



2018-IPR-F-000-010666

Trainee on in vitro neurotoxicity evaluation induced by mixture of chemicals

Position for:

Trainee

As the science and knowledge service of the European Commission, the mission of Joint Research Centre (JRC) 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 Unit (F.3), which includes The European Union Reference Laboratory for Alternatives to Animal Testing (EURL ECVAM), is part of the JRC's 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 five-month traineeship position will support developmental neurotoxicity testing of the persistent organic pollutants (POP) mixture and single compounds using in vitro approach. The laboratory work will involve:

- Neural precursor cells culturing and differentiation towards neuronal/glial phenotype
- Immunocytochemistry
- Functional microscopy and high content image analysis

For more information visit <https://ec.europa.eu/jrc/en/research-topic/alternatives-animal-testing-and-safety->

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| | <p>assessment-chemicals and/or http://eurl-ecvam.jrc.ec.europa.eu</p> <p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none"> • Master’s degree in biology, pharmacology, or toxicology. • Good level of English (level B2). • Practical experience with <i>in vitro</i> models and analysis methods • Sound knowledge of cellular and molecular biology <p><u>Advantage:</u></p> <ul style="list-style-type: none"> • Experience of culturing neuronal cells • Cellomics technology <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>Directorate F – F.3 – Chemical Safety and Alternative Methods Unit</p> <p>Further information: https://eurl-ecvam.jrc.ec.europa.eu/</p> |
| Indicative duration | 5 months |
| JRC Site | Ispra |
| Country | Italy |
| <u>JRC contact details</u> | <p>For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p> |