

# **Srikrishna Subramanian**

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## **Speaker Biography:**

Dr. Srikrishna Subramanian is a computational biologist with extensive expertise in structural biology and microbial genomics/metagenomics. His Ph.D. work was in the area of macromolecular (virus) X-ray crystallography. Subsequently, as a postdoctoral researcher, he enhanced his skills in the area of computational structural biology, and made several fundamental contributions in understanding how proteins evolve. Over the course of the last decade, first as an independent researcher at the Burnham Institute for Medical Research, La Jolla, USA, and then as a Principal Scientist at the CSIR-IMTECH, Chandigarh, he has been involved in projects under a common theme, viz., understanding the evolutionary mechanisms that have given rise to our protein universe. His primary research interests are to understand the prevalent mechanisms by which genes and proteins evolve, and use this knowledge, inferred from insightful analysis, to better understand the roles of these macromolecules in their respective organisms.