



2017-IPR-F-000-9244

Trainee on Chemical Mixtures and PBK Modelling

<p>Position for:</p> <p>Trainee</p>	<p>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.</p> <p>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</p> <p>Short description of activity:</p> <p>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.</p> <p>We develop, evaluate, harmonise and promote innovative methods for the regulatory safety assessment of chemicals. 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.</p> <p>The traineeship position will give support to ongoing activities in the unit in relation to methodology for the safety assessment of chemical mixtures, particularly the development of computer-based methods as an alternative to animal testing. The project will focus on applying Physiologically Based Kinetic (PBK) models for the estimation of biomonitoring equivalents.</p> <p>The trainee's main task will be to contribute to the development of a strategy to interpret biomonitoring data by applying PBK models. The initial task will include a literature search to gather information and understand the current state of science of the topic.</p>
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	<p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none"> • Master's degree in computational toxicology / computational chemistry / pharmacology / toxicology / chemistry / biology or related fields. • Programming skills in Berkley Madonna • Good level of English (level B2). <p><u>Advantage:</u></p> <ul style="list-style-type: none"> • Modelling experience • Understanding of biomonitoring data • Knowledge in the area of chemical mixtures <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p>
<p>Institute/Directorate Unit</p>	<p>Directorate F – Health, Consumers and Reference Materials visit</p> <p>Chemical Safety and Alternative Methods Unit</p> <p>Further information: https://ec.europa.eu/jrc/en/research-topic/alternatives-animal-testing-and-safety-assessment-chemicals and/or http://eurl-ecvam.jrc.ec.europa.eu</p>
<p>Indicative duration</p>	<p>5 months</p>
<p>Preferred starting date</p>	<p>As soon as possible</p>
<p>JRC Site</p>	<p>Ispra</p>
<p>Country</p>	<p>Italy</p>
<p><u>JRC contact details</u></p>	<p>For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>