

## UPMC Italy

Call for applications for the following fixed-term position:

### **1 Regenerative Medicine / Tissue Engineering Fellow (Ref. FellowTE/09)**

UPMC Italy is seeking an outstanding candidate for its Fellowship in Tissue Engineering, funded within a collaborative research program directed by Professor Ranieri Cancedda and recently established at ISMETT, in collaboration with the McGowan Institute for Regenerative Medicine of the University of Pittsburgh and the Regenerative Medicine Laboratory of the University of Genoa and of the National Institute for Cancer Research of Genoa. The selected candidate will contribute to the development of innovative cell therapy and tissue engineering products for the repair/regeneration of skeletal tissues (cartilage and bone), see to the implementation of suitable biomaterials to be adopted as scaffold and cell carriers and, in the case of bone, to the use of growth factors and bioactive molecules to support angiogenesis and vascularization of the newly formed tissue. The developed products will eventually be tested and validated in experimental pre-clinical models. The fellowship consists in a two-year full time employment agreement and entails an initial evaluation prior to admission, as well as periodic evaluations. The selected candidate is expected to work well in a highly interdisciplinary and collaborative environment, and will work closely with physicians, scientists, and/or technicians and postdoctoral fellows involved in the Tissue Engineering program.

#### **Requirements:**

- Italian “Laurea Specialistica/Magistrale” or equivalent foreign degree in scientific disciplines related to the research activity to be carried out within this fellowship.
- Italian doctoral degree or equivalent foreign degree in disciplines related to the research activity to be carried out within this fellowship.

Excellent English proficiency and knowledge of main software applications complete the profile.

#### **Preferred Titles:**

- Previous experience in molecular and cell biology techniques and/or bioengineering and materials sciences.
- Previous experience in stem cell and/or tissue engineering research.
- Previous training/professional experience in other laboratories/ research centers in Europe or the US.
- At least two years of post-doctoral experience.
- Publications in international peer-reviewed journals.

In addition to possessing complex and technically demanding skills, the ideal candidate is strongly motivated, flexible, has excellent stress management, problem solving, interpersonal and teamwork skills and is able to identify priorities and objectives, exercise independent judgment, plan and carry out research in an independent manner and in consultation with the project leaders.

UPMC Italy offers the possibility to work in an international and multicultural context at ISMETT, Istituto Mediterraneo per i Trapianti e Terapie ad Alta Specializzazione, one the most innovative and technologically advanced clinical institutions in Italy, managed and operated by the University of Pittsburgh Medical Center (UPMC), and established on the basis of a partnership between the Region of Sicily, through the Civico and Cervello hospitals of Palermo, and the UPMC Health System. It is expected that the selected candidate will also spend time in other laboratories in Italy and abroad, involved in the Tissue Engineering research program.

Candidates of both sexes (Law no. 903/77) are requested to send **in English**: the online CV at <http://selezioni.ismett.edu> indicating **Ref. FellowTE/09**, enclosing the authorization to process personal data (Legislative Decree no. 196/2003), a cover letter, a list of scientific publications, and indicating at least two referees, no later than **September 20, 2009**. The selected candidate is expected to begin activities as soon as possible and, in any case, no later than March 1, 2010.

Please note: only **on-line applications** will be accepted (<http://selezioni.ismett.edu> )