



## VACANCY NOTICE – 2023-GEE-F7-FGIV-022981

### CA FGIV - Project Officer - Bioinformatics

<b>Type of contract</b>	Member of the European Commission's contract staff, Function Group IV (article 3b of the <a href="#">Conditions of Employment of Other Servants</a> )
<b>Duration of contract</b>	36 months (renewable up to maximum 6 years)
<b>Area</b>	Field of Work: <i>Bioinformatics</i>
<b>Place of employment</b>	Geel (BE)
<b>Indicative basic salary</b>	3877,47 - 5616,29 € (applicable as of 1 <sup>st</sup> of July 2022) For more detailed information please consult: <a href="#">Working Conditions</a>

#### **WE ARE**

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The [Joint Research Centre \(JRC\)](#) provides independent, evidence-based knowledge and science, supporting EU policies to positively impact society.

The current vacancy is within the Digital Health Unit at the Health & Food Directorate within the group working on infectious disease Bioinformatics.

We offer:

The successful candidate will work in a multidisciplinary setting of JRC staff and external collaborators. He or she will contribute to scientific activities for the analysis of heterogeneous bio data sources (OMICS) for supporting preparedness to health threats throughout the One Health approach. The position offers an excellent opportunity to acquire experience and develop skills in working with complex data on interesting research topics, working in a highly productive team of scientists, helping to improve health in EU through high impact research.

#### **WE PROPOSE**

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The JRC is now looking for a bioinformatician to:

- Provide scientific support in the field of (gen)omics monitoring for preparedness against biological health threats;
- Contribute to the design and execution of multidisciplinary studies in health-related fields;
- Combine omics / biological data, methods and statistics to help analyses on data for policy support in health-related topics and to provide support through analysis with bio statistical methods in large data sets;
- Contribute to the development of automatic bioinformatics workflows to perform analyses data from viral sequencing or metagenomics experiments;



- Contribute to the knowledge on virulence mechanisms and increased transmissibility, to the definition and tracking of variants of concern, to the in-silico development of detection methods and their in-silico assessment, to the selection of target regions for efficient rapid tests, to the development and use of instruments and novel approaches for pandemic surveillance and monitoring.

## **WE LOOK FOR**

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We are looking for a bioinformatician with the following **essential** qualifications:

- A doctoral degree (PhD) in bioinformatics, statistics/biostatistics, computer science or other relevant disciplines, or alternatively completed university studies of at least three years attested by a diploma in combination with at least five years of professional experience in a field relevant to the position;
- Excellent knowledge in the area of bioinformatics, molecular biology, modern bioanalytical methods, applied to omics-related fields;
- Strong technical background, demonstrated by experience and publications in applied bioinformatics: competence in programming, database development and data processing by setting-up bioinformatics workflows;
- Skills to collect, process and extract value from large and diverse data sets;
- Strong quantitative background with robust statistical and computational skills;
- Demonstrated ability to conduct research utilising and manipulating large data sets;
- Knowledge of standard bioinformatics script languages such as Python, R, or other;
- Excellent written and spoken English (level C1);
- Ability to work autonomously and as part of a team;
- Ability to communicate scientific concepts in writing or orally.

**Assets** are:

- A good research and publication record;
- Knowledge and use of most commonly used Bioinformatics tools;
- Demonstrated ability in the management of large data sets, including data retrieval, transformations and analysis;
- Scientific leadership combined with flexibility, intellectual curiosity, ideation and eagerness to contribute;
- Ability to drive a project and work both independently and in a team;
- Experience in the areas of applied bioinformatics to support policymaking in scientific areas like 'omics and next-generation sequencing;
- Work in international research teams and multidisciplinary fields.

Interested candidates should provide a CV and a cover letter. In the list of publications accompanying the CV, please highlight the three most relevant publications. Two contact points for references will also be needed.



## **HOW TO APPLY**

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If you are **already on a valid CAST FG IV reserve list**, or you **have already applied to one of the calls below**, you can directly submit your application at <http://recruitment.jrc.ec.europa.eu/?type=AX>.

If not, before applying to this position, **you must register** for one of the two following Calls:

- the [Call for Expressions of Interest | EU Careers \(europa.eu\)](#) (CAST Permanent FG IV), which is used by a wide range of organisations (institutions, bodies, offices and agencies of the European Union), or
- the [specialised call for researchers](#) (JRC Call COM/1/2015/GFIV – Research), which is mainly used by the JRC.

Note that each of the calls above has **different minimum eligibility requirements and different selection tests**.

*The JRC cultivates a workplace based on respect for other people and the environment, and embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.*