



2018-IPR-F2-FGIV-010727

**FG IV – Scientific Project Officer - Support to  
JRC Nanobiotechnology laboratory**

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| <p><b>Position for:</b></p> <p><b>FG IV – Scientific Project 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="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a></p> <p>We are looking for a Scientific Project Officer to provide support to the JRC Nanobiotechnology laboratory.</p> <p>The candidate will contribute primarily to experimental work performed in the Nanobiotechnology laboratory concerning the nanomaterial safety, the detection and characterisation of nanomaterials, microplastics and other materials.</p> <p>The main activity will consist in experimental work on biomolecular interaction studies, surface micro-fabrication and nanomaterials characterisation.</p> <p><b>Qualifications:</b></p> <p>Post-graduate title (Specialisation and/ or Master or PhD) in Physics, Physical-Chemistry biochemistry, chemistry or Materials Science.</p> <p>An equivalent qualification would be a University degree giving access to doctoral studies and 5 years of experience in a field relevant to the position</p> <p>Good Experience in biomolecular interaction studies with SPR and QCM-D, and in nanomaterials characterisation is required.</p> <p>The candidate must have a strong experience in surface plasmon resonance and quartz crystal microbalance detection techniques, in surface characterisation techniques such Atomic force microscopy, ellipsometry and electron microscopy.</p> <p>The working language will be English and a good knowledge of oral and written English (B2 level), communication and presentation skills are necessary.</p> <p><b>Advantages:</b></p> <p>Familiarity AFM and SEM analysis. Experience in surface microfabrication and microfluidics.</p> <p>Experiences in electro-beam lithography, photolithography and plasma processing are an advantage. Experience in image analysis is appreciated.</p> |
| <p><b>Directorate Unit</b></p>   | <p>Health, Consumers and Reference Materials<br/>Consumer Products Safety</p> <p>Further information: <a href="https://ec.europa.eu/jrc/en">https://ec.europa.eu/jrc/en</a><br/><a href="https://ec.europa.eu/jrc/en/research-topic/nanotechnology">https://ec.europa.eu/jrc/en/research-topic/nanotechnology</a></p>   |

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| <b>Indicative duration</b>        | 36 months initial contract with possible renewals up to maximum 6 years   |
| <b>JRC Site</b><br><b>Country</b> | Ispra<br>Italy  |
| <b>Rules and eligibility</b>      | <p>The candidate must be on any valid EPSO reserve list for Function Group IV contract staff.</p> <p>Applicants to the following Calls for expression of interest can also be considered:</p> <ol style="list-style-type: none"> <li>1. CAST Permanent - EPSO has launched in January 2017 an 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. Details available at the link below: <a href="https://epso.europa.eu/documents/2240_en">https://epso.europa.eu/documents/2240_en</a></li> <li>2. Call COM/1/2015/GFIV – Research - The JRC has launched in January 2015 a permanent call for researchers FG IV. 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></li> </ol> <p><b>Auxiliary contract staff:</b><br/><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 due to the high number of applications received only shortlisted candidates will be contacted.</i></p> |