

Post doc position at Centre de Recherche des Cordeliers

Team : Personalized medicine, pharmacogenomics, therapeutic optimization, head Pr. P. LAURENT-PUIG (http://www.crc.jussieu.fr/pierre_laurent_puig.html)

Abstract of the project

The project focuses on the mechanisms underlying prognosis and treatment resistance in non-small cell lung cancer (NSCLC). By combining analyses on various collections of samples (primary tumour and/or lymph nodes) from patients with localized or metastatic NSCLC as well as cell-based experiments, the aim is to identify novel biomarkers or signalling pathways sustaining metastasis or resistance to targeted therapies and immunotherapy.

Duration:

The offer is for one year. Further grant applications to extend the project can be considered according to progress.

Salary: 2500 euros

Main activities

- Molecular analyses of FFPE samples: DNA-RNA isolation, NGS, RT-qPCR
- Bioinformatic analyses of RNAseq data
- Cell biology analyses: cell culture and treatment, RT-qPCR, Western blot, xCELLigence recording
- Data reporting

Associated activities

- Plan the experiments
- Manage a collection of biological samples
- Scientific presentations
- Participation to the lab's common tasks

Experience and skills required

- Molecular and cell biology basic techniques
- Basic knowledge in bioinformatics (R coding)
- Autonomy
- Good English level
- Ability to work in a team

Deadline for application

November 30th 2021

To apply:

Please send CV and cover letter and names of 2 references to

Pr H el ene BLONS : helene.blons@aphp.fr

Dr Sophie Mouillet-Richard : sophie.mouillet-richard@parisdescartes.fr>