



2019-IPR-F3-FGIV-011911

FG IV - Scientific officer - Organ-on-Chip technologies and systems

Position for:

FG IV – Scientific Officer

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 Chemicals Safety and Alternative Methods Unit, which incorporates The European Union Reference Laboratory for Alternatives to Animal Testing (EURL ECVAM), is part of the JRC's Directorate for Health, Consumers and Reference Materials.

We develop, evaluate, harmonise and promote innovative methods for the regulatory safety assessment of chemicals used in a variety of sectors, with the additional aim of protecting animals used for scientific purposes. We provide support to a broad range of policy areas including industrial and household chemicals, cosmetics, food, plant protection products, endocrine disruptors and chemical mixtures. We also promote the use of alternative methods in basic and applied biomedical research.

We are looking for a dynamic and highly motivated colleague with an appropriate background to support unit activities to devise approaches and develop resources for the characterisation, qualification and validation of Organ-on-Chip (OoC) technologies and systems taking into consideration different applications and contexts of use. This should include exploration of the possible role of standards in supporting and expediting various aspects of advancing OoC including development, production, characterisation, qualification, validation or demonstration.

The colleague should also contribute to the identification and analysis of promising applications of OoC technologies and systems in life science sectors (e.g. safety and efficacy testing of drugs, ingredients used in cosmetics and food, industrial chemicals; basic disease research; personalised medicine) with a view to understanding and addressing issues that influence exploitation and uptake. Significant engagement and collaboration with relevant OoC communities within the EU and beyond is expected.

The successful candidate should be able to communicate results to a variety of scientific and stakeholder communities via oral presentations, scientific reports/papers, and promotion activities.

Qualifications:

Essential:

- Degree in (bio)(medical)engineering, (bio)physics or other relevant fields.
- Practical expertise in developing or applying

	<p>OoC technologies and systems.</p> <ul style="list-style-type: none"> • At least 3 years of relevant experience. • Good command of English (B2 written and spoken). <p><u>Desirable:</u></p> <ul style="list-style-type: none"> • Good understanding of OoC applications in life science sectors. • Knowledge or experience in the field of alternative approaches to animal testing.
Directorate Unit	<p>Health, Consumers and Reference Materials Chemicals Safety and Alternative Methods</p> <p>Further information: https://ec.europa.eu/jrc/en/research-topic/alternatives-animal-testing-and-safety-assessment-chemicals and https://ec.europa.eu/jrc/en/eurl/ecvam</p>
Indicative duration	<p>36 months initial contract with possible renewals up to maximum 6 years</p>
JRC Site Country	<p>Ispra Italy</p>
Rules and eligibility	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.</p> <p>If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.</p> <p>You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.</p> <p>1. CAST Permanent: 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. https://epso.europa.eu/documents/2240_en</p> <p>2. JRC Call COM/1/2015/GFIV – Research: open-ended selection procedure to create a pool of candidates from which mainly the JRC can recruit contract agents FGIV as researchers. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</p> <p>Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX</p> <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 exceed 6 years.</p> <p><i>Please note that in case a high number of applications is received only shortlisted candidates will be contacted.</i></p>