



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

2015-IPR-I-000-5353

**Research Project Title - iDRIP Exploratory
Research Project (emerging pollutants,
illicit drugs and other chemicals in
recycled and wastewater)**

Position for:

Trainee

Short description of activity:

The CAT unit provides scientific and technical support to the conception, development, implementation and monitoring of EU consumer and health policies.

We are looking for a trainee to give support on experimental work in the field of new psychoactive substances (NPS), more specifically in the environmental monitoring of these substances and other contaminants in wastewater and other water based matrices using liquid chromatography (LC) and high-resolution mass spectrometry techniques (MS/MS).

The tasks assigned to the successful candidate would include:

- Support the organisation of pan-European monitoring exercises on wastewaters;
- Contribute to the method development, validation and application of analytical methods based on LC-MS/MS for the detection, identification and quantification of NPS and classic drugs;
- Assist the project leader in coordination and liaison duties.

Qualifications:

The ideal candidate should have a degree or studies in chemistry/biochemistry/biology.

The successful candidate will be involved in sample preparation, analytical method development and sample analysis and data interpretation. The techniques used will be LC-MS/MS. Experience in the analysis of emerging contaminants in water matrices, especially in illicit drugs and new psychoactive substances in wastewater will be advantageous.

English language (B2 level).

	<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</p> <p>Unit</p>	<p>Institute of Health and Consumer Protection (IHCP) Chemical Assessment and Testing Unit (I.1)</p> <p>Further information: https://ec.europa.eu/jrc/en/institutes/ihcp</p>
Indicative duration	5 months
Preferred starting date	01/09/2015
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact:</p> <p>JRC-ESRA@ec.europa.eu</p>