



3 years Postdoc position in molecular oncology at the CRBM of CNRS-Montpellier

Project title: oncogenic kinase regulation by its unstructured region

Project summary: The “cancer cell signalling” team aims at understanding how deregulation of oncogenic kinases promotes epithelial cancer formation and use this information to develop novel points of therapeutic intervention. The aim of the proposed project aims at deciphering an important mechanism of oncogenic kinase regulation by its unstructured region. The candidate will address this novel mechanism by combining a novel synthetic library screening approach with NMR, phosphoproteomic and optogenetic methods.

Research environment: this research project will be developed at CRBM in strong collaboration with the BioNMR lab from the Barcelona University together with cell biology, proteomic and bioinformatics groups from CNRS/INSERM.

Funding: 30-36 months CDD for a postdoc funded by ANR currently available

Candidate: Highly motivated young postdoc with a high profile in cell and molecular biology. Experience in cell signalling, cancer biology and genomic library screening will be seen as a plus. An ability to interact socially and scientifically in a multidisciplinary environment will be required. Previous work experience and publication record will be considered as an important element during the selection process.

Selected publications: Aponte et al *Oncogene* (2021) ; Sirvent et al *Cancers* (2020) ; Lecointre et al *Structure* (2018); Jeitany et al *EMBO Mol Med* (2018) ; Imjeti et al *PNAS* (2017); Arbesú et al *Structure* (2017); Chevalier et al *Nat Commun* (2016) ; Maffei et al *Structure* (2015); Naudin et al *Nat Commun* (2014).

Contact: serge.roche@crbm.cnrs.fr

<http://www.crbm.cnrs.fr/index.php/en/serge-roche-uk>

<http://www.crbm.cnrs.fr>