SPICE-CC

POSTDOCTORAL OPPORTUNITY
UNIVERSITY OF MILANO-BICOCCA
MILAN, ITALY

Postdoctoral Researcher in Spatial Biology

Tumor microenvironment • Multiplex imaging • Cancer research

DURATION	SALARY	START
24 months	**€50,000 gross/year**	**April 2027 (flexible)**

ABOUT THE PROJECT

We are recruiting an experimental spatial biologist for SPICE-CC (Spatial multiplex imaging for recurrence-risk stratification in early-stage cervical cancer after radical surgery), a newly funded Italian PRIN research project at the University of Milano-Bicocca. We aim to discover how the spatial organization of tumor, immune, stromal and vascular cells relates to recurrence, using high-dimensional multiplex imaging of clinically annotated human FFPE samples.

YOUR ROLE

- Perform and optimize high-dimensional multiplex immunofluorescence imaging on FFPE tumor tissues.
- Characterize cell populations, tumor–immune interactions, tissue neighborhoods and spatial architecture at single-cell resolution.
- Contribute to image segmentation, cellular phenotyping, quality control and quantitative spatial analysis.
- Interpret spatial data in their biological and clinical context, working closely with pathologists, clinicians and computational researchers.

YOUR PROFILE

- PhD in Cell Biology, Cancer Biology, Immunology, Molecular Biology or a related discipline.
- Strong experimental background with hands-on experience in immunofluorescence, microscopy or tissue imaging.
- Scientific independence, analytical thinking and enthusiasm for multidisciplinary research.

Assets, but not required: multiplex imaging, spatial proteomics/transcriptomics, human FFPE tissue analysis, QuPath, Fiji/ImageJ, R or Python. Previous spatial-omics experience is not mandatory.

WHAT WE OFFER

A two-year appointment with a gross annual salary of €50,000; access to high-dimensional spatial imaging and clinically annotated specimens; and a collaborative environment spanning Milano-Bicocca, the University of Milan/European Institute of Oncology, University of Modena and Reggio Emilia, and Bocconi University. The position offers opportunities for scientific ownership, publications and career development.

HOW TO APPLY

Please send **your CV (including publications), a brief statement of research interests, and contact details for two referees** to **metello.innocenti@unimib.it** (subject: SPICE-CC Postdoctoral Application).

APPLICATION DEADLINE December 10, 2026