



2020-IPR-A5-FGIV-015349

**FGIV - SCIENTIFIC/TECHNICAL SUPPORT
OFFICER - EXPLORATORY RESEARCH PROJECT -
MODELLING THE PATHOGENESIS OF COVID-19
USING THE ADVERSE OUTCOME PATHWAY
FRAMEWORK (CIAO)**

<p>Position for:</p> <p>FG IV - Project Officer - Scientific/Technical Support Officer</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 CIAO (Modelling the pathogenesis of Covid-19 using the Adverse Outcome Pathway framework).</p> <p>The JRC's 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>The ER Project CIAO (Modelling the pathogenesis of Covid-19 using the Adverse Outcome Pathway framework) will lay the foundations of a multi-disciplinary effort to collect all relevant molecular, physiological, clinical and ultimately population-oriented knowledge to depict biologically what happens when a human is infected with SARS-CoV-2. The project will apply crowdsourcing methods to attract relevant, competent and cooperative third parties to assemble Adverse Outcome Pathways describing the course of the Covid-19 disease from a molecular initiating event via a series of Key Events towards one or more adverse clinical outcomes. Mathematical modelling based on the assembled AOP knowledge will complement the exercise.</p> <p>The successful candidate will:</p> <ul style="list-style-type: none">• Contribute to the overall AOP assembly process: Identification of relevant Key Events; focusing on selected Key Events and enriching them with own knowledge and knowledge extracted from literature or other sources;
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	<ul style="list-style-type: none"> • Assist in the co-ordination of the crowdsourcing activities: identification of third party experts, their motivation and guidance, as well as quality review of contributions to the AOP; • Interfacing with the mathematical modelling efforts within the CIAO project; • Contribute to the Dissemination/publication of results. <p>Qualifications:</p> <p>Essential:</p> <ul style="list-style-type: none"> • Doctoral diploma in immunology, virology, epidemiology or related field. 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. <p>Advantage:</p> <ul style="list-style-type: none"> • Knowledge of Adverse Outcome Pathways framework; • Knowledge and experience in immunology and viral disease research • Solid record of research activities relevant for the post including publications in international peer-reviewed journals • Ability to work in a team and in a multi-cultural environment • The candidate is expected to be creative and work independently <p>Good oral and written communication skills in English (B2) are essential, knowledge of other languages is an advantage.</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>Directorate Unit</p> <p>Project</p>	<p>Health, Consumers and Reference Materials Chemical Safety and Alternative Methods</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 Chemical Safety and Alternative Methods in Ispra (Italy).</p> <p>Exploratory Research Project: Modelling the pathogenesis of Covid-19, using the Adverse Outcome Pathway framework (CIAO)</p> <p>Further information is available at: https://ec.europa.eu/jrc/en/science-area/health-and-consumer-protection</p>
<p>Indicative Duration</p>	<p>24 months</p>

<p>JRC Site</p> <p>Country</p>	<p>Ispra</p> <p>Italy</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>