

JOB VACANCY: Risk assessment

ECSIN (European Center for the Sustainable Impact of Nanotechnology), within Veneto Nanotech Cluster, aims at evaluating the nanotechnologies' impact on the environment and human health, as well as studying the ethical, legal and social implications of nanotechnologies.

The ECSIN Laboratory has already started some research activities, carried out within the following technology platforms:

- ***In vitro* analysis of the effect of nanoparticles and nanostructured materials on biological systems (nanotoxicology)**
- **Monitoring of nanoparticles in environmental matrices, as well as work exposure scenarios.**

and its researchers' team is currently involved in both European and national collaborative projects. Furthermore, several collaborations with Italian and Venetian universities have been set up.

Within the different research activities, ECSIN is seeking:

1 SENIOR RESEARCHER

to join the Risk Assessment Technology Unit. The Risk Assessment TU carries out research activities on the risk associated to engineered nanoparticles and nanomaterials (ENP&Ms) applying both qualitative, quantitative and modeling approaches, in the framework of international research projects.

The Researcher will contribute to the activities of these projects in non-laboratory researches, with a particular attention to the quality of results, often working on multiple projects simultaneously and with tight deadlines. Activities to be performed are the quantitative and qualitative risk analysis for ENP&Ms, literature analysis and review, collaboration in drafting research projects. The Researcher will have the opportunity to apply previous knowledge, to gain new expertise, to participate in high caliber international projects, and to interact with international partners and experts.

Key responsibilities:

- qualitative and quantitative risk analysis for ENP&Ms;
- literature analysis and review;
- drafting of reports and recommendations;
- collaboration in the activities of international projects.

The successful candidate must have:

- **Master Level Degree in scientific disciplines within the environmental and chemical area or similar fields;**
- **Ph.D. in relevant discipline or 3 years experience;**
- **proven track record in qualitative and quantitative analysis of risk profiles, and modeling techniques;**
- **ability to work under pressure and independently.**

The successful candidate will be offered:

- research contract up to 3 years;
- salary according to the candidate's education and previous experience;
- the opportunity to gain new knowledge in the sector of nanotoxicology, and to work in a multidisciplinary, fast paced environment.

Male and female candidates are invited to send their CV along with a cover letter to ecsinn@venetonanotech.it by 28th February 2011.

After the CVs evaluation, the most suitable candidates will be contacted for an interview.