

**2021-IPR-F3-FGIV-018330****FG IV - Project officer - Chemoinformatics for chemical safety and sustainability assessment****POSITION FOR:**

Member of the contract staff FGIV – 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 for Health, Consumers and Reference Materials.

We develop, evaluate, harmonise and promote innovative methods for the regulatory safety assessment of chemicals and biologicals 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 PROPOSE:

The selected candidate will contribute to the development of methodologies, tools and guidance supporting the safety and sustainability assessment of chemicals. Main tasks will include to:

- develop and evaluate methodologies for chemical safety and sustainability assessment including information based on chemical structures and properties;
- apply computational chemistry tools to guide the design of experimental (validation) studies carried out in the EURL ECVAM laboratory facility or NETVAL partner laboratories;
- ensure the quality control of chemical structures and properties for chemicals proposed as reference chemicals in toxicological and biomonitoring studies;
- support the implementation of the Chemicals Strategy for Sustainability through the development of methodologies, tools and associated guidance;
- take a pro-active role in knowledge sharing across regulatory sectors (e.g. pharmaceuticals, chemicals, cosmetics) and communities (e.g. regulators, industry) to advance the use of new approaches in chemical safety and sustainability assessment.

For more information visit <https://ec.europa.eu/jrc/en/research-topic/alternatives-animal-testing-and-safety-assessment-chemicals> and <https://ec.europa.eu/jrc/en/eurl/ecvam>

WE LOOK FOR:

We are looking for a dynamic and highly motivated colleague with an appropriate background. The following will be considered as essential requirements:

- Degree in chemistry, biology, pharmacology or related discipline
- Experience in the practical application of chemoinformatic and computational toxicology (e.g. QSAR) tools
- Programming skills (e.g. Python, R)
- Good command (B2) of English (written and spoken)

The following will be considered as assets:

- Knowledge or experience in toxicology or ecotoxicology

- Knowledge or experience in the safe and sustainable design of chemicals and products
- Knowledge or experience of EU policies and (regulatory) frameworks in the chemicals or pharmaceuticals sector.

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.

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

or

- (iii) be registered in the specialised call for researchers <https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers> (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.