The International Conference on Intelligent Biology and Medicine
(ICIBM 2025) Program, August 3-5, 2025
Pomerene Hall, 1760 Neil Ave, Columbus, OH

Sunday, August 3rd, 2025

7:30 AM - 5:30 PM	**Registration**		
CONCURRENT SESSIONS/WORKSHOPS			
	Room 320	Room 301	Room 350
8:30 AM - 11:30 AM	**Genomics and Translational Bioinformatics Working Group** Chairs: Ece Uzun, Wenyu Song	**Advanced Computational Statistics and Artificial Intelligence to Address Public Health Epidemics** Chairs: Naleef Fareed, Soledad Fernandez	**Microbiome Data Analysis: Advanced Methods and Practical Applications** Chairs: Qunfeng Dong, Xiang Gao
10:10 AM - 10:30 AM	*Coffee/Tea Break*		
11:30 AM - 1:30 PM	*Lunch Break /* **Poster Session I (Atrium)**		
1:30 PM - 1:40 PM	**Opening Remarks** (Room 320)		
1:40 PM - 2:20 PM	**Keynote Lecture** (Room 320) **Veera Baladandayuthapani, PhD**, University of Michigan		
CONCURRENT SESSIONS/WORKSHOPS			
	Room 320	Room 301	Room 350
2:30 PM - 5:30 PM	**Advancements in AI and Large Language Models for Biomedical Research** Chairs: Jing Su, Gangqing Hu	**Big Data for Better Studying Disease Systems** Chair: Xiuwei Zhang	**Advanced Omics Platforms and Tools** Chairs: Kaixong Ye, Hongbo Liu
3:30 PM - 3:50 PM	*Coffee/Tea Break*		

Monday, August 4th, 2025

8:00 AM - 6:00 PM	**Registration**		
8:30 AM - 9:10AM	**Keynote Speaker** (Room 320) **Jiang Bian, PhD,** Indiana University		
CONCURRENT SESSIONS/WORKSHOPS			
	Room 320	Room 301	Room 350
9:20 AM – 12:00 PM	**Advances in Target Discovery and Computational Drug Design** Chairs: Pengyue Zhang, Yijie Wang	**Future Scientist in AI** Chairs: Chi Zhang, Jingwen Yan	**Biosignals and Omics in Neurological and Cancer Diseases: Opportunities and Challenges** Chairs: Haoqi Sun, Chen Huang

10:20 AM - 10:40 AM	*Coffee/Tea Break*		
12:00 PM - 1:30 PM	*Lunch Break*		
1:30 PM - 2:10 PM	**Keynote Speaker** (Room 320) **Qing Nie, PhD**, University of California, Irvine		
CONCURRENT SESSIONS/WORKSHOPS			
	Room 320	Room 301	Room 350
2:20 PM - 5:00 PM	**AI and Applications for Better Understanding Disease Mechanisms** Chair: Xubo Song	**Advances in Bioinformatics** Chair: Juexin Wang **Technology Session** Chair: Yu-Chiao Chiu	**Integrative Genomics and Epigenomics to Link GWAS Variants to Function** Chairs: Hongbo Liu, Kaixiong Ye
3:20 PM - 3:40 PM	*Coffee/Tea Break*		
5:00 PM - 6:00 PM	**Poster Session II (Atrium)**		

Tuesday, August 5th, 2025

8:00 AM - 5:00 PM	**Registration**		
8:30 AM - 9:10 AM	**Keynote Speaker** (Room 320) **Julie A. Johnson, PharmD,** The Ohio State University		
CONCURRENT SESSIONS/WORKSHOPS			
	Room 320	Room 301	Room 350
9:20 AM - 12:20 PM	**Data Science Solutions for Spatial Transcriptomics** Chair: Travis Johnson	**Computational Omics for Precision Medicine and Drug Discovery** Chairs: Bin Chen, Qian Li	**Integrative Bioinformatics for Translational and Precision Medicine** Chairs: Yuan Liu, Shilin Zhao
10:20 AM - 10:40 AM	*Coffee/Tea Break*		
12:20 PM - 1:30 PM	*Lunch Break*		
CONCURRENT SESSIONS/WORKSHOPS			
	Room 320	Room 301	Room 350
1:30 PM - 4:40 PM	**AI and Machine Learning in Translational Genomics** Chairs: Huihuang Yan, Yixing Han	**Data-Driven Insights into Disease Modeling** Chairs: Shulan Tian, Joseph McElroy	**Flash Talks** Chair: Zhifu Sun
3:10 PM - 3:30 PM	*Coffee/Tea Break*		
5:00 PM - 5:45 PM	**Award Presentation** (Room 320)		
5:45 PM - 6:00 PM	**Closing Remarks** (Room 320)		