



2019-KRU-A5-FGIV-011515 **FGIV – Scientist - Exploratory Research Project**
A leap forward in RADionuclide BiOremediation
(RAmBO)

<p>Position for: FG IV Scientist</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 http://ec.europa.eu/jrc/</p> <p>The JRC offers a vacancy for a Contract Agent within the Exploratory Research Project RAMBO (A leap forward in RADionuclide BiOremediation).</p> <p>The JRC Exploratory Research Programme (ER) is a strategic initiative characterised by ideas that might lead to novel results to qualitatively enrich current JRC scientific work.</p> <p>The ER Project RAmBO will develop an innovative methodology for in-situ, on site, reliable and cost-effective bioremediation of radiocaesium (^{137}Cs half-life: 30.1 years) with an efficiency better than that of presently applied more costly off-site remediation methods.</p> <p>The successful candidate will be in charge of carrying out all aspects of the RAmBO project, this including:</p> <ul style="list-style-type: none">• Synthesis and characterization of nanoparticles;• Design, implementation and testing of analytical methods;• Perform studies on plant uptake of radionuclides;• Dissemination/publication of results. <p>Qualifications:</p> <ul style="list-style-type: none">• Completed university studies of at least three years attested by a diploma and at least five years professional experience in a field relevant to the position, alternatively a doctoral diploma in chemistry, biochemistry or related field;• Extensive knowledge/experience in nuclear chemistry, environmental chemistry is essential;• Broad knowledge in the area of analytical chemistry is essential;• Knowledge of plant culture and nanoparticle synthesis is an advantage;• Solid record of research activities relevant for the post including publications in international peer-reviewed journals is an advantage;• Good oral and written communication skills in English (B2) are essential, knowledge of other languages is an advantage. <p>In addition, the following competences will be considered as an advantage:</p> <ul style="list-style-type: none">• Ability to work in a team and in a multi-cultural environment;• The candidate is expected to be creative and work independently.
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