

**2021-GEE-F6-FGIV-019268****FG IV - Laboratory Technician - Scientific Research****POSITION FOR:**

Member of the contract staff FG IV – art. 3b of the Conditions of Employment of Other Servants

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1962R0031:20110101:EN:PDF>**WE ARE:**

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.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <https://ec.europa.eu/jrc/>

The Directorate for Health, Consumers and Reference Materials is one of the ten directorates of the JRC. It has units in Geel (Belgium) and Ispra (Italy). The vision of JRC-Directorate F is to create, manage and make sense of scientific knowledge for EU policies ensuring consumer protection and health of citizens and contributing to European growth and competitiveness.

The Reference Materials Unit (F.6) is located at the Geel site of the JRC. The major activity of the Reference Materials Unit is to develop, produce, certify and distribute reference materials, to provide scientific advice and to enlarge the knowledge basis on reference materials and to foster international measurement standards. Production of reference materials is accredited according to ISO 17034 and ISO/IEC 17025. The Unit's mission is to perform pre-normative research, to provide science-based policy advice and to develop, disseminate and promote measurement standards in support of EU policies for biotechnology, health, environment, energy and engineering including advanced materials and nanotechnology.

**WE PROPOSE:**

We offer a position in the Reference Materials Unit that combines scientific and analytical work. The task focuses on the development and production of high-quality reference materials (RMs) in the clinical area. These RMs are intended to be used by in-vitro diagnostic (IVD) manufacturers to establish the traceability chain of clinical assays as requested by Regulation (EU) 2017/746 on in vitro diagnostic medical devices (repealing Directive 98/79/EC).

The candidate will join our team of scientists working on a broad range of clinical RMs and will focus on the certification of RMs for clinically relevant Alzheimer markers in cerebrospinal fluid (CSF). The work will also concern the development and production of other clinically relevant markers measured in CSF such as Neurofilament light (Nfl) polypeptide.

The position entails taking over responsibility for RM projects and carrying out analytical work in modern protein laboratories. The job holder will co-ordinate RM projects, address scientific measurement challenges and ensure the timely and adequate production of certified materials applying ISO 17034, perform protein measurements under ISO/IEC 17025 accreditation, evaluate and scrutinise data, assist in the material processing as need arises and write certification reports and certificates. The job holder needs to interact with external stakeholders such as the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC).

For the production of RMs, the successful candidate will combine project co-ordination tasks with analytical laboratory work. The jobholder will design and carry out stability, homogeneity and characterisation studies required for the certification of RMs. The successful candidate will receive training dedicated to the production of RMs focussing on ISO/IEC 17025 and ISO 17034, will work in a multinational team and collaborate with scientific staff on the JRC Geel site.

**WE LOOK FOR:**

We look for a well-motivated scientist with university level education and at least three years of experience, preferably with a PhD, in the areas of biochemistry or analytical chemistry.

A sound knowledge in protein characterisation and quantification is required, plus a broad, general interest for covering the diverse fields of reference material production.

Good planning abilities and organisation skills are required to manage the RM projects.

The candidate must have a keen understanding of analytical measurements and quality control.

Experience in quality management and coordinating collaborative studies is an advantage.

Good knowledge of English (level B2) is required as well as knowledge of another EU official language.

**INDICATIVE CONTRACT'S DURATION:**

36 months initial contract with possible renewals up to maximum 6 years.

**PLACE OF WORK:**

Geel (BE)

**ELIGIBILITY CRITERIA:**

Candidates for this contract agent post shall:

– (i) have passed a valid EPSO CAST selection procedure;

or

– (ii) be registered in the EPSO Permanent CAST [https://epso.europa.eu/documents/2240\\_en](https://epso.europa.eu/documents/2240_en)

or

- (iii) be registered in the specialised call for researchers <https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers> (used mainly by the JRC).

With a valid application number to one of the above, you may then apply for this specific vacancy at JRC through: <http://recruitment.jrc.ec.europa.eu/?type=AX>.

**RECRUITMENT POLICY:**

The JRC

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