

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 international high quality interdisciplinary research 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, 20 research groups and a team of researchers and support services of 250 people from 20 different countries. www.ibecbarcelona.eu



Technician in Chemometrics - Metabolomic Research (Ref. TC – SM).

The [Signal and Information Processing for Sensing Systems Lab](#) group led by Dr. Santi Marco at the **Institute for Bioengineering of Catalonia (IBEC)** is looking for a **Researcher founded through an industrial project**.

Tasks and responsibilities depending on candidate background:

- Development tools based on free software in order to develop data processing workflows LC-MS and NMR
- Analysis of datasets

Requirements for candidates:

- Master of Science Degree (Preferable in Physics)
- Prior international experience in the field of Metabolomics or Proteomics.
- Data processing LC-MS, NMR, GC-MS and GC-IMS, Chemical sensor arrays.
- Programming in high level languages such as MATLAB, R or PYTHON.
- Self-critical, capacity to learn and bring knowledge.
- High level of English.
- High motivation and ability to be involved in an international multidisciplinary team.
- Excellent team working and communication skills.

Other valuable skills

- C, C++ programming ; Digital Signal Processing ;

We Offer:

- 2 years Full time employment contract
- Stimulating, interdisciplinary research and high quality international scientific environment.
- Salary will be determined upon experience and scientific background.