

# **Profile for a team leader of psychopharmacology to be recruited in the “Sleep, attention and neuropsychiatry “SANPSY CNRS UNIT (University Bordeaux Segalen, France) :**

The cluster of excellence in Neuroscience BRAIN at Bordeaux University is advertising an open position for a Professorship, senior researcher, team leader in Basic and Clinical Research, the field of Sleep, pharmacology, cognition, EEG and/or in vivo brain imaging. The team will be located within the SANPSY unit.

**The applicants expertise and Professional back ground should include a** Post Doc experience, PhD or MD-PhD, experience as principal Investigator in National and/or international Grants teaching expertise in neuroscience and pharmacology. Chairs of excellence from the French Research Agency will also be considered as strong selecting criteria by the committee.

## **The research Objective should lie within:**

- identification of new pharmacological targets to improve sleep and wakefulness;
- basic understanding of functional relationships between sleep and neuronal plasticity in healthy subjects and patients
- understanding of the neuronal substrate explaining inter individual vulnerability to sleep loss

## **Integration in the SANPSY Unit =**

The psychopharmacology team will benefit from the existing facilities and research equipment of the SANPSY unit (i.e. sleep lab, EEG, cognition tasks, and pharmacological facilities). Current researchers of the SANPSY unit will share approaches on sleep physiology and inter individual vulnerabilities to sleep loss. The genetic and psychopharmacological approach will complement the homeostatic and chronobiological research lines currently used in the Unit.

Expertise in Imaging could extend the existing technological resources in a very promising field for human clinical research.

## **Integration in the BRAIN cluster of excellence=**

Psychopharmacology is a key research element in the development of new therapeutics for neuropsychiatric disorders.

Many competences are available in the Labex BRAIN but clinical research lack expertise in genetics, psychopharmacology and human imaging. Recruiting a team with an international recognition in that field should open serious opportunities to optimize translational research for all teams of the Labex BRAIN.

Integrating researchers understanding the Brain Imaging techniques is also a positive point to interact with the Labex TRAIL.

#### **Integration in the Bordeaux Excellence Initiative =**

The SANPSY unit operates a research platform dedicated to human phenotyping available to the Bordeaux university community. The expertise of the psychopharmacology team should open new partnership with teams from the public health community and The I-Share cohort which relies largely on cognition and Imaging phenotyping. Sharing scientific expertise in the evaluation of individual vulnerabilities to risk taking, addiction and accidental risks is also a major objective of both public health and neuroscience communities.

#### **Support for Integration in The Bordeaux University =**

The team leader will receive support to setup his research grant in the form of an advantageous start-up package including post-doc and technician salaries as well as equipment funding and running costs.

Candidates should send full CVs and name of 5 references to Pr PHILIP before end of April 2012 ([pr.philip@free.fr](mailto:pr.philip@free.fr) and [karen.bert-latrille@chu-bordeaux.fr](mailto:karen.bert-latrille@chu-bordeaux.fr) ).

A symposium with short listed candidates will be organized in may 2012.