

Analytical Chemist (Ref. AC-SM)

The [Signal and information processing for sensing systems](#) group at the **Institute for Bioengineering of Catalonia (IBEC)** is looking for a **Analytical Chemist**.

IBEC (Institute for Bioengineering of Catalonia) is an interdisciplinary research center focused on Bioengineering and Nanomedicine based in Barcelona. IBEC's **mission** is to develop that, while creating knowledge, contributes to making a better quality of life, improving health and creating wealth. A close link with key universities, reference hospitals and corporations, are assets that facilitate achieving the mission.

IBEC was founded in 2005 by the Generalitat de Catalunya, the University of Barcelona (UB) and the Polytechnic University of Catalonia (UPC).

IBEC is located within the **Barcelona Science Park**, with premises of 2.500 square meters, 16 research groups and a team of researchers and support services of 250 people from 20 different countries. www.ibecbarcelona.eu



Tasks and responsibilities:

- Work on the analysis of volatile with different techniques (GC -MS , Ion Mobility Spectrometry , Chemical Sensor Arrays) for applications in health, environmental health and alimentary industry.

Requirements for candidates:

- Master of Science or PhD in Analytical Chemistry.
- Previous experience in volatile analysis.
- Knowledge of HS/GC/MS and SPME.
- Capacity to develop new experimental protocols.
- Knowledge of Ion Mobility Spectrometry is a plus.
- Ability to work effectively in a multidisciplinary team.
- Communication and organization skills.
- Knowledge of Chemometrics is a plus.
- Medium – High level of English.
- Knowledge of Labview is an asset.
- Knowledge of Fluidics in gas phase will be an asset.

We Offer:

- Employment contract until 31/12/2017. Full time
- Stimulating, interdisciplinary research and high quality international scientific environment.
- Salary will be commensurate with academic level and experience.



HR EXCELLENCE IN RESEARCH

IBEC is committed to the principles of the Code of Conduct for the Recruitment of Researchers of the European Commission. Thus, there are no restrictions of citizenship or gender and candidates with disabilities are strongly encouraged to apply.

Interested applicants should send their CV, cover letter and references to:
jobs@ibecbarcelona.eu, **before 20/05/2016 (Reference: AC-SM).**