



EUNUS S. ALI, Ph.D.

Postdoctoral Fellow

Department of Biochemistry and Molecular Genetics

Feinberg School of Medicine

Northwestern University

Candidate for Cancer Research Faculty Position

Signaling and Metabolic Control of Nucleotide Metabolism in Cancer

It is known for many years that oncogenes are mainly responsible for the dysregulated metabolism in cancer cells. However, how the oncogenes or mutated genes promote the cancer cell metabolism - we know very little about those mechanisms. In his postdoctoral work, employing high-resolution mass spectrometry, biochemical approaches and genome editing technology CRISPR, Dr. Ali has identified two important regulatory mechanisms by which cancer cells stimulate nucleotide synthesis to boost their biomass and growth compared to normal cells. This work advances our understanding of metabolic biology of tumor cells and promotes our ability to identify the key molecular links between oncogenic signaling and cellular metabolism.

MONDAY, MARCH 27, at 11 a.m.

Room R3012, 2 Riverside Circle, or join via Zoom:

<https://viriniatech.zoom.us/j/89733352567>



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