



# The Neuroscience Letter

## The LARC-Neurosciences network

### 16<sup>th</sup> Annual meeting of the LARC-Neuroscience network



The 16<sup>th</sup> annual meeting of the LARC-Neuroscience Network will be held on Friday November 9, 2012, in Portsmouth. The deadline for registration and submission of abstracts for this meeting was extended to September 15<sup>th</sup>, 2012. To register, visit the LARC-Neuroscience website at: <http://larc-neurosciences.org/registration>.

To submit an abstract, visit the website: <http://larc-neurosciences.univ-rouen.fr/abstract>. The list of participants receiving a travel award will be announced at the end of September. For more information regarding the organization of the meeting, please contact **Darek GORECKI** ([darek.gorecki@port.ac.uk](mailto:darek.gorecki@port.ac.uk)), **Frank SCHUBERT** ([frank.schubert@port.ac.uk](mailto:frank.schubert@port.ac.uk)) or **Andy MEW** ([andy.mew@port.ac.uk](mailto:andy.mew@port.ac.uk)).



The 7<sup>th</sup> annual meeting of the Neuroprotection Club will be held on Friday November 16<sup>th</sup>, 2012, at the *Maison de l'Amérique Latine*, PARIS VII. The topic this year is "*Links between inflammation, angiogenesis, hypoxia and neuroprotection*". Program, registration to the meeting and club membership are available on the website: <http://www.club-neuroprotection.org>



The 5<sup>th</sup> Parental Brain Conference will be held from July 11<sup>th</sup> to 14<sup>th</sup>, 2013, in Regensburg, Germany. The deadline for submission of symposia is September 30<sup>th</sup>, 2012. For more information, visit the website of the meeting: [www.uni-r.de/ParentalBrain2013](http://www.uni-r.de/ParentalBrain2013) or contact Dr **Oliver BOSCH** ([oliver.bosch@ur.de](mailto:oliver.bosch@ur.de)).



The 4<sup>th</sup> UK Purine Club Meeting will be held on Tuesday November 20<sup>th</sup>, 2012 in The Assembly House, Norwich. For details on the abstract submission process and to download the registration form please visit: [http://www.ukpurineclub.org/UKPC\\_meetings.htm](http://www.ukpurineclub.org/UKPC_meetings.htm). For any queries, please contact the local organizer, Dr **Sam FOUNTAIN** ([s.j.fountain@uea.ac.uk](mailto:s.j.fountain@uea.ac.uk)) or the UK Purine Club Secretary, Dr **Allie GARTLAND** ([a.gartland@sheffield.ac.uk](mailto:a.gartland@sheffield.ac.uk)).



### New equipments

On July 2<sup>nd</sup>, 2012, ADDENFI (France) has installed at INSERM Unit 1073 two IFAD cages for automatic measurements of feeding behavior (solids and liquids) of rats. These cages will be coupled with a device allowing researchers to conduct intracerebral microdialysis to study the neurochemistry of feeding behavior. For more information regarding this new device, contact Pr **Sergei FETISSOV** ([serguei.fetissof@univ-rouen.fr](mailto:serguei.fetissof@univ-rouen.fr)).

### Job offers

A post-doctoral position is open to join the CERVOxy team of UMR 6301 ISTCT in Caen (France). The candidate will participate to a research project funded by INCa to identify the pre-clinical biological biomarkers predictive of efficacy of anti-angiogenic treatments coupled to chemotherapeutic treatment applied to models of glioblastomas in rats. These biological biomarkers will be compared to imaging data obtained from MRI and PET. The candidate must have a strong knowledge in the field of brain tumors. Training in preclinical models of glioblastomas is desirable, combined with solid expertise in molecular and cellular biology. If you are interested in the position, please send resume, cover letter and letters of recommendation by October 31, 2012, to Dr **Samuel VALABLE** ([valable@cycceron.fr](mailto:valable@cycceron.fr)) and/or Pr **Edwige PETIT** ([epetit@cycceron.fr](mailto:epetit@cycceron.fr)).



A 2-year position for an Engineer in animal experimentation is open in the behavioral analysis core facility in Rouen (France). The candidate will implement and develop techniques in animal behavior to study rodent mood and motor pathologies affecting humans. The candidate must have solid expertise in animal experimentation and microsurgery. Strong skills in behavioral tests such as operant conditioning, fear conditioning, memory assessment, motor coordination and metabolism studies are desirable, combined with knowledge of the principles of animal breeding. The position is supported by the European Regional Development Fund (ERDF). If you are interested, please send CV and cover letter before September 23<sup>rd</sup>, 2012, to **Jean-Claude DO REGO** ([jean-claude.dorego@univ-rouen.fr](mailto:jean-claude.dorego@univ-rouen.fr)).



A 2-year position for a technician in animal experimentation is open in the behavioral analysis core facility in Rouen (France). The candidate will conduct behavioral experiments in the study of depression, anxiety, eating or developmental disorders, learning, memory, pain, motor coordination, drug addiction, neurodegeneration and neurotoxicity. The candidate must have expertise in laboratory animals and biological sciences. Knowledge of breeding techniques (genetic lines, reproduction) are desirable, combined with a mastery of the different routes of administration of substances (ip, sc, iv, icv, it). The position is supported by the ERDF. If you are interested, please send CV and cover letter before September 23<sup>rd</sup>, 2012, to Dr **Jean-Claude DO REGO** ([jean-claude.dorego@univ-rouen.fr](mailto:jean-claude.dorego@univ-rouen.fr)).





### Recruitment

Dr **Maria Isabel ROTH** started a post-doctoral position at the INSERM Unit 982 with funding of the TC2N project. Dr **ROTH** will study the protective effects of neuropeptides in stroke models under the supervision of Dr **Olivier WURTZ**.



Miss **Helen BLANCHON** has been appointed as a research assistant at the INSERM Unit 982 with funding of the TC2N project. Miss **BLANCHON** will study the mechanisms of chemoattraction of granule neurons during development of the cerebellum under the supervision of Drs **Magali BASILLE-DUGAY** and **Delphine BUREL**.

Miss **Rhita LAMTAHRI** has been appointed as a research assistant at the INSERM Unit 982 with funding of the TC2N project. Miss **LAMTAHRI** will study the protective effects of neuropeptides in stroke models under the supervision of Drs **Jerome LEPRINCE** and **Julien CHUQUET**.

Mr **Fabien COUNE** has been recruited on a fellowship of the Regional Council of Picardy allocated to the ANR SENSIBALCO project, which includes 3 INSERM teams from Units ERI 24, U952 and U982. Mr **COUNE** will study the role of behavioral sensitization in alcohol addiction and the neurobiological mechanisms involved.



### Position for mobility

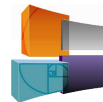
The team "Integration of Central Pain - NeuroPain" from the Neuroscience Center of Lyon (France; UMR INSERM Unit 1028 / CNRS 5292) wishes to host a permanent researcher (CR1, DR2, MCU or PU) to work on "Brain markers of painful experience; its modulation and control". The project should enable the identification of markers of brain activity (EEG, MEG, fMRI) specifically correlated with the subjective feeling of pain or its imminence. The work could lead to the development of automated administration of analgesics and/or the objective assessment of the analgesic effect of new therapies. The candidate should have expertise in high-density EEG, modeling sources, cortical stimulation (TMS, tDCS), functional imaging and/or behavioral analysis. For more information, please contact Dr. **Luis CARCIA-LARREA** ([larrea@univ-lyon1.fr](mailto:larrea@univ-lyon1.fr)).

### International exchanges

In the context of the ERASMUS program, Miss **Rosemary BRENNAN** from the University of Portsmouth conducted a 4-month internship in the INSERM Unit 982 (Rouen, France) under the supervision of Dr. **Maite COUREL**.

### New grant awarded

The French Society



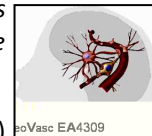
**SFAR**

Société Française d'Anesthésie et de Réanimation

of Anesthesia awarded a research contract to Dr **Fabien TOUREL** to pursue his research project on "Effect of remifentanyl antiapoptotic the immature cortex: mechanisms of action" under the supervision of Dr. **Sylvie JEGOU** within the EA 4309 "Neovasc" (Dr. **Bruno GONZALEZ**) and in collaboration with the Department of Anesthesiology CHU Rouen (Pr **Bertrand DUREUIL**) (Amount awarded: 15,000 euros).

### Thesis

Miss **Pamela KWETIEU OF LENDEU** (EA 4309 "Neovasc") defended on May 30<sup>th</sup>, 2012 a Thesis in Sciences entitled "Effect of anesthetics and alcohol on the brain of immature mouse" (Supervisor: Dr **Sylvie JÉGOU**).



Mr **Marc CHEVRIER** (EA 4309 "Neovasc") defended on June 11<sup>th</sup>, 2012, a Thesis in Science entitled "Altered autophagy in Fabry Disease" (Supervisor: Prof **Soumeya BEKRI**).

### Publication

**F.D. Garcia, Q. Coquerel, J.C. do Rego, A. Cravezic, C. Bole-Feysot, E. Kiive, P. Déchelotte, J. Harro, S.O. Fetisov. Anti-neuropeptide Y plasma immunoglobulins in relation to mood and appetite in depressive disorder.** In this article published in *Psychoneuroendocrinology* (37:1457-1467, 2012), researchers from INSERM Unit 1073 and Behavioral Analysis Core Facility, in collaboration with the University of Tartu in Estonia, demonstrate that autoantibodies against neuropeptide Y are involved in the regulation of appetite and mood in humans.

**E. Caron, P. Ciofi, V. Prevot, S.G. Bouret. Alteration in neonatal nutrition causes perturbations in hypothalamic neural circuits controlling reproductive function.** In this article published in *The Journal of Neuroscience* (32:11486-11494, 2012), and which has been the subject of an editorial comment (32:33i, 2012), researchers from INSERM Unit 837 and International Associate Laboratory NEUROBESE, in collaboration with INSERM Unit 862, show that changes of nutritional perinatal environment, causes long lasting effects on the organization of neuronal circuits involved in the control of reproduction, and that this alteration is associated with functional deficits throughout life.

