

CALL REQUIREMENTS

Call Title: SUSTAINABLE PRESSURIZED FLUIDS TECHNOLOGIES TO VALORIZE PROTEIN-RICH BY-PRODUCTS OF THE AGRI-FOOD INDUSTRY: NEW STRATEGIES, SCALING-UP PROCESS AND TECHNO-ECONOMIC AND ENVIRONMENTAL ANALYSIS.

Contact person: Maria Teresa Sanz Diez (tersanz@ubu.es)

Department: Biotechnology and Food Science

Category: Researcher
 Others: Technician

Workday: Full time
 Part time

Aim: To develop and collaborate on research tasks within the framework of the above project. Including, optimization of the different analytical techniques proposed for the characterization of protein-rich by-products, study and validation of new valorisation strategies based on the use of the pressurized binary system subW/CO₂, as well as the separation of the components present in the hydrolysates. Furthermore, scaling-up of the proposed systems and carry will be carried out, as well as a techno-economic and life cycle analysis of the proposed strategies.

Requirements of the candidate:

- PhD in Food Science and Technology, Chemistry, Chemical Engineering or any other type of Experimental Science.

Duration: Three years

Gross monthly remuneration: 2503 €

Application submission deadline: December 22, 2023

Documents to be provided:

- Photocopy of valid national identity card/NIE or passport.
- Curriculum vitae.
- Copy of the required academic certification of the call.