



## Open PhD position on the capture and bioconversion of indoor CO<sub>2</sub> at LEQUIA research group of the University of Girona (Catalonia, Spain)

We are seeking candidates to apply for a PhD grant and conduct a funded research work under the University of Girona doctoral program on Water Science and Technology. Research topic is capture and bioconversion into commodity chemicals of CO<sub>2</sub> from indoor air. Click [here](#) for further information about the research project. Place of work: Laboratory of Chemical and Environmental Engineering of the University of Girona - LEQUIA (Catalonia, Spain). Envisaged date of start: June 2023. The selected candidate will apply for a 3-year PhD grant funded by Agency for Management of University and Research Grants (Agència de Gestió d'Ajuts Universitaris i de Recerca-AGAUR). Reference: MICRO-BIO-PhD.

### Description

Applicants should fulfil the following requirements:

- Hold a bachelor's degree in chemical/environmental engineering, chemistry, materials engineering, environmental sciences, biotechnology or equivalent.
- Have passed at least 60 ECTS of the master's Studies required to study a doctorate program in the University of Girona.
- Have an excellent academic record and fluent in English.

If you fulfil these requirements, are hard-working, highly motivated and interested in developing a career in applied research within the environmental/biotechnological field, you may be the candidate we are looking for.

### Who we are

LEQUIA (the Laboratory of Chemical and Environmental Engineering) is a research group of the University of Girona (Catalonia, Spain) devoted to the development of eco-innovative environmental solutions. LEQUIA projects involve environmental scientists, chemists, biologists, engineers and computer scientists. Our current research lines are: i) innovative bioprocesses for treatment, resource recovery and synthesis of new products; ii) physicochemical advanced processes for treatment and/or reuse of liquid and gas side streams; and iii) planning, control and evaluation of complex environmental systems.

### Applications

Applicants should send the following documentation to [luisrafael.lopez@udg.edu](mailto:luisrafael.lopez@udg.edu) not later than **November 20<sup>th</sup>, 2022**:

- Full CV with the Bachelor's average grade and the Master's average grade. If the studies were completed abroad, you have to supply the [declaration of equivalence](https://www.educacionyfp.gob.es/servicios-al-ciudadano/catalogo/gestion-titulos/estudios-universitarios/titulos-extranjeros/equivalencia-notas-medias.html) to the Spanish education system (<https://www.educacionyfp.gob.es/servicios-al-ciudadano/catalogo/gestion-titulos/estudios-universitarios/titulos-extranjeros/equivalencia-notas-medias.html> )
- A motivation letter (optional).
- Letters of reference (optional)

### What we offer

- A research group with a recognised trajectory in the environmental/chemical engineering field
- An international and multidisciplinary team
- The necessary equipment and facilities to carry out your research work
- Intensive contacts with fellow researchers across Europe and with industrial partners in Spain and across Europe
- Work in a research funded project that addresses global environmental challenges
- Support and guidance to develop your research career

For further information on LEQUIA research, visit our website: <http://lequia.udg.cat>