

Summary of tutorial

Advanced machine learning methods for modeling, analyzing, and interpreting single-cell omics and spatial transcriptomics data

Mauminah Raina, (Ph.D. student) Indiana University Indianapolis, United States

Yi Jiang, (Ph.D. student) Ohio State University, United States

Lei Jiang, (Ph.D. student) University of Missouri, United States

Michael Eadon, Indiana University Indianapolis, United States

Juexin Wang, Indiana University Indianapolis, United States

Qin Ma, Ohio State University, United States

Dong Xu, University of Missouri, United States

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Learning outcomes

- To understand the basic principles of deep learning, graph representation learning, and model interpretation.
- To understand the specifics of computational tools such as scGNN, DeepMAPS, and BSP, and become aware of the appropriate tools to use in different applications in single-cell multi-omics and spatial transcriptomics studies.
- To gain hands-on experience in applying tools and interpreting results using standalone python-based software scGNN, R-based BSP, webserver-based DeepMAPS, and integrated AI-ready platform.

Feedback survey



 https://docs.google.com/forms/d/e/1FAIpQLSfrjbxbGdE45OFPQg M58JDt59B--gonwjuKw1HkHrR4FLvhhw/viewform?pli=1

Acknowledgement:

