**PostDoc position in geochemistry**

The research group MAiMA- Isòtops estables i Mineralogia – from the University of Barcelona (<http://www.ub.edu/maima/>) is seeking for Post-Doc in the field of geochemistry.

MAiMA initiated its research in 1990, and it is part of the Applied Mineralogy, Geochemistry and Geomicrobiology Research Group (MAG, <http://www.ub.edu/minegeo>). It holds an interdisciplinary team of scientists, experts in different scientific areas, such as isotope geochemistry, hydrogeology, hydrology, analytical chemistry, mineralogy and ore deposits. MAiMA has earned an international reputation for outstanding research on the application of mineralogy and stable isotopes to geological and environmental investigations.

The main research line, in which the candidate will be incorporated focuses on the application of stable isotope tools for environmental investigations.

MAiMA is very active in collaboration with the private sector, and has gained the TECNIO accreditation, which is given by the Generalitat de Catalunya to research groups and centres, with proven scientific excellence, which develop and apply innovative technologies, and transfer their knowledge to the industrial sector by means of RDI projects.

MAiMA counts with two laboratories for routine chemical analysis, and sample preparation for stable isotope analysis (<http://www.ub.edu/maima/servicios-analiticos>) of several elements (H, C, N, O, S, Cl) in different compounds and matrices (mainly environmental and food samples). The stable isotope analyses are performed at the Scientific and Technological Centers UB (CCiTUB, Centres Cientificotècnics UB, (<http://www.ccit.ub.edu/EN/home.html>), one of the best equipped isotope laboratories in Spain, providing a complete infrastructure of IRMS with different configurations.

**Your tasks:**

The Post-Doc candidate will join a young and multidisciplinary team, and will contribute to the implementation of RDI projects.

The main tasks will be:

* Implementation of project tasks (sampling, analysis, deliverables…)
* Coordination and design of laboratory experiments
* Stable isotope analysis of different elements and compounds
* Correction of analytical results and preparation of analytical reports
* Interpretation and presentation of results
* Supervision of students
* Drafting technical proposals and project reports
* Implementation and improvement of the laboratory Quality Assurance System (ISO 9001:2015).

**Your profile:**

* PhD in natural sciences (environmental sciences, analytical chemistry, geology, physics, microbiology or similar scientific career…)
* Excellent oral and written communication skills in Spanish and English (Catalan appreciated)
* Proven experience in analytical chemistry (isotope geochemistry appreciated)
* Experience in development of analytical methods will be valued
* High motivation and very good organisational skills, team player, interest to work in an interdisciplinary team and ability to liaise with a variety of stakeholders
* Experience in laboratory management and Quality Assurance System (ISO 9001:2015) is highly desirable

**We offer:**

* Work in an young, inter-disciplinary team with excellent links with environmental companies, administration and national and international research networks
* Excellent technical facilities
* A vibrant region with a high quality of life and a wide cultural offering for a balance between family and professional life
* Working time: 100% (37,5 hours per week), six months contract with possibility to be converted in a permanent position
* Place of work: Barcelona

**Contact:**

**Your contact for any questions you may have about the job:**

MAiMA Director:

Prof. Albert Soler ([albertsolergil@ub.edu](mailto:albertsolergil@ub.edu))

MAiMA Scientific Project manager & Innovation Promoter:

Dra. Clara Torrentó ([gr.maima@ub.edu](mailto:gr.maima@ub.edu))

**Submit your application:**

Please submit your application (your CV and a motivation letter) by e-mail to [gr.maima@ub.edu](mailto:gr.maima@ub.edu) with CC. to [mtejedor@fbg.ub.edu](mailto:mtejedor@fbg.ub.edu), under quoting reference: MAiMA Post-Doc December 2020.

Closing date for applications: 31.1.2022