



2017-IPR-D-000-8650

**Bioassay for endocrine disruptor  
chemicals' detection in aquatic  
environment**

<p><b>Position for:</b></p> <p>Trainee</p>	<p>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.</p> <p>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <a href="http://www.jrc.ec.europa.eu">http://www.jrc.ec.europa.eu</a></p> <p><b><u>Short description of activity:</u></b></p> <p>Within the Unit Water and Marine Resources, Water4you deals with water related policies and water quality. One of the projects is focused on innovative methods based on biological methods (bioassays) to measure the effects of chemical pollutants in water. The traineeship will be focused on the validation of the molecular based method developed in house for the detection of pollutants e.g. endocrine disruptors by analysing several samples from European countries in collaboration with other research groups.</p> <p><b><u>Qualifications:</u></b></p> <p><b><u>Essential:</u></b></p> <p>University education in Biological Science, Biotechnology, and related fields.</p> <p>Good knowledge of molecular biology e.g. cloning, transformation, mutants' generation in yeast, microorganism cultivation e.g. yeast, cyanobacteria; molecular techniques e.g., acid nucleic extraction.</p> <p>Good knowledge of English language. (B2 level)</p> <p><b><u>Advantage:</u></b></p> <p>Knowledge of PCR and quantitative Real Time PCR.</p>
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	<p><b><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></b></p> <p><a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</a></p>
<b>Institute/Directorate Unit</b>	<p>D - Sustainable Resources D. 2 Water &amp; Marine Resources</p> <p>Further information: <a href="https://ec.europa.eu/jrc/en/research-topic/water">https://ec.europa.eu/jrc/en/research-topic/water</a></p>
<b>Indicative duration</b>	5 months
<b>Preferred starting date</b>	As soon as possible
<b>JRC Site</b>	Ispra
<b>Country</b>	Italy
<b><u>JRC contact details</u></b>	<p><b>For any technical problems with your application, please contact:</b> <a href="mailto:JRC-ESRA@ec.europa.eu">JRC-ESRA@ec.europa.eu</a></p>