



EUROPEAN COMMISSION
DIRECTORATE-GENERAL
JOINT RESEARCH CENTRE
Directorate B - Resources
Recruitment and Training

2016-IPR-I-000-7202

Research Project Title - Trainee on Predictive Toxicology

Position for:

Trainee

Short description of activity:

As the science and knowledge service of the Commission, the mission of DG Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.

With 7 Scientific Institutes, 3 Corporate Directorates and the DG/DDG Office, 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>.

The Systems Toxicology Unit (ST), including The European Union Reference Laboratory for alternatives to animal testing (EURL ECVAM), is part of the Institute for Health and Consumer Protection (IHCP).

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.

The traineeship position will give support to ongoing EURL ECVAM activities, with focus on developing integrated approaches for the regulatory assessment of chemicals under the umbrella of Directive 2010/63/EU on the protection of animals used for scientific purposes.

This traineeship will focus on analysis of information on the kinetics and dynamics of chemicals and chemical mixtures to better interpret the results of in vitro data in relation to the prediction of acute systemic toxicity in humans. This will be done by means of literature search, as well as mathematical modelling approaches (biokinetics models).

	<p><u>Qualifications:</u></p> <p><u>Essential:</u> Bachelor in Toxicology, Nutrition and Health, Biology, Food Safety. Knowledge of English (level B2).</p> <p><u>Desirable:</u> Knowledge of biokinetic modelling. Knowledge of chemical risk assessment principles. Knowledge of mammalian toxicology.</p> <p><u>Advantage:</u> Studying in a Master program in Food Safety, Nutrition and Health, Toxicology, or Biology.</p> <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>
Institute/Directorate Unit	<p>IHCP – JRC I.5 – Systems Toxicology</p> <p>Further information: https://eurl-ecvam.jrc.ec.europa.eu/</p>
Indicative duration	5 months
Preferred starting date	as soon as possible
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu</p>