

## **Postdoctoral position, Inserm UMR 1064-ITUN, Nantes, France**

We are seeking a talented, highly motivated, committed young scientist to join a dynamic team focused on pluripotent stem cell biology, tissue engineering and hepatic regenerative medicine. We are specifically recruiting a scientist to study transplantation aspects of hepatocytes derived from human pluripotent stem cells. The postdoctoral fellow will conduct original scientific research related to cell bioengineering, humanization of livers in rodents, as well as conduct cellular and molecular studies in the xenotransplantation immunobiology of transplanted cells.

**Qualifications:** Applicants should have a Ph.D. Cell culture experience and animal experiments skills are required. Preference will be given to those individuals who have demonstrated expertise in stem cell biology, biomaterials and liver cell therapy. Specific skills that would enhance a candidate's application for the position include some of the following techniques: advanced microscopy, immunomonitoring, histological techniques including immunohistochemistry, and qPCR.

Candidates must be able to work independently, be willing to take on intellectual, scientific, technical and competitive challenges, as well as to prepare publications and participate effectively in team efforts.

**Contract:** two-year, Salary based on experience.

**Application:** Interested candidates should email a cover letter, a concise summary of previous research activities, a curriculum vitae including publication list and two letters of recommendation to Dr. Tuan Huy Nguyen ([tuan.nguyen@univ-nantes.fr](mailto:tuan.nguyen@univ-nantes.fr), Team 2) by November 3, 2014

**Place of work:** This project will be carried out at the INSERM UMR 1064-ITUN (CHU Hotel Dieu, Nantes, France), which area of research covers transplantation science and immunosuppression/tolerance. Our aim is to analyze and inhibit immune responses mainly in organ and cellular transplantation. However, we equally investigate immune-mediated kidney diseases, autoimmune diseases and cell and gene therapy in which immune responses are also of prime importance and need to be understood and suppressed and/or tolerized.

INSERM UMR 1064 (3,000 m<sup>2</sup> of laboratory surface area and two animal facilities) comprises 160 people (25 permanent researchers and 15 permanent clinicians) organized into 6 teams and several common facilities. It is headed by Dr. Ignacio Anegón, MD DR1 INSERM. INSERM UMR 1064 and the clinical departments of Clinical Immunology, Nephrology and Urology together form the "Institut de Transplantation-Urologie-Néphrologie (ITUN)". The kidney and pancreas transplantation program of the ITUN ranks among the best of the European centers and features among those centers that perform the highest number of kidney and pancreas transplantations. The clinical activity is not only intense but also innovative and structured with a validated clinical data registry, a large biobank and is part of a local INSERM Center CIC (Centre d'Investigation Clinique).

Thus our center benefits from long-term experience in research, patient care, teaching, valorization and community outreach.

For more information about the team, UMR 1064-ITUN, please visit <http://www.itun.nantes.inserm.fr/index.php/en/>