



2022-IPR-F3-FGIV-020872

**FG IV - Project officer: Advanced in vitro models for integrated approaches**

**POSITION FOR:**

Member of the contract staff FG IV – art. 3b of the Conditions of Employment of Other Servants

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1962R0031:20110101:EN:PDF>

**WE ARE:**

As the science and knowledge service of the Commission, the mission of DG Joint Research Centre (JRC) 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 current vacancy is in the Chemical Safety and Alternative Methods Unit which incorporates the European Union Reference Laboratory for alternatives to animal testing (EURL ECVAM) and is part of the JRC's Directorate F for Health, Consumers and Reference Materials.

We develop, evaluate, standardise and promote innovative methods for the regulatory safety assessment of chemicals used in a variety of sectors, with the important 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 and feed, plant protection products, endocrine disrupters and chemical mixtures.

Our work also facilitates and promotes the use of alternative methods in biomedical research through various means, including identifying promising in vitro models for understanding mechanisms of disease and for development of novel therapies.

**WE PROPOSE:**

A position as contract agent to broaden our expertise and activities related to advanced in vitro models that will drive innovation in regulatory toxicology and biomedical research.

Main tasks will include:

- Identification, characterization, evaluation and presentation of human relevant in vitro models showing promise for different contexts of use;
- Devising and pursuing various means to increase levels of standardisation, quality and usability of advanced in vitro models;
- Supporting the application and performance assessment of in vitro models on specific platforms including organ-on-chip, high throughput screening, microelectrode arrays (electrophysiology), and high content imaging;
- Liaise with EU and international science consortia to identify and advance promising approaches
- Sharing of knowledge across sectors and between research, regulatory and regulated communities to advance the use of new approaches in chemical safety and sustainability assessment.

**WE LOOK FOR:**

A dynamic and highly motivated colleague with the following essential qualifications:

- Degree in a relevant life science related discipline.
- Education and knowhow related to stem cell biology and the development and application of advanced in vitro models in relevant fields.
- Good command of English (written and spoken; B2 equivalent).

The following will be considered as assetS:

- Experience with the development or use of advanced in vitro models using human-derived induced pluripotent stem cells.
- Experience in advanced techniques used for in vitro model characterisation.
- Familiarity with good cell culture and in vitro method practices.

Candidates will be able to communicate results effectively to a variety of stakeholders including regulatory, policymaking, scientific and civil-society communities via oral presentations, scientific reports/papers, and promotion activities.

**INDICATIVE CONTRACT'S DURATION:**

36 months initial contract with possible renewals up to maximum 6 years.

**PLACE OF WORK:**

Ispra (IT)

**ELIGIBILITY CRITERIA:**

Candidates for this contract agent post shall:

– (i) have passed a valid EPSO CAST selection procedure;

or

– (ii) be registered in the EPSO Permanent CAST [https://epso.europa.eu/documents/2240\\_en](https://epso.europa.eu/documents/2240_en)

or

- (iii) be registered in the specialised call for researchers [https://joint-research-centre.ec.europa.eu/working-us/jobs-jrc/temporary-positions/contract-staff-members/function-group-iv/job-opportunities-research-fellows-european-commission\\_en](https://joint-research-centre.ec.europa.eu/working-us/jobs-jrc/temporary-positions/contract-staff-members/function-group-iv/job-opportunities-research-fellows-european-commission_en) (used mainly by the JRC).

With a valid application number to one of the above, you may then apply for this specific vacancy at JRC through: <http://recruitment.jrc.ec.europa.eu/?type=AX>.

**RECRUITMENT POLICY:**

The Joint Research Centre

- Cultivates a workplace based on respect for other people and the environment.
- Embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.