

Institute Lecture



Prof. Utpal Banerjee

University of California

Structured Construction and Deconstruction of Research for the early Undergraduate Curriculum



@ 6.15 pm | Thursday, January 2, 2020
Venue: Outreach Auditorium, IITK

About the Speaker

Utpal Banerjee is the Irving and Jean Stone Professor and Chair of the Department of Molecular, Cell and Developmental Biology at the University of California, Los Angeles with a joint appointment in the Department of Biological Chemistry at the David Geffen School of Medicine. He is the Co-Director UCLA Broad Stem Cell Research Center and Director of the UCLA Interdepartmental Minor in Biomedical Research.

Prof. Banerjee is one of the most renowned molecular and developmental biologists known for his significant work in the fields of blood stem cell maintenance, stress response system and metabolic control in cancer pathways. He is one among the 20 professors in the US to be awarded a \$1 million grant by the Howard Hughes Medical Institute to creatively improve undergraduate science teaching. His laboratory studies the effects of systemic signals on the maintenance of blood progenitors in *Drosophila* and the role of metabolic pathways in the control of proliferation and differentiation in the preimplantation mouse embryo. Prof. Banerjee was elected Member of the National Academy of Sciences (2018); Director, Genetics Society of America Board of Directors (2010); Fellow of the American Association for the Advancement of Science (2009); Fellow of the American Academy of Arts and Sciences (2008); President of the *Drosophila* Board, and Genetics Society of America (2008). He is the recipient of many awards including Elizabeth W. Jones Award for Excellence in Education, Genetics Society of America; NIH Director's Pioneer Award, National Institutes of Health; Howard Hughes Medical Institute Professors Award; Gold Shield Faculty Prize, UCLA. He is also the alumni of IIT Kanpur. In 2018, IIT Kanpur conferred upon him the prestigious Distinguished Alumnus Award for his academic excellence.

All are invited to attend
Dean of Research and Development