

Post doctoral position

A post-doctoral contract is proposed within the framework of a project concerning the study of drug candidates modulating the action of molecular motors involved in cancer. This contract will strengthen the links between the “design, synthesis and evaluation of molecules of therapeutic interest” team led by Catherine Guillou (ICSN/CNRS UPR2301) and the “structural motility” team led by Anne Houdusse (Institut Curie/CNRS UMR144). The candidate will be part of an interdisciplinary project involving chemistry, biology and structural studies.

<https://icsn.cnrs.fr/recherche/sncm/conception-synthese-et-evaluation-de-molecules-dinteret-therapeutique>

<https://science.institut-curie.org/research/multiscale-physics-biology-chemistry/umr144-subcellular-structure-and-cellular-dynamics/team-houdusse/>

Missions :

- Design, synthesis and characterization of new bioactive compounds
- Written and oral presentations of results

Knowledge and skills required :

- Strong background in organic chemistry
- Strong motivation, a creative mind and an ability to integrate into a collaborative multidisciplinary collaborative project
- Ability to work effectively both independently and as part of a team
- Excellent oral and written communication skills
- Knowledge in medicinal chemistry, biological chemistry would be appreciated.
- Good level of scientific English (read, spoken and written)

Profile of the candidate :

- PhD student in organic synthesis, medicinal chemistry, biological chemistry
- Good knowledge of classical synthetic chemistry techniques and spectroscopic analysis (NMR, mass, HPLC)
- Experience in multi-step synthesis
- Strong interest in the chemistry-biology interface

Work environment :

Institute of Chemistry of Natural Substances, CNRS, 1 Avenue de la Terrasse, Bt 27
91198 Gif-sur-Yvette, France

Type and duration of contract : One-year fixed-term contract starting in September 2021

Applications :

Applicants are invited to submit a curriculum vitae, a letter of motivation and two recommendation letters as soon as possible.

Contact person: Dr. Catherine Guillou, catherine.guillou@cnrs.fr