

Recrutement Maître de conférences 2021

Fiche de poste

Type of position: Assistant Professor	N° section CNU : 32
Poste n° (renseigné par le SRH) :	N° Galaxie (renseigné par le SRH) :
Job Profile: Bioinorganic chemistry	
Job Profile (profil synthétique en anglais pour Galaxie) : Bioinorganic chemistry	
Champs de recherche de la <i>liste EURAXESS</i> (https://euraxess.ec.europa.eu/jobs/search) : Chemistry	
Keywords: Inorganic chemistry, Transition metal complexes, Spectroscopies, Bioactive molecules, Cellular biology	
Teaching	
Department: Chemistry	Head of department:
Location: ENS PSL	Anne BOUTIN
Department website: www.chimie.ens.psl.eu/en	
Contact (phone number and email address): +33 1 44 32 24 29, anne.boutin@ens.psl.eu	
Teaching description:	
<p>The Assistant Professor will be involved in teaching activities in the department of Chemistry at the Ecole Normale Supérieure (last year of Bachelor and Master level) and more generally of the University Paris Sciences et Lettres (PSL), including in class teaching and practicals, tutoring and participation in the management of teaching programs. They will propose original themes and formats for classes, in all aspects of chemistry and its interfaces. They will contribute to the curriculum in organic and/or inorganic chemistry, in a broad sense, with many opportunities to teach chemistry at the interfaces with biology and physics. Previous teaching experience, in any format, is desirable. Teaching skills as well as an openness to innovation in teaching methods will be a determining criterion for the selection of the candidate. Teaching may be given in French or English.</p>	



Recherche	
Laboratory : LBM UMR 7203 Localisation : ENS	Head of laboratory : Olivier LEQUIN
Laboratory website : https://www.chimie.ens.fr/recherche/laboratoire-lbm/	
Contact (email address): clotilde.policar@ens.psl.eu	
<p>Description of the laboratory and the "Metals in Biology" team:</p> <p>The Assistant Professor will develop their research program within the "Peptides, glycoconjugates and metals in biology" team of the BioMolecules laboratory (LBM, UMR 7203 CNRS ENS SU). This team consists of scientists working on the development of organic or inorganic molecules or nanoparticles, particularly for biological or therapeutic purposes, the optimization of analytical methods in a biological context and the exploration of innovative imaging techniques. The team has complementary know-how in bioorganic and bioinorganic chemistry.</p> <p>Research program:</p> <p>The Assistant Professor will participate in and propose ambitious research projects in bio-inorganic chemistry within the "Metals in Biology" team, in symbiose with colleagues and facilities in chemistry, biology and biophysics of the UMR and the Department of Chemistry of the ENS PSL. They will integrate into this multidisciplinary environment and bring original skills and ideas in some of the following fields: design and synthesis of molecules and assemblies with controlled properties (for example: functionalized ligands for transition metals, metal complexes, nanoparticles, probes for cell imaging, etc.); qualitative and quantitative analysis in biological environments (for example: spectroscopies, imaging, proteomic approaches, speciation in biological environments, etc.). In particular, they may be develop, with possible collaborations within PSL University, approaches in metallomics or analysis of cations or metal complexes in a biological context.</p> <p>Assistant Professor is expected to have acquired significant experience while working on ambitious research projects, which may be in synthesis and/or physical or analytical methods, and have an interest for the interface of chemistry with biology (experience in cell culture would be a plus).</p>	