



Bureau International des Poids & Mesures

Job Vacancy

Research Fellow

Quantification of complex analytes for Laboratory Medicine

Background

The International Bureau of Weights and Measures (BIPM) in Sèvres, France, is an intergovernmental scientific organization whose mandate is to provide the basis for a coherent system of measurements throughout the world, traceable to the International System of Units (SI). It has an international staff of over 70 and an annual budget of about 13 million euros. Further information about the BIPM can be found on the website: www.bipm.org.

The Chemistry Department of the BIPM organizes international comparisons related to organic substance purity determination. An extension of this program is being developed to support the establishment of Reference Measurement Systems in the field of diagnostics and therapeutics.

The closing date is 30 September 2010

Duties

The BIPM has a vacancy for a Research Fellow for the development of analytical methods for the quantification of complex analytes (amino acids, peptides, and small proteins).

The successful candidate will undertake projects to develop and improve qualitative and quantitative analytical methods, with a focus on high-performance liquid-chromatography - mass spectrometry (LC-MS/MS), to identify impurities and to provide precise and accurate measurements for traceable mass fraction value assignments.

Qualifications

Applicants should have:

- a Ph.D. degree in a relevant field (chemistry, biochemistry or laboratory medicine);
- experience in LC-MS/MS of complex molecules relevant to therapeutics/ diagnostics;
- a fluent level of spoken and written English;
- the ability to work in a multicultural environment and
- the ability to maintain good working relations inside and outside the organization.

Previous experience with peptide/protein chemistry (hydrolysis, digestion, modification, labeling and purification) and familiarity with the operation of other relevant analytical instrumentation would be advantages.

Employment conditions

The BIPM offers a full-time 2-year fixed-term appointment. The BIPM offers remuneration and conditions of employment detailed in its *Staff Regulations, Rules and Instructions*, which are comparable with those of other international organizations based in France. It manages its own contributory pension scheme and subscribes to a private medical insurance for its staff and their families.

Applications

The BIPM encourages applications from both women and men with relevant qualifications. A full *Curriculum Vitae* (C.V.) and covering letter should be sent by paper mail to the Director, BIPM, Pavillon de Breteuil, F-92312 Sèvres Cedex, France, by **30 September 2010**, with a copy by email to: Idelloro@bipm.org. The selected applicants may be requested to take a written test and only shortlisted applicants will be invited for an interview. Applications should include the names of two referees who will be asked to comment upon the candidate's suitability for the post.

Requests for additional information may be addressed to Dr Robert Wielgosz, Director of the Chemistry Department: rwielgosz@bipm.org.