EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

2022-IPR-F3-FGIV-020369

FG IV - Project Officer in omics based methods in toxicology and chemical risk 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 it is part of the JRC's Directorate 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. We also promote the use of alternative methods in biomedical research.

WE PROPOSE:
We are looking for a dynamic and highly motivated colleague to broaden our expertise and activities related to omics based methods and their use in regulatory toxicology and chemical risk assessment.

Responsibilities will include:

- Development, evaluation, standardisation and validation of omics based methods for toxicity testing of chemicals,
- Evolving how omics data streams can be used in chemical risk assessment including chemical grouping, mode-of-action analysis and deriving points-of-departure,
- Exploring approaches to use omics based methods to inform the development of Adverse Outcome Pathways,
- Liaising 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.

The successful candidate should 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.

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:
Essential:

- Degree in a life science related discipline,
- Education and experience in omics based methods including modern data generation and analysis techniques,

- Good command of English (written and spoken; B2 equivalent).

Desirable:

- Experience in advanced state-of-the-art bioinformatics approaches,
- Knowledge of how 'omics data streams can be used to support chemical risk assessment,
- Knowledge of EU chemicals policies and regulatory frameworks in different sectors.

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.