



Postdoctoral Position in Cell Biology (Nantes, France)

We are seeking a talented postdoctoral scientist that will conduct pioneering research to decipher new mechanisms by which primary cilia mediate paracrine signaling in cellular ecosystems. Primary cilia are hair-like projections that assemble at the surface of distinct cell types in various tissues of multicellular organisms. They act as cell signaling centers to dictate cell fate decisions in normal and disease states. We are especially interested in the role of primary cilia in paracrine signaling between epithelial and immune cells in normal and pathological settings and in the putative role of ciliary vesicles in this intercellular dialogue. The postdoctoral scientist will benefit from innovative organoid models and tools that we have already established to foster the development of his/her project on this topic. The postdoctoral scientist will benefit from assistance of technical staff for his/her project. He/She will join a dynamic and emerging research group “Epithelial Plasticity and Primary Cilia” at the Inserm Cancer research Center of Nantes (CRCI²NA, in team 7). Candidates should have a solid background in cell biology with knowledge on cilia and/or extracellular vesicles and experimental skills in cell/organoid culture, proteomics. Good written and oral communication skills in English are important.

Education level of the applicant: PhD in Biology

Skills/Qualifications: Strong background in cell biology with knowledge on cilia, extracellular vesicles, microscopy, proteomics. Competitive track record with at least one publication as first author in a top-tier journal.

Languages: English/French

Salary: 2900-3300€/month (gross salary, depending on the level of experience)

Contract start date: Beginning of 2024

Contract duration: 2 years

Application process: Please, submit your application including a CV, a brief description of your past achievements and goals and contact information for at least two referees in one pdf file at the following address: vincent.guen@inserm.fr.

Application deadline: October 27, 2023.

Group webpage: <https://www.univ-nantes.fr/vincent-guen>

Selected recent publications of the EP²C group:

Dupuy et al. *Methods In Cell Biology*. 2023.

Wilson et al. *Science Advances*. 2021.

Guen et Prigent *Cell Chem Biol*. 2020.

Wilson et al. *Trends Cancer*. 2020.

Guen et al. *Am J Med Genet A*. 2018.

Guen et al. *Proc Natl Acad Sci U S A*. 2017.