



**Project sheet reference
number:**

2013-GEE-D-30-000-1434

**Post Doc Vacancy in the field of Allergens
Analysis**

Position for:

CATEGORY 30

Short description of activity:

The Standards for Food Bioscience Unit of the Institute for Reference Materials and Measurement Joint Research Centre in Geel, Belgium, is offering a position for post-doctoral scientist in the area of protein analysis applied to the detection and quantification of gluten and priority food allergens.

The successful candidates will carry out laboratory work and develop methods for the extraction and quantification of proteins using electrophoresis, immunoaffinity and liquid chromatography-mass spectrometry based methods. Applicants should be experienced in the isolation, manipulation and digestion of low level target proteins from complex matrices. A good understanding of protein biochemistry, bioinformatics and food chemistry would also be advantageous.

Qualifications:

Candidates with a PhD in biochemistry, analytical sciences or a relevant other discipline with a strong background in protein chemistry are invited to submit their applications. They are expected to have experience in the development and validation of methods for the quantification of low level proteins in complex matrices. The expertise of the candidates shall be underpinned by a corresponding publication list. The demanding nature of the research topic proposed requires the ability to solve problems and also act effectively as part of a research team. The successful candidate shall be able to work under the umbrella of a quality system. Good command of English is a prerequisite.

Institute	Institute for Reference Materials and Measurements (IRMM)
Unit	Standards for Food Bioscience
Action	Further information: http://irmm.jrc.ec.europa.eu/
Indicative duration	CAT 30 : 36 months
Preferred starting date	1 June 2013
JRC Site	Geel
Country	Belgium
Rules	Grantholders: http://ec.europa.eu/dgs/jrc/downloads/jrc_grantholder_rules.pdf