



2022-GEE-F4-FGIV-020788

FG IV – Technical Officer - Scientific Research

**POSITION FOR:**

Member of the contract staff FGIV – 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 current vacancy is in the Health, Consumers and Reference Materials Directorate, Fraud Detection and Prevention Unit (JRC.F.4).

The fight against illicit consumer products such as counterfeit cigarettes is an EU priority aimed at protecting consumer health as well as the financial interest of the Member States. JRC operates a dedicated tobacco laboratory to create chemical fingerprints of tobacco, which are processed by chemometric tools to identify similarities among tobacco products seized in different countries. This intelligence supports law enforcement actions at Member State as well as European Commission level. Advanced measurement techniques such as comprehensive GC-MS are used to assess the safety of novel forms of nicotine delivery systems such as e-cigarettes and heated tobacco products. The created knowledge supports policy formulation and implementation for regulated tobacco products.

**WE PROPOSE:**

Our new colleague will apply state-of-the-art chromatographic techniques coupled to mass spectrometry for fingerprinting the volatile fraction of tobacco and emissions of novel forms of nicotine delivery. The latter aims to detect and identify potentially harmful substances created by the devices used to generate the smoke-like aerosol. Multivariate statistical tools have to be used for extracting information from the fingerprints to detect possible relationships among illicit tobacco products to support investigations of illegal activities. The future job holder is expected to support the team in the preparation of meetings with a network of national experts, where results are presented in an international forum. The candidate will also scan the horizon, collate information related to the state-of-the-art in the offered position to generate relevant knowledge to support policy formulation as well as policy implementation by national authorities.

**WE LOOK FOR:**

The successful candidate shall have a degree in chemistry, biochemistry/food chemistry, pharmacy, or a related discipline with a strong focus on analytical techniques relevant to the job content. A solid background in chromatographic separation techniques coupled to mass spectrometric detectors is a requirement and experience in its practical application to biological matrices is an asset. Familiarity with IT systems for storing and organising data and chemometrics is necessary. Good knowledge of spoken and written English (level B1) is required.

**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/en/documents/call-expressions-interest-0>

or

- (iii) be registered in the specialised call for researchers [https://joint-research-centre.ec.europa.eu/working-us/jobs-jrc/temporary-positions/contract-staff-members/function-group-iv/job-opportunities-research-fellows-european-commission\\_en](https://joint-research-centre.ec.europa.eu/working-us/jobs-jrc/temporary-positions/contract-staff-members/function-group-iv/job-opportunities-research-fellows-european-commission_en) (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 Joint Research Centre

- 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.