









About

My research focuses on the comprehension of the genetic complexity of human diseases using computational graph theory and network biology and, an in-depth mining of high-throughput multiomics datasets to hunt important therapeutic targets. I visualize diseases in a systemic perspective to confidently translate statistical observations on biological grounds. Big datasets always excite me to figure out their fundamental implication for therapeutic benefit.



Physiology

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Gaurav Kumar, PhD

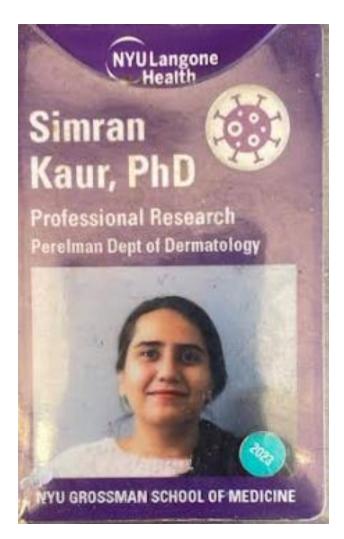
Postdoctoral Fellow

Contact Information

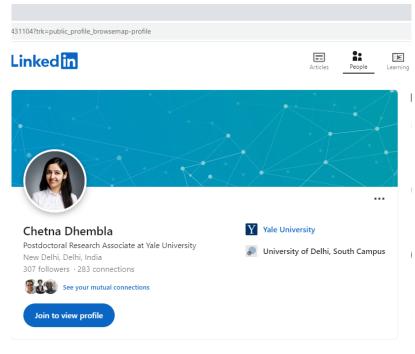
gakumar@mcw.edu (414) 955-4984

Education

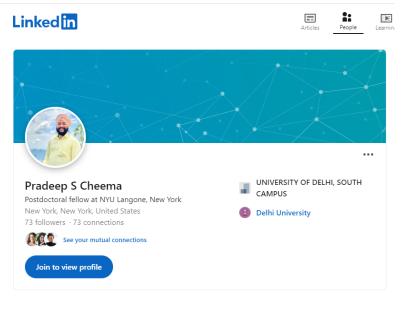
PhD, Biochemistry, University of Delhi, South Campus, New Delhi, India, 2021 MBiochem, H.N.B Garhwal University, Sri Nagar, Uttarakhand, India, 2010





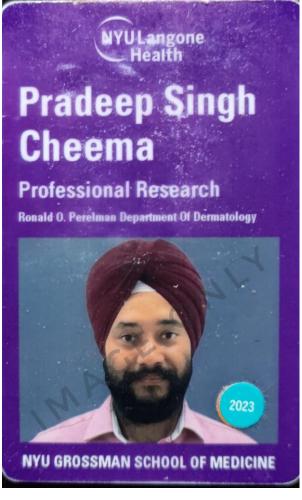






About

A doctorate in Biochemistry with focus on inhibition of Oncogenic transcription factors with small molecules and subsequent assessment of their impact on the physiological properties of cancer systems. Excellence in molecular/cellular techniques pertaining to cancer biology.

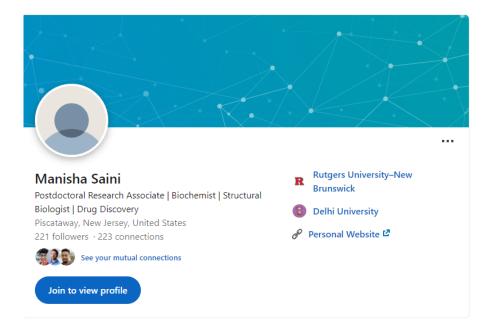












About

I am an amicable multidisciplinary scientist with over seven years of research experience encompassing various fields including biochemistry, bioinformatics, biophysics, structural, and molecular biology. Currently, I am pursuing my postdoctoral research in the field of drug discovery for Flavivirus using X-ray crystallography as a major tool with the aim to discover and develop a broad- spectrum antiviral drug, so they can be rapidly deployed against new viruses as they materialize.









