



2018-IPR-F-000-010306

**Micronucleus test for genotoxicity testing
of manufactured nanomaterials**

Position for:

Trainee

As the science and knowledge service of the Commission, the mission of Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <http://www.jrc.ec.europa.eu>

Short description of activity:

The Consumer Products Safety Unit (F.2), part of Health, Consumers and Reference Materials Directorate-F at the JRC in Ispra (Italy), is offering a position for a trainee at the Nanobiotechnology laboratory.

The JRC is leading an Inter-laboratory Comparison project to adapt the in vitro mammalian cell micronucleus assay test-guideline (Test Guideline 487) to nanomaterials. This work implements a Recommendation of the OECD Council on the safety testing and assessment of manufactured nanomaterials, and is carried out in the context of the OECD Working Party on Manufactured Nanomaterials.

The trainee will assist the project team in the execution of laboratory work for the micronucleus test, nanomaterials physical-chemical characterisation and cellular uptake.

Qualifications:

Essential:

- University degree in cell biology, biotechnology, biochemistry or related discipline,
- Basic laboratory experience
- Good Knowledge of spoken and written

	<p>English (B2 level)</p> <p><u>Advantage</u></p> <ul style="list-style-type: none"> • Knowledge of statistical data interpretation • Experience on in vitro chemicals toxicity testing (particularly on genotoxicity) and nanomaterials <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p>
Unit /Directorate	<p>F- Health, Consumers and Reference Materials F2 – Consumer Products and Safety METHODS-NANO nr. 6260</p> <p>Further information: https://ec.europa.eu/jrc/en https://ec.europa.eu/jrc/en/research-topic/nanotechnology</p>
Indicative duration	5 months
Preferred starting date	As soon as possible
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>