

DEPARTEMENT DE CHIMIE MOLECULAIRE

Available postdoc position at the
Department of Molecular Chemistry (DCM) in Grenoble, France

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Topic: Protein-Based Nanotechnologies for the development of biosensors and bio-batteries

Location: Grenoble, France

Subject:

A two-year post-doctoral position is available in Grenoble (French Alps) for working on a collaborative ANR project between the the Department of Molecular Chemistry (<https://dcm.univ-grenoble-alpes.fr/recherche-scientifique/equipe-bea>) of the Grenoble University in France and Chemistry and Biology of Metals Laboratory (<http://www-dsv.cea.fr/irtsv/lcbm>).

The aim of the project is the development of biosensors and bio-batteries made of proteins only. Novel redox chimera metalloproteins will be studied on different type of electrodes.

Candidate's profile: The candidate should have a background in electrochemistry. Experience in enzyme manipulation and/or surface chemistry is welcome.

- Starting date: December 2018

Relevant articles

1. L. Altamura, C. Horvath, S. Rengaraj, A. Rongier, K. Elouarzaki, C. Gondran, A. L. B. Maçon, C. Vendrely, V. Bouchiat, M. Fontecave, D. Mariolle, P. Rannou, A. Le Goff, N. Duraffourg, M. Holzinger and V. Forge, *Nat Chem*, 2017, **9**, 157–163.
2. S. Rengaraj, R. Haddad, E. Lojou, N. Duraffourg, M. Holzinger, A. Le Goff and V. Forge, *Angew. Chem. Int. Ed.*, 2017, **56**, 7774–7778.