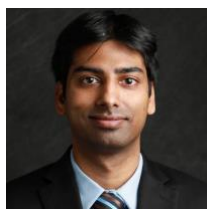




iJOBS Career Panel: Research Jobs in Industry
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Prasad Subramaniam, Ph.D, PMP
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Prasad completed his Bachelor's and Masters from New Delhi, India and came to the USA in 2007 to pursue his PhD at Rutgers. Prasad graduated with a Ph.D. in Chemistry and Chemical Biology from Rutgers in 2014. His thesis research involved the development of novel nanomaterial-based drug delivery systems (inorganic nanoparticles, dendrimers and polymeric nanoparticles) for targeted delivery of small molecules and siRNA therapeutics. As a Postdoctoral Associate at the Pharmacy Dept. at Rutgers, Prasad gained a deeper understanding of disease biology and pathophysiology in oncology by utilizing RNA splicing-based approaches to study mechanisms of drug resistance in NSCLC, glioblastoma and breast cancer.

Currently, Prasad is a Senior Scientist within the Drug Product Development Organization at BMS, wherein he works on assessing the in vivo pharmacokinetic (PK) performance of all BMS assets in the Oncology, Immunology, Cardiovascular and Fibrosis Therapeutic Areas. He also provides input as the Biology SME to understand the mechanisms of action of BMS assets under the solid tumor and hematology portfolio in order to translate high level disease area strategies to tangible areas of focus with the Product Development function



Abia Tannous, PhD
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My research experience encompasses Molecular & Cellular biology and Proteomics. I obtained my Master of Science from the University of Massachusetts, Dartmouth, where I investigated antimicrobial peptides binding to bacterial cell wall constituents. I continued as a PhD student in the University of Massachusetts, Amherst, studying protein maturation and quality control in the endoplasmic reticulum of mammalian cells. I obtained my PhD in 2015 and moved on to become a postdoctoral fellow at Rutgers University. At Rutgers, I evaluated four quantitative mass spectrometry methods to map the subcellular proteome. I have been now a scientist at BioAegis Therapeutics since June 2019 where I have been performing duties ranging from assay development to contributing to clinical/regulatory documents.



Xue (Snow) Yang, PhD
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Xue received a bachelor's degree in Applied Chemistry, Capital Normal University, Beijing, China. Xue completed her PhD at Rutgers in Biophysics under the supervision of Jean Baum. Neurodegenerative Disease, Biophysical Characterization, Protein – Protein Interactions



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As Scientific Leader, Clinical Genomics, I support oncology, clinical biomarker and other studies through genomics/transcriptomics. I have 20+ years of post-PhD research experience in molecular biology and biochemistry including 10+ years' experience of managing Genomics Core with hands on experience of all stages of Next Generation Sequencing (NGS) including planning, coordination, experimentation, troubleshooting and analysis.



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Kumar joined Catalent mid 2020 with a background in molecular biology research and genetics. Currently, Kumar works as an analytical scientist in the Analytical Development department for Paragon's Cell and Gene Therapy division. Kumar is excited to work with Catalent because he is exposed to a large amount of companies who coordinate with him to help develop products for patient care. He earned a Master's degree from California State University Los Angeles in 2016 and another Master's degree from Rutgers University in 2020. His Bachelors was from California State University Dominguez Hills in 2014. He has always had a passion for aiding in innovation and previously joined multiple organizations that were geared towards increasing diversity in science such as ABCRMS, SACNAS, LSAMP, MBRS, and IMSD. On his free time he enjoys cooking, volunteering, playing sports, gardening, video games, travel and as a recent resident of Maryland he enjoys exploring the area.