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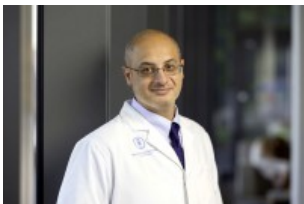


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Physician-scientist Omar Abdel-Wahab studies the functional genomics of hematopoietic malignancies.

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[Prasad S. Adusumilli, MD](#)

Physician-scientist Prasad S. Adusumilli studies tumor immunology and the development of T-cell-mediated immunotherapy for thoracic malignancies and pleural-based diseases.

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CELL BIOLOGY PROGRAM

[Maria Akhmanova, PhD](#)

The Akhmanova laboratory studies cell invasion and migration through tissues, and how it is controlled by surrounding tissue cells.

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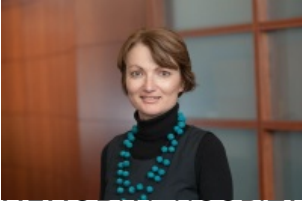
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[Heeseon An, PhD](#)

Heeseon An's lab studies protein degradation in health and disease using chemical, biological, and proteomics tools.

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[Cristina R. Antonescu, MD](#)

The Antonescu lab focuses on translocation-associated sarcoma pathogenesis and generating in vitro models.

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MOLECULAR BIOLOGY PROGRAM

[Naama Aviram, PhD](#)

The Aviram Lab investigates the molecular mechanisms that protect microorganisms from their own pathogenic invaders.

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Chemical biologist Daniel Bachovchin designs selective inhibitors to study enzymes and pathways in cancer and immune system signaling.

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Surgeon scientist Vinod Balachandran develops novel immunotherapies for pancreatic cancer.

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[Mary Baylies, PhD](#)

The Baylies laboratory studies the mechanisms that form and maintain muscle both during normal development and in disease.

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COMPUTATIONAL & SYSTEMS BIOLOGY PROGRAM

[Colin Begg, PhD](#)

Biostatistician Colin Begg has research interests spanning cancer epidemiology and statistical methods that are applicable to clinical research more broadly.

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