EUROPEAN COMMISSION
DIRECTORATE-GENERAL HUMAN RESOURCES AND SECURITY
Directorate HR.AMC –Account management Centre
HR.DDG. AMC 8

2021-IPR-F-000-018328	**Trainee on analysing chemical exposure variations using IPCHEM**

Position for: Trainee	As the science and knowledge service of the Commission, the mission of 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: http://www.jrc.ec.europa.eu **Short description of activity:** The Chemical Safety and Alternative Methods (F.3) including The European Union Reference Laboratory for alternatives to animal testing (EURL ECVAM), is part of the Directorate F for Health, Consumers and Reference Materials. We develop, evaluate, harmonise and promote innovative methods for the regulatory safety assessment of chemicals as well in biomedical research. We provide support to a broad range of policy areas related to chemicals including industrial and household chemicals, cosmetics, food, plant protection products, endocrine disruptors and chemical mixtures. The European Commission's Chemicals Strategy for Sustainability (CSS) aims, among other, to develop a framework of indicators to monitor the drivers and impacts of chemical pollution and to measure the effectiveness of chemicals legislation. The Information Platform for Chemical Monitoring (IPCHEM https://ipchem.jrc.ec.europa.eu/) provides a single access point to chemical (bio)monitoring data in the EU. The selected candidate will investigate the spatial and temporal coverage of monitoring data from IPCHEM at Member State and EU level. The specific aim is to develop indicators that measure the exposure and risk of chemicals and their mixtures. The trainee's main tasks will be to review, extract, visualise and analyse human

	biomonitoring and/or environmental monitoring data, to explore to the benefit of past policy interventions and the possibility to set future policy priorities. The research will be entirely desk-based and requires experience in literature search, data analysis, and ability to logically structure the results. For more information visit: https://ec.europa.eu/jrc/en/research-topic/alternatives-animal-testing-and-safety-assessment-chemicals and/or http://eurl-ecvam.jrc.ec.europa.eu **Qualifications:** **Essential:** • Master's degree in chemistry, toxicology, ecotoxicology, environmental science, statistics, related fields. • Programming skills in data analysis (e.g. R or equivalent) • Good level of English (level B2). **Advantage:** • Knowledge of EU chemical policy • Knowledge of chemical exposure and risk assessment • Modelling experience **For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:** https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees
Unit /Directorate	Directorate F – F.3 – Chemical Safety and Alternative Methods Unit Further information: https://eurl-ecvam.jrc.ec.europa.eu/
Indicative duration **Preferred starting date**	5 months As soon as possible
JRC Site **Country**	Ispra Italy

JRC contact details	**For any technical problems with your application, please contact:** HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu