AI-based analysis of super-resolution microscopy

Ivan Robert Nabi, PhD
Professor Cellular and Physiological Sciences/Biomedical Engineering
Life Sciences Institute
University of British Columbia

Biological discovery in the absence of ground

Super-resolution microscopy enables the study of molecular structure at the nanoscale level in the intact cell, bridging the mesoscale gap to classical structural biology methodologies. Analysis of super-resolution data by artificial intelligence (AI), or machine learning, offers tremendous potential for discovery of new biology, that, by definition, is not known and lacks ground truth.

Seminar on Thurs, Oct 26 2023, 12-1pm at RRI 2201
Pizza lunch will be provided at the seminar

To RSVP, click here or scan the QR code