January 12-16 | 2026

PROGRAM

Advanced Course
Bioinformatics Analysis of Spatial Biology Data

January 2026	12	13	14	15	16
9:00 – 10:00	**Alvaro Lladser & Eliane Piaggio:** Welcome and "Introduction to spatial transcriptomics"	**Camilla Engblom:** "Spatially resolving antigen receptors in cancer tissue and beyond"	**María José Pino:** "Sequence-based spatial transcriptomics technologies"	**Sergio Hernández:** "Clinical Applications of multiplex immunofluorescence: From Tissue Profiling to Survival Analysis"	Team work
10:00 – 11:00	**Eduardo Villablanca:** TBD	**Mariana Boroni:** "Mapping Resistance: Exploring Chemotherapy Response in Ovarian Cancer by Spatial and Single-Cell Transcriptomics"	Hands-on Visium	Hands-on mIF	Team work
11:00 – 11:15	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:15 – 13:00	**Andrés Hernández-Oliveras:** Course description **Javiera Reyes:** "Image-based spatial transcriptomic technologies"	Hands-on Xenium	Hands-on Visium	Hands-on mIF	Team work
13:00 – 14:30	Lunch	Lunch	Lunch	Lunch	Lunch
14:30 – 16:00	Hands-on Xenium	Hands-on Xenium	Hands-on Visium	Team work	Project session 1
16:00 – 16:15	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
16:15 – 18:00	Hands-on Xenium	Hands-on Xenium	Hands-on Visium	Team work	Project session 2 and closure

Universidad San Sebastián · Fundación Ciencia & Vida · institut Curie · FALP · Centro Ciencia & Vida · Agencia Nacional de Investigación y Desarrollo