

WELCOME TO

# PATHWAYS UNCHARTED

Navigating the Future of Life Sciences

MAY 30, 2024, KAROLINSKA INSTITUTET



12:00	Lunch and mingle
12:45	Opening of Symposium Mia Phillipson och Annika Jenmalm Jensen
12:50	Session I - Moderator: Elisabet Carlsohn, SciLifeLab Gothenburg  Keynote: Considering useful approaches when navigating uncharted territories
13:20	Unmasking AlphaFold: integration of experiments and predictions in multimeric complexes
13:30	Functional Pathology - learning vs discovery
13:40	Evolutionary transitions in cellular complexity
14:55	Discussion with all speakers
14:10	Coffee break
14:40	Session II - Moderator: Markus Heidenblad, SciLifeLab Lund  Spatially resolved transcriptomics by in situ sequencing
14:50	To seamlessly integrate AI with cell and molecular biology
15:00	Functional variation in the human genome: Lessons from natural and induced genetic perturbations
15:10	Single molecule tracking methods by means of fluorescence microscopy
15:25	Discussion with all speakers
15:50	Wrap up and thank you Mia Phillipson och Annika Jenmalm Jensen
15:55	Mingle