Fabio Petti

Phd student

Contacts

f.petti@uniroma1.it

+393208440530

Via Diego Angeli 98, 00159 (RM)

Languages

Italian (Native Speaker)

English B2

Skill

Techniques of cellular and molecular biology (Human Cells)
- Transfections
- Survival assay
- Migration assay
- Western Blot
- Cell culture (murine and human cells)
- Fluorescence Microscopy
- RT-qPCR
- RNA and protein extraction
- Rna Immunoprecipation (RIP)
- Chromatin Immunoprecipitation (ChIP)
- Flow cytometry
- Chromatine Isolation by RNA purification (ChIRP)
- Analytical thinking
- GraphPad Prism and PyMOL software, excel
- Creative problem solving
- Teamwork
- Good communication skills

I'm a PhD student in Human Biology and Medical Genetics program at Sapienza University of Rome. My previous work experience was gained during a two-year master thesis internship in the same University. In these years, I have become familiar with the world of scientific research, learning not only the technicalaspects but also how to work as part of a team, communication skills, and the importance of solving unexpected problems. I have gained experience in different laboratories, adapting to each one and expanding my technical knowledges. Now, I am ready to put all my knowledge into practice and acquire new ones.

Research interests

Research activity mainly focused on molecular mechanisms controlling epithelial cell differentiation and transdifferentiation in physiology and pathology.

Academic education

PhD studenti in Human Biology and Medical Genetics
Sapienza Università di Roma l P.le Aldo Moro, 5 00185 Roma (RM)
November 2024- now

Master's Degree in Genetics and Molecular Biology 109/110
Sapienza Università di Roma l P.le Aldo Moro, 5 00185 Roma (RM)
2024

Bachelor's Degree in Biological Sciences 101/110
Università Degli Studi Del Molise l Contrada Fonte Lappone, Pesche (IS)
2020

High school Diploma as Biotechnological Technical Expert 96/100
Istituto Tecnico Biotecnologico ITAS Pertini (CB)
2015

Roma 31.01.2025