



2018-IPR-F-000-010012

**Immunogenicity assessments of
nanomaterial and microplastics**

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:

Immunotoxicity is of increasing concern for regulatory bodies in particular if it comes to safety assessments of nanomaterials or microplastics.

Under the supervision of the advisor, the trainee will undertake experimental studies specifically addressing the variation of immune responses triggered by nanomaterials and/or microplastics.

The goal is to identify the relevance of human immune system variations for the development of standardised test methods which are in particular needed for regulatory decision making in selected areas related to consumer and/or health products.

The trainee will have the opportunity to use a wide range of nanoparticle characterisation methods as well as to gain insights in standardisation requirements of test methods relevant for the regulation of nano (micro) material.

Qualifications:

Essential:

- University degree in cell biology, biotechnology, biochemistry or related discipline.
- Basic laboratory experience is required.

	<ul style="list-style-type: none"> • Good Knowledge of spoken and written English (B2 level). <p><u>Advantage:</u></p> <ul style="list-style-type: none"> • Practical experience in immunological test methods. • Publications in this field in English. <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	F- Health, Consumers and Reference Materials F2 – Consumer Products and Safety HOT-NANO- Deliverable 22 Further information: https://ec.europa.eu/jrc/en https://ec.europa.eu/jrc/en/research-topic/nanotechnology
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:</p> <p>HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>