

5th Annual LA Conference on Computational Biology & Bioinformatics

***“ The Comprehensive solution to characterize and
treat every disease ”***

A presentation by

Ram Samudrala, PhD

Xavier University

Convocation Center Annex Building

New Orleans, LA

April 7, 2017

1:10 PM – 2:10 PM



Dr. Ram Samudrala became Professor and Chief, Division of Bioinformatics, State University of New York, Buffalo in 2014, researching multiscale modelling of atomic, molecular, cellular, and physiological systems, with an emphasis on protein and proteome structure, function, interaction, design, and evolution. His work has led to more than 125 publications in journals such as *Science*, *Nature*, *PLoS Biology*, the *Proceedings of the National Academy of Sciences*, and the *Journal of the American Medical Association*.

He was a NIH Director's Pioneer Award finalist for a novel idea to determine the structures of all proteins in a solution that he then presented at CASP7. In 2010, he again became a finalist and went on to receive the Pioneer Award for his Computational Analysis of Novel Drug Opportunities (CANDO) platform, which aims to screen all drugs against all protein structures to discover new repurposeable therapeutics in a shotgun manner for all indications/diseases.

Registration: <http://lbrn.lsu.edu/events/bioinformatics-conference/>