INSTITUT DE GÉNOMIQUE FONCTIONNELLE

CNRS UMR5203 - INSERM U1191 - UNIVERSITÉ DE MONTPELLIER

LabEx EpigGenMed
http://www.epigenmed.fr/

Object: **Post-doc position in Cancer Biology. Montpellier, Institute of Functional Genomics.**

Research programme

The post-doc candidate will be assigned a scientific project on the regulation of P53 transcriptional activity in human cancers. A particular focus will be geared toward the involvement of P53 transcription cofactors in chemotherapeutic resistance of human breast cancer models. The research programme will rely on Chromatin Immunoprecipitation followed by DNA-Sequencing (ChIP-Seq), RNA-Seq in biological conditions of P53 activation and/or pharmacological inhibition and finally affinity purification followed by mass spectrometry analysis. The experiments will be carried out in close collaboration with the Montpellier Proteomics Platform (http://www.fpp.cnrs.fr/en/) and the Montpellier Genomix Platform (http://www.mgx.cnrs.fr/?lang=en).

The candidate will hold a PhD. and publication records as a first author in competitive peer-reviewed journals. The candidate must possess a thorough knowledge in "omics" approaches, especially in ChIP-Seq, with track of records attesting for ChIP expertise. Potential candidates must display abilities in project management, method development, data collection and analysis.
Our team is looking for a self-dedicated and highly motivated collaborator for a long-term endeavor perspective in a French research Institution (tenure position opportunity). To reinforce the strength of our research group, we are expecting an adventurous candidate with a natural team spirit and willing to tackle fundamental aspects of cancer biology.

C3G team presentation

The Cell Cycle Clock genomics, C3G team has started in 2011. It is devoted to developing modern alternatives for the theranostic use of D-type Cyclins and associated protein partners. Since 2013, we have filed three patents and achieved a major breakthrough on the biology of core cell cycle regulators in aging aside of their input on cell proliferation (http://dyatag.com/). We are leading our research programme in close collaboration with specialists in protein-protein interaction detection (http://www.arpege.cnrs.fr/), clinicians (http://www.icm.unicancer.fr/en) and industrial partners (http://www.medesispharma.com/en/). Our field of interest ranges from cancer biology to neurodegeneration, with a new emphasis on the transcriptional impact of D-type Cyclins. We use both *in cellulo* biological models and *in vivo* genetically engineered mice.
Our lab is located at the Institute of Functional Genomics (IGF, http://www.igf.cnrs.fr/index.php/en/), a fully equipped (Orbitrap Elite, Hiseq 2005, PHERAstar) modern building inaugurated in 2010 and which just opened a brand new animal facility.

Post-doc Contract

The post-doc contract will run for two years and can be renewed for one year. We expect the candidate to be ready for a tenure track appointment contest at the end of this period. Would the candidate be successful, she/he will be offered a permanent job in the team an become a life-long member of one of the prestigious French research institution (CNRS or INSERM).

Institute of Functional Genomics
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Salary and benefits
The post-doc gross salary will be of 2550€ per month. This stipend can be completed by social implementation allowed by the French government (http://tafer.fr/index.php/en/). The contract goes with full health insurance cover and free-of-charge medical assistance.
Additional financial support is possible for housing, daycare, school, transportation, sports and other hobbies (http://regionlr.caes.cnrs.fr/spip.php?rubrique2). The candidate will be guided on the administrative front to benefit from these financial supports.

Location
The IGF is located in the city of Montpellier, South of France (http://www.ot-montpellier.fr/en/), with easy access by car and by commuter rail (10 minutes away from downtown Montpellier). The city of Montpellier hosts the oldest Medical faculty of the world and stands few minutes away from the beautiful Mediterranean coast on the south (http://en.plages.tv/seaside-resorts/carnon-34281), or from the countryside on the north (http://www.tourisme-picsaintloup.fr/en).

Life in Montpellier
Montpellier has been the most growing city of France over the last decade. Montpellier ranks as the number 8th French city in terms of population count, which makes it a human-sized town of international competitiveness. You can enjoy the beauty of its medieval monuments and outstanding museums (http://www.fise.fr/fr/fise-world-series/fise-world-montpellier-2015), as well as the young spirit of the new generation (http://www.fise.fr/fr/fise-world-series/fise-world-montpellier-2015).
Housing in Montpellier offers a wide range of possibilities whether you prefer the calm of a small town 10 minutes away from the lab (http://www.seloger.com/immobilier/locations/immo-montpellier-34/bien-maison/), or the energy of one of the most dynamic student city of the south of France (http://www.seloger.com/immobilier/locations/immo-montpellier-34/quartier-centre-historique/bien-appartement/).

Contact
Candidacy or further inquiries can be directly submitted to frederic.bienvenu@igf.cnrs.fr, along with three recommendation letters to be sent separately.

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