



Protein Chemistry/Biochemistry – Openings for junior scientists or junior group leaders in the Loire Valley, Orléans-France

The Centre for Molecular Biophysics (CBM) of CNRS is seeking outstanding junior candidates to strengthen or establish new world-class research programs in **Chemical Protein Engineering**.

CBM (~150 scientists and supporting staff) is an interdisciplinary research center dedicated to the exploration of biological functions/dysfunctions and development of new diagnostics and therapeutics, with a strong component in peptide and protein research. CBM is looking for scientists with a background in chemistry and/or biochemistry to strengthen existing projects including chemical protein synthesis and peptide engineering (peptide bond analogs, macrocyclic peptides, disulfide-rich miniproteins, etc.), or to establish a new research theme. The latter could include chemistry-driven development of methodologies for chemical protein synthesis or for post-modification of expressed proteins (genetic code expansion, etc.), or biology-driven chemical biology approaches.

CBM has state-of-the-art equipment for the production, purification and characterization of proteins, peptides, and synthetic building blocks, including peptide synthesizers, analytical/preparative HPLC, LC-MS, HRMS, FPLC, 400/600 MHz NMR and cell culture facilities. In addition, a broad range of other instrumentation in structural biology (700 MHz NMR with cryoprobe, X-ray generator, crystallography robot, MALDI-TOF), optical spectroscopy and imaging, confocal and atomic force microscopy, flow cytometry, MRI, etc., combined with L2 cell culture rooms and small animal facilities, all within the same center, makes CBM a unique place to address both fundamental and applied biological questions from an interdisciplinary point of view.

CBM is located on the CNRS Campus in Orleans, at the heart of the Loire valley, an area offering a superb quality of life. CBM teams benefit from a rich and diverse scientific environment from the CNRS campus, University of Orléans and local hospital and from its proximity (~1h drive) to research centers in Tours and Paris. CBM offers excellent working conditions in 6300 m² of recently constructed or renovated lab and office space.

Recruitment of permanent staff at CNRS (the largest French research body) is a yearly nationwide contest of candidates, with the support of a CNRS laboratory. For the next recruitment campaign (early 2021), CBM seeks applicants who have obtained their PhD after 2011 and who meet criteria for junior "Chargé de Recherche" positions (<http://www.dgdr.cnrs.fr/drhchercheurs/concoursch/informer/default-en.htm>). Candidates should also manifest clear potential to secure national and international external funding. Several competitive funding schemes are open to outstanding junior scientists and may provide temporary alternatives to permanent CNRS positions.

Successful candidates will be offered to join an existing CBM group or to create a new group, depending on their research proposal and record of accomplishment. The offer will include laboratory and office space, access to onsite core facilities and equipment, and priority applications for PhD fellowships and other sources of local funding.

Applications should include a full CV and contact details of three referees, a brief description of achievements, records of previous and ongoing funding (when applicable), and a summary of the proposed research program. Applications should be sent to cbmjobs@cnrs-orleans.fr **before 15th of June 2020**. Shortlisted candidates will be contacted in July 2020 for interviews and, if the Covid-19 situation allows it, to visit CBM in the fall.

<http://cbm.cnrs-orleans.fr/>