



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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<p>Directorate Unit</p> <p>Project</p>	<p>Nuclear Safety and Security Waste Management</p> <p>The Scientific Development Unit of the Directorate for Strategy and Work Programme Coordination is in charge of the overall JRC Exploratory Research Programme.</p> <p>The operational scientific research will take place in the Waste Management Unit in Karlsruhe (Germany).</p> <p>Exploratory Research Project: A leap forward in RAdionuclide BiOremediation (RAMBO)</p> <p>Further information is available at: https://ec.europa.eu/jrc/en/research-topic/nuclear-waste-management-and-decommissioning</p>
<p>Indicative Duration</p>	<p>24 months</p>
<p>JRC Site</p> <p>Country</p>	<p>Karlsruhe</p> <p>Germany</p>
<p>Rules and eligibility</p>	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.</p> <p>If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.</p> <p>You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.</p> <p>1. CAST Permanent: open-ended selection procedure to create a pool of candidates from which the institutions, bodies, offices and agencies of the European Union (EU) can recruit contract agents. https://epso.europa.eu/documents/2240_en</p> <p>2. JRC Call COM/1/2015/GFIV – Research: open-ended selection procedure to create a pool of candidates from which mainly the JRC can recruit contract agents FGIV as researchers. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</p> <p>Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX</p> <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</p> <p>Article 3b of the Conditions of Employment of Other Servants of the European Union applies: the actual period of employment within the Commission under this type of contract, including any period under renewal, shall not exceed 6 years.</p> <p><i>Please note that in case a high number of applications is received only shortlisted candidates will be contacted.</i></p>