

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

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Published November 8, 2013

## Citation

Willighagen, E. (2013, November 8). Looking for a PhD and a Postdoc to work on Open Science Nanosafety. *Chem-bla-ics*. <https://doi.org/10.59350/s6am1-1sa79>

## Keywords

Nanosafety, Enanomapper, Opentox, Ontology

## Abstract

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.

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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**

Location: Maastricht, Universiteitssingel 50  
Function type: PhD position  
Scientific fields: Health  
Hours: 38.0 hours per week  
Salary: € 2081 - € 2664  
Education: University Graduate  
Job number: AT2013.150  
Translations: en  
About employer: Maastricht University (J.M.)  
Short link: [www.academytransfer.com/20444](http://www.academytransfer.com/20444)

**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](http://www.nanosafetycluster.eu)), and will explore and contribute to the required development of intelligent methods that strengthen the 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 chemostatistics methods. The work is conducted as part of an EU FP7 project serving the European NanoSafety Cluster (NSC, [www.nanosafetycluster.eu](http://www.nanosafetycluster.eu)). Finally, 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.

## Postdoc position

Job - Postdoc NUTRIM / Bioinformatics

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**Specifications**

Job description

Requirements

Conditions of employment

Organisation

**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 postdoctoral position takes responsibility for the development of new intelligent methods that strengthen the 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 chemostatistics methods. The work is conducted as part of an EU FP7 project serving the European NanoSafety Cluster (NSC, [www.nanosafetycluster.eu](http://www.nanosafetycluster.eu)). Finally, 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