



2016-IPR-F-000-7644

Trainee on In Vitro methodology

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.

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>

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 provide support to activities of the EU Reference Laboratory for Alternatives to Animal Testing (EURL ECVAM) related to the development and validation of alternative methods to animal testing, as mandated by Directive 2010/63/EU on the protection of animals used for scientific purposes. The traineeship will have particular focus on implementing high throughput and high content in vitro methods for the toxicological profiling of chemicals. Tasks could be based on one or more of the following aspects;

- Functional microscopy and high content imaging
- (Induced pluripotent stem) cell culturing, differentiation and characterisation
- Automated methods for (robotic) high throughput screening
- Analytical chemistry methods
- Micro-electrode Arrays for electrophysiological measurements.

	<p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <p>University Degree in a life science, (bio)engineering or (bio)physics.</p> <p>Knowledge of English (level B2).</p> <p><u>Desirable:</u></p> <p>Knowledge of in vitro methods Knowledge of microscopy or other life-science analysis methods. Knowledge of cell 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>
<p>Institute/Directorate Unit</p>	<p>DIRECTORATE F – F.3 – Chemical Safety and Alternative Methods</p> <p>Further information: https://eurl-ecvam.jrc.ec.europa.eu/</p>
<p>Indicative duration</p> <p>Preferred starting date</p>	<p>5 months</p> <p>As soon as possible</p>
<p>JRC Site</p> <p>Country</p>	<p>Ispra</p> <p>Italy</p>
<p><u>JRC contact details</u></p>	<p>For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu</p>