



## **Post-doc position available (11 months, starts immediately)**

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

The University of Namur (FUNDP), Nanotoxicology platform, Belgium is seeking a POSTDOCTORAL RESEARCHER (Chemist or Physicist) specialised in accelerator based analytical techniques (PIXE, RBS, ...).

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 related to 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 (Belgium) and will strongly interact with laboratory of Biochemistry and cellular Biology (URBC), and Pharmacy/health pole (Drug Design and Discovery Centre) of the same university.

Candidates must presently have a Ph.D. He/she will have a background in material science with very good knowledge in Particle based analytical techniques. Knowledge of Proton Induced X-Ray Emission (PIXE) and GUPIX software is a plus. 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.