Post-Doctoral researcher position on drinking water characterization at LEQUIA University of Girona research group (Ref: TECNIO-DRINK-INC)

We seek candidates to apply for a technology transfer and/or applied research position in the competitive call TECNIOSPRING+, a COFUND program under Horizon 2020 funded by the European Commission and the Catalan Government. **Research topic:** Organic matter fractioning for drinking water plant optimization.

**LEQUIA**
LEQUIA ([http://lequia.udg.cat](http://lequia.udg.cat)) is the Laboratory of Chemical and Environmental Engineering, a research group of the University of Girona (Catalonia, Spain) devoted to the development of eco-innovative water solutions. Because our work is multidisciplinary, LEQUIA projects currently involve environmental scientists, chemists, biologists, engineers and computer scientists. We have a team of 40 researchers and technicians. Our current research lines are: i) design, operation and control of advanced processes for the biological treatment of industrial and urban wastewaters, ii) valorization of resources within the water-energy nexus, iii) environmental decision support systems, and iv) advanced adsorption/oxidation processes for the treatment of liquid and gaseous effluents.

**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, 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), and iii) have experience in team management. 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). As for scientific background, we ask for experience in water characterization by using chromatography techniques (GC, HPLC, GC-VID, FT-IR, XRD, XRF, ICP-MS, SEM/EDX, EA). Fluency in Spanish and/or Catalan will be also valued.

Further information on the research work: Dr Hèctor Monclús ([hector@lequia.udg.edu](mailto:hector@lequia.udg.edu)) or Dr Manel Poch ([manel@lequia.udg.cat](mailto:manel@lequia.udg.cat))

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

**Benefits:**
The successful applicant will have a 2 years contract with a gross annual salary of approx. 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:** October 2018 - January 2019.

The fellow will join a research group with a strong track-record of applied research in urban water systems. His/her work will be aligned with an ongoing 3-years collaborative project with a leading industrial organization in Catalonia.

**Applications:** Applicants should send the following documentation to [promotor@lequia.udg.cat](mailto:promotor@lequia.udg.cat) indicating the job reference “TECNIO-DRINK-INC” not later than March 18th 2018:
- CV
- a motivation letter indicating the research line they are interested in
- letter/s of recommendation will be welcome