



2015-IPR-I-40-000-4314

**Proteomics applied to the assessment of
human health risks of
chemicals/nanomaterials**

<p>Position for:</p> <p>CATEGORY 40</p>	<p>The Joint Research Centre (JRC) is the European Commission's in-house science service which employs scientists to carry out research in order to provide independent scientific advice and support to EU policy.</p> <p>The JRC's Institute for Health and Consumer Protection, in Ispra, Italy, is offering a position for a Grantholder Category 40 in the area of proteomics applied to the assessment of human health risks of chemicals/nanomaterials.</p> <p>Emerging approaches in this area combine the use of <i>in vitro</i> systems and advanced analytical methods to study the perturbation of the genome or proteome.</p> <p>The successful candidate is expected to contribute to scientific projects through the development of proteomics-based methods for the detection, identification and relative quantification of species-specific proteins.</p> <p>Qualifications:</p> <p>The candidate should have a PhD in biology or biochemistry and a minimum of 10 years of research experience at post-doctoral level.</p> <p>Requirements:</p> <p>The candidate shall demonstrate excellent background in protein analysis methods such as protein fractionation/separation techniques, liquid chromatography and/or high-resolution mass spectrometry applied to proteomics.</p> <p>The expertise of the candidates shall be underpinned by a corresponding publication list. The demanding nature of the research topic requires the ability to solve problems and also act effectively as part of a research team.</p> <p>The successful candidate shall be able to work under the umbrella of a quality system. Good command of English is a prerequisite.</p> <p>Assets/Advantages:</p> <p>Knowledge of bioinformatics tools (protein databanks, protein identification, quantification, systems biology analysis) will be considered as an added value.</p>
<p>Institute/Directorate Unit Project/Task force</p>	<p>Institute for Health and Consumer Protection Chemical Assessment and Testing</p> <p>Further information: http://ihcp.jrc.eu.europa.eu</p>

Indicative duration	12 months
Preferred starting date	ASAP
JRC Site	Ispra
Country	Italy
Rules	Grantholders: https://ec.europa.eu/jrc/sites/default/files/jrc_grant_holder_rules_0.pdf