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

Friday, December 4th 2026 9:10 – 14:50 h

9:10-9:20	**WELCOME SESSION** ***Prof. Marta Alarcón Riquelme, Scientific Director of GENYO.*** ***Prof. Francisco Martín Molina, Scientific Subdirector of GENYO.***
9:20-9:35	**Sponsor Talk 1: BMKGENE**
9:35-9:50	**Sponsor Talk 2: Longwood**
9:50-10:05	**Sponsor Talk 3: Palexhealth**
10:05-10:40	**Invited talk: IPBLN-CSIC, Principal Investigator of the Bioinformatics and Data Science in Biomedicine and Health group** ***Dr. Eduardo Andrés-León*** "From Single Cells to Spatial Biology: Exploring Tissue Complexity with Advanced Transcriptomics"
10:40-11:20	**COFFEE BREAK**
11:20-11:55	**Invited talk: IPBLN-CSIC (Instituto de Parasitología y Biomedicina López-Neyra), Bioinformatics and Computational Biology Unit** ***Dr. Daniel Jesus García García*** "Exploring Tissue Architecture with Stereo-seq and Visium HD Spatial Transcriptomics Data"
11:55-12:30	**Invited talk: Computational Neuroscience group. Joint Unit in Biomedical Imaging and Artificial Intelligence FISABIO–CIPF.** ***Dr. Jordi Martorell Marugán*** "Deep Learning for phenotype prediction from single-cell expression data"
12:30-13:20	**KEYNOTE TALK: National Cancer Center Research Institute (NCCRI), Japan — Head of Computational Life Science Laboratory** ***Dr. Yasuhiro Kojima***

	“Integration of probabilistic modeling and deep learning in systems biology for single cell and spatial omics analysis”
13:20-13:40	**BREAK**
13:40-14:15	**Invited talk: University of Granada — Department of Cell Biology** ***Dr. Antonio Herrera Camacho*** “Mapping development in space and time: from experimental design to spatial omics analysis”
14:15-14:50	**Host talk: University of Granada — Department of Biochemistry and Molecular Biology III and Immunology** ***PhD. Antonio Matilla Serrano*** “YUMELig — Deep Learning for Spatial Cell-Cell Signaling: Ligand to Gene Cascades”