



2018-IPR-F2-FGIV-010764

**FG IV –Project Officer – Scientific - Specialist
in analysis of micro and nano particulate
materials**

Position for:

**FG IV –
Project Officer - Scientific**

As the science and knowledge service of the Commission, the mission of DG 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: <https://ec.europa.eu/jrc/>

The vacancy is within the Consumers Products Safety Unit (located in Ispira, Italy) working in the area of microplastics and nanomaterials.

The contract agent will contribute to the development and harmonization of analytical methods to detect and characterise micro and nano particulate materials with special emphasis on micro(nano)plastics.

The successful candidate will:

- Contribute to development and harmonization of methods for the detection and quantification of micro(nano) plastics as contaminants in consumer products and environmental samples.
- Contribute to studies of the interactions of micro(nano)plastics with biological systems in relation to their possible effects on human health and the environment.
- Contribute to the development of methods for the physico-chemical characterisation of engineered nanomaterials in support of legislation for chemical safety and consumer information.
- Provide support in the activities of the open-laboratory initiative of the NanoBioSciences Laboratory
- Provide support to the management of institutional tasks and projects including accurate and timely reporting.

Qualifications:

Essential:

Qualifications: Post-graduate title (Specialisation and/ or Master or PhD) in one of the following: Chemistry, Materials Science, Biochemistry or related fields. An equivalent qualification would be a University degree giving access to doctoral studies and 5 years of experience in a field relevant to the position.

Experience (at least 3 years) in the synthesis, detection and/or characterisation of one or more of the following:

- micro(nano) particulate polymers
- soft nanomaterials (miscelles/liposomes)
- inorganic engineered nanomaterials

The working language will be English and a good knowledge of oral and written English (B2 level), communication and presentation skills are necessary.

	<p><u>Advantage</u></p> <p>Familiarity with molecular spectroscopy characterisation methods such as FTIR, micro-FTIR, Imaging Raman spectroscopy. Experience in analysing micro(nano) particles in complex matrices such as food and environmental samples would be highly beneficial. Experience with SEM and/or TEM, HPLC and GC-MS would also be desirable.</p> <p>In addition, the following elements will be considered as an advantage:</p> <ul style="list-style-type: none"> • Ability to work in a multi-national team, consensus-building skills, results-oriented attitude and enthusiasm. • In-depth sense of commitment, good analytical skills, preferably with a good level of scientific knowledge in general and more specifically in relation to physical, chemical and biological characterisation of micro and nano particulate systems
Directorate Unit	<p>Health, Consumers and Reference Materials Consumer Products and Safety PLASTICS and SciNano</p> <p>Further information: https://ec.europa.eu/jrc/en https://ec.europa.eu/jrc/en/research-topic/nanotechnology</p>
Indicative duration	36 months initial contract with possible renewals up to maximum 6 years
JRC Site Country	<p>Ispra</p> <p>Italy</p>
Rules and eligibility	<p>The candidate must be on any valid EPSO reserve list for Function Group IV contract staff.</p> <p>Applicants to the following Calls for expression of interest can also be considered:</p> <ol style="list-style-type: none"> 1. CAST Permanent - EPSO has launched in January 2017 an open-ended selection procedure to create a pool of candidates from which the institutions, bodies, offices and agencies of the European Union (EU) can recruit contract agents. Details available at the link below: https://epso.europa.eu/documents/2240_en 2. Call COM/1/2015/GFIV – Research - The JRC has launched in January 2015 a permanent call for researchers FG IV. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</p> <p>Article 3b of the Conditions of Employment of Other Servants of the European Union applies: the actual period of employment within the Commission under this type of contract, including any period under renewal, shall not</p>

	<p>exceed 6 years.</p> <p><i>Please note that due to the high number of applications received only shortlisted candidates will be contacted.</i></p>
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