



**2018-IPR-F-000-010306**

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

<p><b>Position for:</b></p> <p>Trainee</p>	<p>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.</p> <p>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <a href="http://www.jrc.ec.europa.eu">http://www.jrc.ec.europa.eu</a></p> <p><b><u>Short description of activity:</u></b></p> <p>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.</p> <p>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.</p> <p>The trainee will assist the project team in the execution of laboratory work for the micronucleus test, nanomaterials physical-chemical characterisation and cellular uptake.</p> <p><b><u>Qualifications:</u></b></p> <p><b><u>Essential:</u></b></p> <ul style="list-style-type: none"><li>• University degree in cell biology, biotechnology, biochemistry or related discipline,</li><li>• Basic laboratory experience</li><li>• Good Knowledge of spoken and written</li></ul>
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	<p>English (B2 level)</p> <p><b><u>Advantage</u></b></p> <ul style="list-style-type: none"> <li>• Knowledge of statistical data interpretation</li> <li>• Experience on in vitro chemicals toxicity testing (particularly on genotoxicity) and nanomaterials</li> </ul> <p><b><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></b></p> <p><a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</a></p>
<b>Unit /Directorate</b>	<p>F- Health, Consumers and Reference Materials F2 – Consumer Products and Safety METHODS-NANO nr. 6260</p> <p>Further information: <a href="https://ec.europa.eu/jrc/en">https://ec.europa.eu/jrc/en</a> <a href="https://ec.europa.eu/jrc/en/research-topic/nanotechnology">https://ec.europa.eu/jrc/en/research-topic/nanotechnology</a></p>
<b>Indicative duration</b>	5 months
<b>Preferred starting date</b>	As soon as possible
<b>JRC Site</b>	Ispra
<b>Country</b>	Italy
<b><u>JRC contact details</u></b>	<p><b>For any technical problems with your application, please contact:</b> <a href="mailto:HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu">HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</a></p>