

Looking for a PhD and a Postdoc to work on Open Science Nanosafety



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Keywords

Nanosafety, Enanomapper, Opentox, Ontology

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chem-bla-ics

I am happy that I got my first research grant awarded (EU FP7), which should start after all the contracts are signed, etc, somewhere early 2014. The project is about setting up data needs for the analysis of nanosafety studies. And for this, I have the below two position vacancies available now. If you are keen on doing Open Science (CDK, Bioclipse, OpenTox, WikiPathways, ..., ...), working within the European [NanoSafety Cluster](#), and have an affinity with understanding the systems biology of nanomaterials, then you may be interested in applying.

PhD position

Job - PhD Student NUTRIM / Bioinformatics

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Specifications - (explanation)

Location	Maastricht, Universiteitsingel 50
Function types	PhD positions
Scientific fields	Health
Hours	38.0 hours per week
Salary	€ 2080 - € 2664
Education	University Graduate
Job number	AT2012.150
Translations	on
About employer	Maastricht University (JM)
Short link	www.academicttransfer.com/20444


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Job description

New engineered nanomaterials increasingly find their way to the European market, because of their unique applications. Understanding the (lack of) safety of nanomaterials is therefore of utmost importance. This project is in the context of a EU FP7 project within the NanoSafety Cluster (NSC, www.nanosafetycluster.eu), and will explore and contribute to the required knowledge and methods of solutions to enable the development of safe and effective products.

Postdoc position

Job - Postdoc NUTRIM / Bioinformatics

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Job description

New nanomaterials increasingly find their way to the European market, because of their unique applications. Understanding the (lack of) safety of nanomaterials is therefore of utmost importance. This postdoc position takes responsibility for the development of new intelligent methods that strengthen our understanding of the safety issues of nanomaterials. The project will explore and contribute to the required bioinformatics and statistical solutions in order to develop predictive models of safety-related properties, where main focusses will be the development of ontologies, Linked Data approaches, and cheminformatics and chemometrics methods. This work is conducted as part of an EU FP7 project serving the European NanoSafety Cluster (NSC, www.nanosafetycluster.eu) community. You will be primarily responsible to meet our group's deliverables and to actively contribute to the FP7 project and the NSC community. However, the project also provides the opportunity to continue promising research in development and use these state-of-the-art technologies to explain the biological and chemical mechanisms and pathways involved in the safety of the various types of nanomaterials.

Requirements

We seek an all-round, experienced post-doc with excellent academic abilities and a proven track record in participating in international projects. You have completed a PhD in the natural sciences, such as biology, chemistry, chemical engineering, or equivalent, and preferably one or more years of post-doc experience. A strong track record in research and publications is preferred.