

**Tenured Professor Position in
AFM Cellular Imaging
Chair of Excellence
IdEx Bordeaux**

The University of Bordeaux is opening a full professor position in AFM cellular imaging. This position may benefit from specific funding through the IdEx Bordeaux Chairs program. This program is expected to contribute to strengthening the academic community of the University of Bordeaux and other partner institutions in strategic fields by supporting high-profile researchers in setting up a research team for the development of their projects within one of Bordeaux laboratories.

The University of Bordeaux is looking to reinforce its expertise in cellular imaging based on Atomic Force Microscopy (AFM). A full professor position (see note 1) is now open in this field. The successful candidate should be able to lecture both in French and in English at undergraduate and graduate levels.

The appointed professor will join the CBMN laboratory (UMR5248) and should be an expert in AFM imaging, particularly the high speed imaging in liquid. The new professor will also consider coupling AFM with other complementary techniques such as fluorescence or Raman spectroscopy. Additional competence in tip functionalization will also be appreciated. We expect the new professor to impulse new cooperation activities in these fields.

The successful candidate will have a strong track record in independent research with a sustainable research plan and ability to attract research funding from appropriate sources.

To obtain any additional information about this specific position, please contact, Sophie Lecomte (sophie.lecomte@u-bordeaux.fr), head of the CBMN.

The Professor, recruited through a competitive admission process, may benefit from a startup funding through the **IdEx Bordeaux Chairs Program**. International researchers preparing their application for this university tenure positions are welcome to apply.

The chair funds may be used for the setting up of a research lab (purchase of equipment), for hiring team members (salaries) and for operational costs. Candidates are informed that being appointed as full professor will not automatically imply the granting of the chair of excellence, as IdEx Bordeaux will perform an independent evaluation of the installation project. Candidates should thus specifically apply to the IdEx Chair funding scheme by submitting before April 13 2018 (5 pm French-time) the following documents through the Senior Chairs application website: - a letter of intent introducing the candidate and briefly presenting his/her project and its medium- to long-term perspectives; - a full Cv of the candidate; a research project description, an estimative budget (3 years) and an ethical issues self-assessment.

In the absence of a suitable candidate, IdEx Bordeaux selection committee reserves the right not to grant this chair.

Note 1: International researchers should hold a “qualification” from the French “*Conseil national des universités*” (CNU), or occupy a Professor or Assistant Professor position (or equivalent) in a foreign university.

The institute of Chemistry and Biology of Membranes and Nano-objects (CBMN, UMR5248) is an institute belonging to CNRS, University of Bordeaux and to the Bordeaux Aquitaine National Polytechnic Institute. It is multi-disciplinary and operates at the interface between Chemistry, Biology and Physics by hosting 15 research laboratories distributed in three departments: Biomimetic and Therapeutic Chemistry, Biophysical Chemistry and Biology and Biotechnology. 9 Technical Platforms (NMR, X-Rays, Electron Microscopy, Mass spectrometry, Vibrational spectroscopy (IR-Raman-BA-PWR), Molecular Modelling, AFM, peptide synthesis, recombinant protein production) nicely complement the high level expertise of research laboratories. More than 200 people work at CBMN, half of them having a permanent position in one of the main trustees or in the associated trustee (Bordeaux Sciences Agro).

The Initiative of Excellence of the University of Bordeaux (IdEx Bordeaux) is a collective program coordinated by the University of Bordeaux, in association with national research centers CNRS and Inserm, and the following higher education and research organizations: Bordeaux Sciences Agro, Bordeaux INP, universit  Bordeaux Montaigne and Sciences Po Bordeaux. IdEx Bordeaux also involves other partnering organizations: CEA, Inra, Inria, Irstea, Ifremer and CHU de Bordeaux.

The Initiative of Excellence of the University of Bordeaux has been labeled and granted by the French government within the framework of Investissements d'Avenir.