

14:15-16:00

BIOINF Main Track 2

Aula Magna

14:15-14:30	Sequence-Derived Physicochemical Features and Stacked Learning for SUMOylation-Site Prediction Junyan Li · Qiaobin Yao · Danda Rawat · Jiang Li · Shaolei Teng
14:30-14:45	LLM-Guided Integer Linear Programming for Antibody Library Design Mikel Landajuela Larma
14:45-15:00	Cell Senescence Identification Using Single-Cell Transcriptomics Foundation Model Yongqi Zhao · Fan Tong · Xiangwen Zheng · Yuanyuan Ma · Huajian Mao · Yuting Zhou · Peixiang Yang · Dongsheng Zhao
15:00-15:15	OmicsGPT: Multi-Agent Bioinformatics Orchestration for Evidence-Grounded RNA-seq Interpretation Patrick Roney · James Li
15:15-15:30	Single-cell characterization of HERV-K transcriptional landscapes in acute and chronic HIV infection Lucrezia Pierfederici · Elisabetta Lazzari · Gabriella Rozera · Lavinia Fabeni · Flavia Smoquina · Giulia Berno · Federica Forbici · Valentina Mazzotta · Andrea Antinori · Daniele Pietrucci · Daniele Maria Papetti · Fabrizio Maggi · Isabella Abbate · Giovanni Chillemi
15:30-15:45	Identifying functional drivers of Hepatoblastoma outcomes via agent-based modeling and transcriptomics Alessandro Ravoni · Yuanhua Liu · Stefano Cairo · Filippo Castiglione · Christine Nardini

15:45-16:00

CellChat Hotspot: A Focused Lens on Tumor Microenvironment Communication

Dario Monaco · Mirea Dioguardi · Maria Dipalma · Eliseo Mattioli · Francesco Alfredo Zito · Francesco Giovannelli · Angela Ricco · Oronzo Brunetti · Antonella Argentiero · Simona De Summa