



EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

2021-IPR-F3-FGIV-019028

**FG IV - Project Officer - ADME scientist - Biokinetics
for chemical safety and biomedical research**

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 Chemical 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 disrupters and chemical mixtures. We also promote the use of alternative methods in basic and applied biomedical research.

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

WE PROPOSE:

We are looking for a dynamic and highly motivated colleague with a background in biokinetics.

The overall aim is to support the identification, evaluation and application of non-animal methods for Adsorption, Distribution, Metabolism, Elimination (ADME) in the safety and sustainability assessment of chemicals. Such methods include in vitro models and computational ones (e.g. quantitative structure-activity relationships). A secondary aim is to explore the application of ADME models and biokinetic considerations in biomedical research.

The new colleague will play a lead role in identifying promising new ADME methods and evaluating how such methods can be optimally applied within broader strategies for the safety and sustainable assessment of chemicals.

The position will involve participation in collaborative research projects (e.g. H2020, PARC) and support in relevant working groups established by EU agencies, international organisations (e.g. OECD) and partners within the International Cooperation on Alternative Test Methods (ICATM).

Additional activities may include support to the design of experimental (validation) studies carried out in the EURL ECVAM laboratory facility or NETVAL partner laboratories.

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.

WE LOOK FOR:

Essential:

- Degree in chemistry, biology, pharmacology or related discipline
- Knowledge of biokinetics (Adsorption, Distribution, Metabolism, Elimination) and in vitro to in vivo extrapolation

- Knowledge of toxicology or ecotoxicology
- Good command of English (written and spoken)

Desirable:

- Knowledge or experience of in vivo biokinetics (animals or humans)
- Basic understanding of physiologically based kinetic modelling
- Knowledge or experience of EU policies and (regulatory) frameworks in the chemicals or pharmaceuticals sector

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.