

Postdoctoral position in Organic Chemistry/Chemical Biology

Location: CEA-Saclay, Department of bioorganic chemistry and isotopic labeling, Gif sur Yvette, France.

The laboratory is located in the CEA center of Saclay, 20 km from Paris.

<https://tinyurl.com/CEAJOLIOT-SCBM-LMC-eng>;

[@LMCTaran](#) [@DavideAudisio](#)

Job description:

In the frame of a collaborative CEA project aiming at developing new technologies based on chemical biology approaches for therapy and diagnosis (see for example *J. Med Chem.* **2022**, *65*, 6953–6968), we wish to recruit a highly motivated post-doctoral researcher for a 12 months contract. The project involves the development of novel technologies (site-specific radio labeling and digital imaging) for monitoring *in vivo* performances of protein–drug conjugates. In the framework of this project, we aim to devise tools for effective radioactive labelling of Abs and ADCs for PK/PD studies. Several format of biologics (IgG, Fragment of antibody (Fab) and nanobody/VHH) will be labelled and their *in vivo* distribution will be studied and compared with non-site-specific state of the art technologies.

The postdoctoral fellow will be hosted in the *Service de Chimie Bioorganique et de Marquage* at CEA-Saclay and work in close collaboration with chemical and biological teams within the network.

Duration: 12 months; salary: ca. 2200-2300€ net per month.

Candidate profile: the successful candidate is a skilled organic chemist, holder of a PhD in organic chemistry, with a strong scientific record, a high motivation. Good verbal and written communication skills and a flair for teamwork are required.

How to apply: applicants should send their CV with a list of current publications, a cover letter motivating their interest in the position and the names and addresses of two referees davide.audisio@cea.fr and laurent.devel@cea.fr. The selected candidate is expected to start in December 2022/January 2023. Applications are considered from now, until the position is filled.

References:

For recent publication from our laboratory, see: *J. Med Chem.* **2022**, *65*, 6953–6968 *J. Am. Chem. Soc.* **2021**, *143*, 5659–5665; *ACS Catal.* **2021**, *11*, 2968–2976; *Chem. Commun.*, **2020**, *56*, 11677–11680; *Angew. Chem. Int. Ed.* **2020**, *59*, 13490–13495; *J. Am. Chem. Soc.* **2019**, *141*, 780–784; *Angew. Chem. Int. Ed.* **2018**, *57*, 9744.