

CALL REQUIREMENTS

Call Title: Valorization of the protein fraction of different by-products from agri-food industry in Castilla y León by using pressurized fluids technologies.

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

Department: Biotechnology and Food Science

Category: Researcher

Others

Workday: Full time

Part time

Aim: To develop research tasks within the framework of the above project:

- (1) Optimization of analytic methods to characterize the protein fraction as well as other biomass components
- (2) Design and optimization of reactors to work with pressurized fluids
- (3) Study of the degradation of the hydrolysis products derived from biomass in subcritical water.
- (4) Application of the hydrolysis products from the biomass, especially those derived from protein hydrolysates, as well as phenolic compounds that present high antioxidant capacity.

Requirements of the candidate:

- To have a Doctoral degree before the initial date of the formal contract.
- To have a degree in Chemical Engineering/Food Science and Technology/Chemistry or related degrees.

Duration: Maximum 24 months

Gross monthly remuneration: 2.537 euros/month

Application submission deadline: Seven business days from the day following to the publication of this call on the Electronic Board of the University of Burgos.

Documents to be provided:

- Photocopy of valid national identity card/NIE or passport.
- Curriculum vitae.
- Copy of the PhD certificate
- Copy of scientific publications (first page) and certificates of any other additional merit.