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Dr Arun Shukla wins Infosys Prize 2023 in Life Sciences

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Dr Shuklaâ??s research has established a new understanding of G-protein coupled receptors



Infosys Science Foundation (ISF) has announced the winners of the Infosys Prize 2023 in six categories – Engineering and Computer Science, Humanities, Life Sciences, Mathematical Sciences, Physical Sciences, and Social Sciences.

The Infosys Prize 2023 in Life Sciences is awarded to Arun Kumar Shukla, Professor, Biological Sciences and Bioengineering (BSBE), IIT-Kanpur, for his outstanding and far-reaching contributions to the field of G-protein coupled receptor (GPCR) biology. Dr Shukla's research has established a new understanding of GPCRs, which are one of the most important classes of drug targets. His work has opened up previously uncharted avenues for designing novel and effective therapeutics.

Dr Shukla obtained M.Sc. in Biotechnology from the Jawaharlal Nehru University (JNU) in New Delhi and pursued his Ph.D. with Prof. Hartmut Michel at the Max Planck Institute of Biophysics in Frankfurt, Germany.

He subsequently joined the laboratory of Prof. Robert J. Lefkowitz at Duke University as a Research Associate and worked in a very close collaboration with Prof. Brian Kobilka's laboratory at Stanford University. Prior to joining the BSBE faculty in April 2014, he was an Assistant Professor in the Department of Medicine at Duke University, North Carolina, USA.

Since its inception in 2008, the Infosys Prize has honoured the accomplishments of the recipients and awarded them for their contributions to scientific research and scholarship impacting India. The prize for each category comprises a gold medal, a citation, and a prize purse of $100,000. The event was hosted at Infosys Science Foundation's office in Bengaluru.

The laureates of Infosys Prize 2023 were shortlisted from 224 nominations by an international panel of jurors comprising world-renowned scholars and experts.