

*The 2nd HFSP Frontier Workshop*

# Driving Innovation in the Life Sciences: A role for AI?

*GP Talwar Auditorium  
BRIC-National Institute of Immunology  
New Delhi, India*

**26 November 2024**



The Human Frontier Science Program (HFSP) and the Department of Biotechnology (DBT), Government of India, join hands to host an international symposium that will delve into the transformative role of artificial intelligence (AI) in advancing innovations within the life sciences. Join us as distinguished researchers from around the globe share their insights on the latest advancements in AI and its impact on life sciences.

## OPENING REMARKS



### **RAJESH GOKHALE**

Secretary  
Department of Biotechnology (DBT)  
Government of India



### **PAVEL KABAT**

Secretary General  
Human Frontier Science Program  
Organisation (HFSP)

## SPEAKERS



### **BIG DATA AND AI: THE NEW LANGUAGE OF BIOLOGY**

ANURAG AGARWAL  
Ashoka University



### **MECHANISTIC ARTIFICIAL INTELLIGENCE: A SWISS KNIFE FOR DECRYPTING ANTI- AGING INTERVENTIONS**

GAURAV AHUJA  
IIT-Delhi



### **LEVERAGING AI/ML FOR DECIPHERING COMPLEX IMMUNE RECOGNITION PROCESS**

DEBASISA MOHANTY  
National Institute of Immunology



### **REALLY RELIABLE? GAINING INSIGHTS FROM IMAGING DATA IN THE AGE OF AI**

KATJA BÜHLER  
VRVis Zentrum für Virtual Reality und  
Visualisierung Forschungs-GmbH



### **THEORY-INFORMED MACHINE LEARNING IN SYSTEMS BIOLOGY**

EDDA KLIPP  
Humboldt-Universität zu Berlin



### **USE OF XAI FOR UNCOVERING BIOLOGICAL MECHANISMS**

SATORU MIYANO  
Tokyo Medical and Dental University

## REGISTER AND SAVE YOUR SPOT

Don't miss this opportunity to engage with leading experts and contribute to the conversation on the future of AI in life sciences! Participation in the symposium is free; however, do register to save your seat. Minute-to-minute will soon be available at <https://hfsp-nii-workshop.in/>. Queries about the symposium can be addressed to Banya Kar at [nii\\_hfspo@nii.ac.in](mailto:nii_hfspo@nii.ac.in)







# Driving Innovation in the Life Sciences: A role for AI?

**26 November 2024**

**Details & Registration: [hfsp-nii-workshop.in](https://hfsp-nii-workshop.in)**



*Scan here to register*