



## **Post-doc position available**

### **PIXE measurement of nanoparticle biodistribution in animal organs.**

The University of Namur (FUNDP), Nanotoxicology platform, Belgium is seeking a POSTDOCTORAL RESEARCHER (Chemist or Physicist) specialised in Proton Induced X-Ray Emission.

The incumbent will take part on the ongoing research dedicated to the evaluation of the potential toxicity of nanoparticules in animals.

He will join the characterization team of the Nanotoxico project consisting in the in-vivo and in-vitro toxicological study of nanoparticles. This project involves about thirty researchers from 4 high level laboratories. More information can be found at <http://www.nanotoxico.eu/>

The successful candidate will work in state-of-the-art accelerator based facility (LARN Laboratory) of the Research Center in Physics of Matter and Radiation (PMR) of the University of Namur and is will strongly interact with laboratory of Biochemistry and cellular Biology (URBC), and Pharmacy/health pole (Drug Design and Discovery Center).

Candidates must presently have a Ph.D. He/she will have a background in material science with very good knowledge in Proton Induced X-Ray Emission (PIXE) analysis method and GUPIX software. He has demonstrated experience in developing and conducting scientific experiments, use of major pieces of nuclear laboratory equipment.

Contact: Professor Stéphane Lucas, [stephane.lucas@fundp.ac.be](mailto:stephane.lucas@fundp.ac.be)

Applications must include a CV and a motivation letter.

The position is available for one year starting from January 2010.