and kidney cancer.



[Timothy L. Lash, DSc, MPH](#)

Dr. Lash leads the Cancer Prevention and Control program, which coordinates and promotes all of the cancer prevention and control-related research activities at Winship.



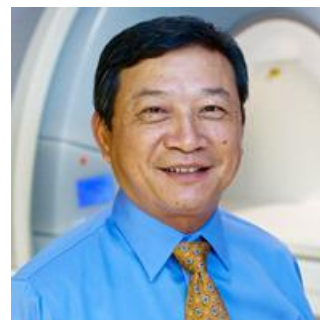
[Gregory B. Lesinski, PhD, MPH](#)

Dr. Lesinski's research is focused on gaining a greater understanding of the interactions between the host immune system and tumor cells.



[Sagar Lonial, MD, FACP](#)

Internationally recognized as a leading authority in multiple myeloma treatment and research, Dr. Lonial collaborates with leadership as Chief Medical Officer to coordinate and enhance clinical services and patient care throughout Winship.



[Hui Mao, PhD](#)

Dr. Mao is widely recognized for his expertise in a range of scientific fields, including chemistry, biochemistry, magnetic resonance spectroscopy and imaging as well as their applications in translational sciences and clinical medicine.



[Adam Marcus, PhD](#)

Dr. Marcus provides oversight and direction for the development and growth of Winship's shared resources and its basic scientific activities across all of Winship's four research programs.



[Andrew H. Miller, MD](#)

Dr. Miller is an internationally recognized leader in the area of brain-immune interactions as they relate to stress and depression.



[Taofeek Owonikoko, MD, PhD, MSCR](#)

Dr. Owonikoko's clinical specialties include lung cancer, thyroid cancer and other cancers of the aerodigestive tract.



[Rebecca Pentz, PhD](#)

Dr. Pentz works directly with innovative oncology researchers to develop and design cutting edge ethical research.



[Suresh S. Ramalingam MD, FASCO](#)

As Deputy Director, Dr. Ramalingam leads the integration of the research, clinical, and educational components within Winship Cancer Institute of Emory University.



[Ignacio Sanz, MD](#)

Dr. Sanz's research interest is in the role of B cells in human disease with particular emphasis in autoimmune diseases.



[Periasamy Selvaraj, PhD](#)

Dr. Selvaraj's laboratory focuses on developing personalized cancer vaccine-based immunotherapy approaches and studying the role and regulation of Fc receptors in antibody-mediated immunity and inflammation.



[Malathy Shanmugam, PhD, MS](#)

Dr. Shanmugam's research focus includes investigating the mechanistic basis for how cancer metabolism promotes evasion of apoptosis and therapy resistance in multiple myeloma and how metabolic states promote proliferative versus invasive biology.



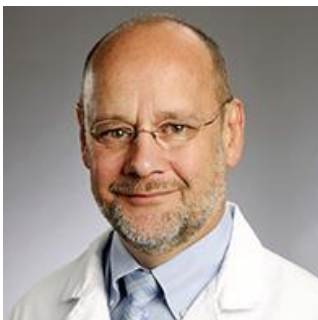
[Hyunsuk Shim, PhD](#)

Dr. Shim has a diverse range of expertise in MR spectroscopy, PET chemistry, cancer biology, and pharmacology.



[Mylin A. Torres, MD](#)

A breast cancer expert and researcher, Dr. Torres is part of the multidisciplinary team at the Glenn Family Breast Center at Winship Cancer Institute.



[Edmund K. Waller, MD, PhD, FACP](#)

Dr. Waller specializes in bone marrow transplants for acute leukemia, myelodysplastic syndrome, myeloproliferative neoplasms, lymphoma, aplastic anemia, sickle cell disease and in the management of graft-versus-host disease.



[Lily Yang, MD, PhD](#)

Dr. Yang is a translational cancer researcher who leads programs on the development of novel cancer imaging and targeted therapeutic agents.



[David Yu, MD, PhD](#)

A radiation oncologist, Dr. Yu specializes in treating head and neck, breast and lung cancers at Loughlin Radiation Oncology Center at Grady.