



3AM

8AM in London (GMT), 5PM in Tokyo
(GMT+9)

VIDEOS: Human Atlas Technologies

- Single molecule mapping of RNA modifications, structures and interactions using direct RNA-sequencing by Sarath Chandra Janga, *Indiana University Indianapolis*

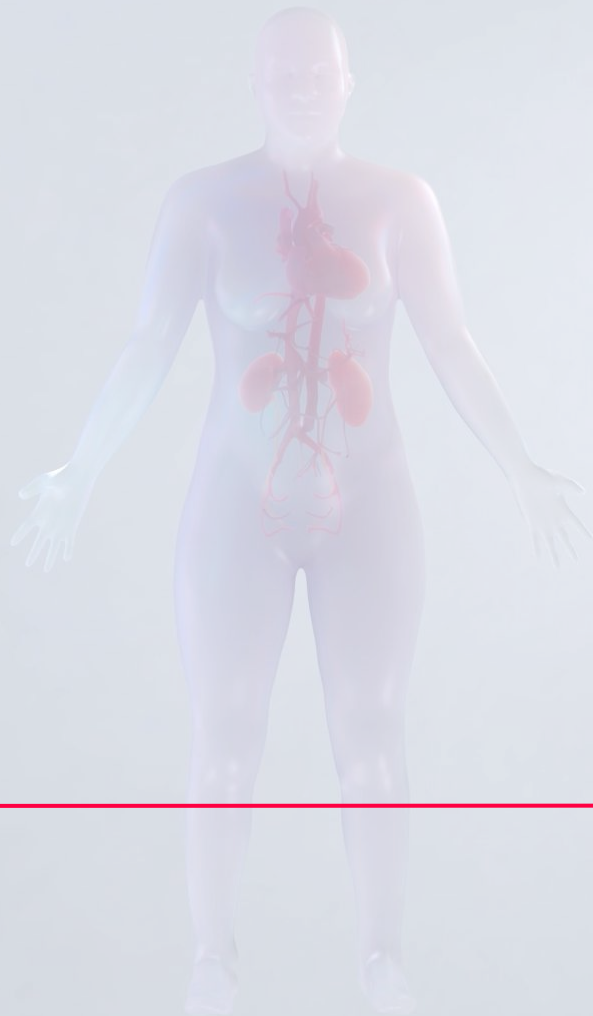


Sarath Chandra Janga, *Indiana*
University Indianapolis

Biography

Bio: Dr. Sarath Chandra Janga obtained his PhD from the MRC Laboratory of Molecular Biology & University of Cambridge in 2010 and was a post-doctoral fellow as Institute for Genomic Biology Fellow at University Illinois at Urbana-Champaign from 2010-2012. He is currently an Associate Professor of Bioinformatics and Data Science at the Luddy School of Informatics, Computing and Engineering, Indiana University Indianapolis (IUI) and a faculty member of the Center for Computational Biology and Bioinformatics at the Indiana University School of Medicine (IUSM). Dr. Janga's research interests include bioinformatics, biomedical imaging, biomedical informatics, genomics and related technologies with applications in functional genomics, RNA biology and therapeutics as well as Oral and Ocular health and diagnostics. Dr. Janga's specific research interests in genomics include developing methods for mapping RNA regulatory networks by integrating cutting edge genomic technologies and data science approaches. Such work has resulted in patent applications at IU and his induction in study committees at National Level. He has over 110 publications with a H-index of 42 and an i10-index of 95. His lab has been supported by grants towards these research directions from NSF, NIH and Life Science industry. Dr. Janga has served on multiple national (Multiple NIH study sections, NSF CAREER, SBIR/STTR panels) and international (Swiss/Polish/Israel/Czech/Danish/Croatian National Foundations and Wellcome Trust) grant panels and review committees covering genomics, imaging technologies and computational biology areas

Q&A



<https://humanatlas.io/events/2024-24h>

Thank you
