EUROPEAN COMMISSION
DIRECTORATE-GENERAL
JOINT RESEARCH CENTRE
Directorate R - Resources
Human Resources

2017-IPR-F-000-8167 **Trainee on *In Vitro methodology***

Position for:	**Short description of activity:**
Trainee	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 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. 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. **Qualifications:** **Essential:** Bachelor/master education in a life science, (bio) engineering or (bio) physics. Knowledge of English (level B2). **Advantage:** Knowledge of in vitro methods Knowledge of microscopy or other life-science analysis methods. Knowledge of cell biology **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
Institute/Directorate Unit	Directorate F 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:** JRC-ESRA@ec.europa.eu