

Transcriptomics of Tomorrow: Single Cell, Spatial and Artificial Intelligence - 2026 PROGRAM

Friday, December 4th 2026 9:10 – 14:55 h

9:10-9:25	WELCOME SESSION <i>Prof. Marta Alarcón Riquelme, Scientific Director of GENYO.</i> <i>Prof. Francisco Martín Molina, Scientific Subdirector of GENYO.</i>
9:25-9:40	Sponsor Talk 1: BMKGENE <i>Speaker to be determined</i> "To be determined"
9:40-9:55	Sponsor Talk 2 <i>Speaker to be determined</i> "To be determined"
9:55-10:35	Invited talk: IPBLN-CSIC, Principal Investigator of the Bioinformatics and Data Science in Biomedicine and Health group <i>Dr. Eduardo Andrés-León</i> "From Single Cells to Spatial Biology: Exploring Tissue Complexity with Advanced Transcriptomics"
10:35-11:15	Invited talk: IPBLN-CSIC (Instituto de Parasitología y Biomedicina López-Neyra), Bioinformatics and Computational Biology Unit <i>Dr. Daniel Jesus García García</i> "Exploring Tissue Architecture with Stereo-seq and Visium HD Spatial Transcriptomics Data"
11:15-11:55	COFFEE BREAK
11:55-12:35	Invited talk: Computational Neuroscience group. Joint Unit in Biomedical Imaging and Artificial Intelligence FISABIO–CIPF. <i>Dr. Jordi Martorell Marugán</i> "Deep Learning for phenotype prediction from single-cell expression data"
12:35-13:35	KEYNOTE TALK: National Cancer Center Research Institute (NCCRI), Japan — Head of Computational Life Science Laboratory

	<i>Dr. Yasuhiro Kojima</i> “Integration of probabilistic modeling and deep learning in systems biology for single cell and spatial omics analysis”
13:35-14:15	Invited talk: University of Granada — Department of Cell Biology <i>Dr. Antonio Herrera Camacho</i> “Mapping development in space and time: from experimental design to spatial omics analysis”
14:15-14:55	Host talk: University of Granada — Department of Biochemistry and Molecular Biology III and Immunology <i>Phd. Antonio Matilla Serrano</i> “YUMELig — Deep Learning for Spatial Cell-Cell Signaling: Ligand to Gene Cascades”