



**2019-IPR-F-000-011310**

**Bioinformatics for GMOs**

<p><b>Position for:</b></p> <p>Trainee 2 positions</p>	<p>As the science and knowledge service of the Commission, the mission of 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://www.jrc.ec.europa.eu">http://www.jrc.ec.europa.eu</a></p> <p><b><u>Short description of activity:</u></b></p> <p>The core task of this activity regards scientific/technical tasks in the area of Bioinformatics in the field of Genetically Modified Organisms (GMOs), by giving support to the European Union Reference Laboratory for GM Food and Feed (Reg. EC No 1829/2003). Main tasks will include assessment of the information submitted by applicants in accordance with the "Guideline for the submission of DNA sequences derived from genetically modified organisms and associated annotations within the framework of Directive 2001/18/EC and Regulation (EC) No 1829/2003". Bioinformatics skills are required to perform analysis of NGS and Sanger data and to verify fulfilment of the Guideline criteria.</p> <p>Under the supervision of the advisor, the trainee will have to verify that the dossier and accompanying documents are compliant with the Guideline. The trainee will have the opportunity to strengthen his/her skills on knowledge management and reporting, as well as to gain insights on genetically engineered vectors and sequencing technologies.</p> <p><b><u>Qualifications:</u></b></p> <p><b><u>Essential:</u></b></p> <ul style="list-style-type: none"><li>• University degree in Bioinformatics, Computer Sciences or related</li></ul>
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	<p>disciplines, Molecular Biology, Biotechnology</p> <ul style="list-style-type: none"> <li>• Good knowledge of spoken and written English (B2 level)</li> <li>• Bioinformatics skills required to perform analysis of NGS and Sanger data</li> <li>• Practical experience in sequence manipulation</li> <li>• Unix knowledge and skills in scripting (shell, python, perl)</li> </ul> <p><b><u>Advantage:</u></b></p> <ul style="list-style-type: none"> <li>• Skills in coding (C++, python, R)</li> <li>• Publications in this field in English</li> </ul> <p><b><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></b></p> <p><a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</a></p>
<b>Unit / Directorate</b>	<p>Directorate F – Health, Consumers and Reference Materials Knowledge for Health and Consumer Safety Unit</p> <p>Further information: <a href="https://ec.europa.eu/jrc/en">https://ec.europa.eu/jrc/en</a></p>
<b>Indicative duration</b>	5 months
<b>JRC Site</b>	Ispra
<b>Country</b>	Italy
<b><u>JRC contact details</u></b>	<p><b>For any technical problems with your application, please contact:</b> <a href="mailto:HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu">HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</a></p>