

Artificial Intelligence Methods for Biomedical Big Data: From Theory to Application			
Workshop Schedule			
*** 每场报告时长含 5 分钟讨论，日程动态调整 ***			
主持人	Time	Reporter	Titles
2025/11/10 Monday			
	Breakfast		
	9:00-9:10		开幕式
	9:10-10:00	Jiang Rui	以表观智能体解读单细胞表观基因组语言
	Tea Break		
	10:30-11:00	Pang Yan	
	11:00-11:50	Wang Yong	跨尺度跨物种组合调控网络研究
	Lunch		
	14:00-14:40	Zhang Wei	Inverse regression for causal inferene with multiple outcomes
	14:40-15:20	Liu Zhiping	单细胞基因调控网络构建的生成式方法
	Tea Break		

	15:50-16:10	<i>Li Xiaojie</i>	The Human Intelligence Evolved from Proximal Cis-regulatory Saltations
	16:10-16:30	<i>Sun Rui</i>	
	16:30-16:50	<i>Jia Tongtong</i>	
	Dinner		
2025/11/11 Tuesday			
	Breakfast		
	9:00-9:50	<i>Li Tingting</i>	
	9:50-10:20	<i>Shen Cong</i>	Geometric and Topological Deep Learning for Drug Discovery
	Tea Break		
	10:50-11:40	<i>Li Lei</i>	野生酵母代谢周期的阴阳五行与相生相克
	Lunch		
	14:00-14:30	<i>Lu Yurun</i>	
	14:30-14:50	<i>Ba Te'er</i>	Harmonizing Global and Local Structures in Manifold Alignment for Single Cell Multi-Omics Integration
	14:50-15:10	<i>Tan Bowen</i>	Differential Pathway Analysis with Robust FDR Control Under Highly Overlapping Pathways Using scKnockPath

	Tea Break		
	15:40-16:00	<i>Li Longquan</i>	Learning collective multicellular dynamics with an interacting mean field neural SDE model
	16:00-16:40	<i>Mao Hongfeng</i>	
	Dinner		
2025/11/12 Wednesday			
	Breakfast		
	9:00-9:50	<i>Kang Jiansheng</i>	Energy metabolism is a determinant of neuronal function and viability
	9:50-10:20	<i>Yan Jie</i>	OmniFC: Rethinking Federated Clustering via Lossless and Secure Distance Reconstruction
	Tea Break		
	10:50-11:40	<i>Sheng Nengyi</i>	大脑进化发育遗传基础研究
	Lunch		
	14:00-14:40	<i>Zhang Junhua</i>	糖尿病信号传导机制研究
	14:40-15:00	<i>Wang Ke</i>	基于双激素 OGTT 特征的糖尿病异质性解析
	15:00-15:20	<i>Feng Yuxuan</i>	OGTT 数据加机理更准确预测个体的胰岛素敏感性和胰岛 beta 细胞分泌能力

	Tea Break		
	15:50-16:10	<i>Deng Zhiyun</i>	
	16:10-16:30	<i>Liang Zhongming</i>	
	16:30-16:50	<i>Chai Lu</i>	DeCTCF: Decoding the functional diversity of CTCF via deep learning-based clustering
	Dinner		
2025/11/13 Thursday			
	Breakfast		
	9:00-9:50	<i>Xia Li</i>	
	9:50-10:20	<i>Lin Quancen</i>	Entropy-based time series analysis
	Tea Break		
	10:50-11:40	<i>Wang Guodong</i>	家犬与人在新陈代谢上的趋同进化机制
	Lunch		
	14:00-14:50	<i>Zhang Lirong</i>	Systematic Identification and Characterization of Causal Risk Genes Implicated in Colorectal Cancer by Integrating GWAS, eQTL and mQTL Data
	14:50-15:30	<i>Wan Lin</i>	scCausalVI disentangles single-cell perturbation responses with causality-aware generative model

	Tea Break		
	16:00-16:40	<i>Feng Wei</i>	预后模型支持儿童急性髓系白血病的精准治疗
	16:40-17:00	<i>Zheng Shuqiao</i>	Disentangling Intrinsic and Spatial-Induced Gene Expression in Spatial Transcriptomics
	Dinner		
2025/11/14 Friday			
	Breakfast		
	9:00-9:50	<i>Xu Ying</i>	疾病研究的三个层次：化学稳态失衡、用于再平衡的代谢重编程、及细胞的异常行为
	Tea Break		
	10:20-11:10	<i>Chen Luonan</i>	
	11:10-11:50	<i>Liu Xue</i>	探讨双激素 OGTT 不同指数与糖尿病个体大血管、微血管并发症之间的关系
	Lunch		
	14:00-17:00		Free Discussion