



2020-IPR-A5-FGIV-015351

**FGIV – PROJECT OFFICER -  
SCIENTIFIC/TECHNICAL SUPPORT OFFICER  
- EXPLORATORY RESEARCH PROJECT -  
FUTURE RESPONSE STRATEGIES AGAINST  
CORONAVIRUSES (FUTURE)**

<p><b>Position for:</b></p> <p><b>FG IV - Project Officer - Scientific/Technical Support Officer</b></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://ec.europa.eu/jrc/">http://ec.europa.eu/jrc/</a></p> <p>The JRC offers a vacancy for a Contract Agent within the Exploratory Research project FutuRe (Future Response Strategies Against coronaviruses).</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 vacancy is within the Directorate for Health, Consumers and Reference Materials, which provides independent scientific evidence for the development, implementation and evaluation of EU policies, mainly in the areas of standardisation, public health, food and feed safety and authenticity, cosmetics and other consumer products, medical devices, nanomaterials, taxation with a focus on fraud and a well-functioning EU internal market.</p> <p>By leveraging on the expertise existing at JRC on biotechnology, biophysics and nano medicine with the experience gained on developing passive immunization therapies, the ER Project FutuRe aims at developing techniques and methods for the functional characterization of coronavirus spike proteins, which are the key determinants of viral entry into host cells.</p> <p>The availability of simpler methods for the functional assessment of key viral proteins will help the research community to faster develop therapies against new coronavirus variants and especially against future unforeseen pathogens..</p> <p>The successful candidate will be in charge of all aspects of the FutuRe project :</p> <ul style="list-style-type: none"><li>• Synthesis and basic characterization of recombinant proteins;</li><li>• Developing techniques and methods for the structural and functional characterization of coronavirus spike proteins;</li><li>• Linking with the international collaborators; dissemination and publication of results.</li></ul> <p>Qualifications:</p>
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	<p>Essential:</p> <ul style="list-style-type: none"> <li>• PhD degree in chemistry, biotechnology, biochemistry, pharmaceutical technology, nanotechnology, or related fields. Alternatively, 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;</li> <li>• Extensive experimental research experience on characterization of biological macromolecules and/or biotechnologies).</li> <li>• Knowledge in the area of recombinant protein technology (both synthesis and characterization) and biophysical techniques (ELISA, CD, protein analysis, fluorescence, MS, AUC) and experience with cell cultures;</li> <li>• Solid record of research activities relevant for the post including publications in international peer-reviewed journals.</li> </ul> <p>Advantage:</p> <ul style="list-style-type: none"> <li>• Knowledge of advanced measurement techniques such as cryo-TEM, NMR;</li> <li>• Ability to work in a team and in a multi-cultural environment;</li> <li>• The candidate is expected to be proactive and capable to work independently in the JRC Nanobiotechnology Laboratory.</li> </ul> <p>Good oral and written communication skills in English (B2) are essential..</p> <p>The Joint Research Centre is an equal opportunity employer and is committed to increasing the diversity of its staff. It welcomes applications from women and minority groups.</p>
<p><b>Directorate Unit</b></p> <p><b>Project</b></p>	<p>Health, Consumers and Reference Materials Consumer Products Safety</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 desk-based scientific research will take place in the unit Consumer Products Safety in Ispra (Italy).</p> <p>Exploratory Research Project: Future Response Strategies Against coronaviruses (FutuRe)</p> <p>Further information is available at: <a href="https://ec.europa.eu/jrc/en/research-facility/nanobiotechnology-laboratory">https://ec.europa.eu/jrc/en/research-facility/nanobiotechnology-laboratory</a></p>
<p><b>Indicative Duration</b></p>	<p>24 months</p>

<p><b>JRC Site</b></p> <p><b>Country</b></p>	<p>Ispra</p> <p>Italy</p>
<p><b>Rules and eligibility</b></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.  <a href="https://epso.europa.eu/documents/2240_en">https://epso.europa.eu/documents/2240_en</a></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:  <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers">https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</a></p> <p>Only then you can apply for this specific position, through <a href="http://recruitment.jrc.ec.europa.eu/?type=AX">http://recruitment.jrc.ec.europa.eu/?type=AX</a></p> <p><b>Auxiliary contract staff:</b> <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</a></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>