Prof. Utpal Tatu

Prof. Utpal Tatu is a founding director of a Social Entrepreneurial initiative from Indian Institute of Science with an emphasis on developing better methods of diagnosis and treatment for personalized health by applying tools of Genomics and Proteomics**.** This initiative focuses on making an impact in on the society for the betterment for both individual health as well as the environment.

Prof. Tatu's main scientific contributions include delineation of heat shock response pathway in malaria parasite and discovery of a novel, trans-splicing based expression of heat shock protein 90 gene in *Giardia lamblia*. In addition, his lab is credited with the first whole genome sequencing of an emerging, multi drug resistant agent of candidiasis and is funded by national and international funding agencies. His research work is covered in the editorials of scientific magazines such as Science and Nature Medicine.

Prof. Tatu has headed several multi-institutional projects with bilateral collaborations with international research laboratories and industries in the UK, Switzerland, Denmark, Brazil, France, and the USA. He served as a member of the United States Pharmacopoeia Expert panel for Biologics. He is a recipient of national and international awards such as Ranbaxy Research Award, Birla Science Prize and serves on the editorial board of Molecular Cellular Proteomics affiliated with ASBMB and Parasitology journal published by Cambridge Press. He is also an elected fellow of the Indian Academy of Sciences, a founding member, and the former President of the Proteomic Society of India.