



## Post-Doctoral researcher position on metabolic modelling of microbial electrochemical technologies at University of Girona LEQUIA research group (Ref: TECNIO-MET-INC)

We seek candidates to apply for a technology transfer and/or applied research position in the competitive call TECNIO SPRING+, a COFUND program under Horizon 2020 funded by the European Commission and the Catalan Government.

### Research topic

Development of a metabolic model for CO<sub>2</sub> mitigation and transformation into commodity chemicals through microbial electrochemical technologies (MET).

### The institution

LEQUIA (<http://lequia.udg.cat>) is the Laboratory of Chemical and Environmental Engineering, a research group of the University of Girona (Catalonia, Spain). Because our work is multidisciplinary, LEQUIA projects currently involve environmental scientists, chemists, biologists, engineers and computer scientists. Currently, we have a team of 30 researchers and technicians. Within the bioelectrochemical systems field, we are working on i) bioremediation of contaminated groundwater, ii) bioproduction of commodities from CO<sub>2</sub>, iii) biogas upgrading to reach high quality biomethane (electromethanogenesis) and iv) organic matter and nitrogen removal from wastewaters.

### Requirements

Candidates must i) hold a doctoral degree and four additional years of full-time research experience; or, alternatively, have at least eight years of full-time research experience after obtaining the degree which would formally entitle them to embark on a doctorate, and ii) have at least one year of experience in applied research and/or technology transfer activities (R&D projects involving companies, patents licensing or spin-offs). Experience in team management is also required. The call is open to all nationalities but the researcher must not have resided or carried out her/his main activity (work, studies) in Spain for more than 12 months in the 3 years immediately prior to the deadline for the submissions of applications (September 14th). Experience in bioelectrochemical systems is also desired.

Further information on the research work: Dr Sebastià Puig ([sebastia.puig@lequia.udg.cat](mailto:sebastia.puig@lequia.udg.cat)) or Dr Jesús Colprim ([JColprim@lequia.udg.cat](mailto:JColprim@lequia.udg.cat)).

Further information on the TECNIO SPRING+ call: [www.tecniospring.eu](http://www.tecniospring.eu)

### Benefits

The successful applicant will have a 2 years contract with a gross annual salary of aprox. 43.000€ plus national health insurance. Travel and research expenses up to 1.920€ and 17.280€, respectively, will be covered. Intended date of beginning: January 2018.

The fellow will join a research group with a strong track-record of basic and applied research in bioelectrochemical systems and an extensive network of academic and business contacts. His/her work will be aligned with a National-funded R&D project expected to start in January 2018.

### Applications

Applicants should send the following documentation to [promotor@lequia.udg.cat](mailto:promotor@lequia.udg.cat) indicating the job reference "TECNIO-INC-EDSS" not later than Sunday July 30<sup>th</sup> 2017:

- CV
- a motivation letter indicating the research line they are interested in

Letter/s of recommendation will be welcome.