



Open PhD position on the capture and bioconversion of CO₂ from indoor air 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 CO₂ 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: September of 2022. 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) or University of Girona (UdG). Ref: PhD_student_MicroBio.

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 water 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.

Application

Applicants should send the following documentation to luis.lopez@lequia.udg.cat not later than March 18th, 2022.

- The full CV with the average degree of the Bachelor and Master studies.
- If the Bachelor/Master studies were carried out abroad, declaration of equivalence to the Spanish system, calculated in accordance with the [Spanish Ministry of Universities rules](#).
- A motivation letter.
- Letters of recommendation (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](#)