

POSTDOCTORAL POSITION

Agrotecnio is committed to a diverse and inclusive work environment. Employment is assessed on the basis of qualifications, competence, integrity and organizational needs, in accordance with the HRS4R certification requirements. Women are strongly encouraged to apply.

Clear and precise description of the activity

Under the supervision of the responsible researchers, the postdoctoral researcher will contribute to the development and nutritional characterization of barley-based extruded products intended for incorporation into experimental diets for preclinical animal studies evaluating their potential effects on intestinal health and colorectal cancer prevention.

The researcher will prepare and mill the selected cereal raw materials and produce the extruded products using a twin-screw extruder. They will also carry out or coordinate the compositional and nutritional analysis of the raw materials and processed products, including the determination of proximate composition and key bioactive constituents, particularly β -glucans, arabinoxylans, starch fractions, and phenolic compounds. The resulting data will support the formulation of barley-enriched and control diets with comparable energy density and macronutrient composition across experimental groups.

The postdoctoral researcher will also document and analyze the experimental results, ensure the traceability of samples and processing conditions, prepare the relevant technical documentation, and coordinate the delivery of the extruded products and diet formulations to the research team responsible for preclinical animal studies.

Place description

Agrotecnio- Universitat de Lleida
Campus Agroalimentari, Forestal i Veterinari
Avinguda Alcalde Rovira Roure, 191. 25198 Lleida

Profile, requirements and merits duly accredited.

- PhD in Food Science and Technology or a related field.
- Research experience in food processing and nutritional characterization.
- Experience in cereal extrusion will be highly valued.
- Knowledge of food composition analysis and bioactive compounds.
- Good command of English and ability to work in a multidisciplinary team.

Number of positions.

1

Expected duration.

2 months (from September 14th 2026 to November 13th 2026)

Weekly hours.

30 h/week

Gross amount

1,740 €/month

Name of the responsible researcher.

Laura Rubió

Deadline.

30th July 2026

Place to present.

Secretary of Agrotecnio (administration@agrotecnio.udl.cat)

Composition of the evaluation committee.

President: Laura Rubió

Secretary: José Miguel Soriano

Voice: Marian Moralejo

Place where the resolution will be published

Agrotecnio website (<https://agrotecnio.org/careers-job-offers/>)

If you require further information on matters relating to the call please contact:

laura.rubio@udl.cat

The contractual modality is of indefinite duration, with specific clauses linked to the financing of the project in accordance with art. 49 1.b) and art. and 52.e) of Royal Legislative Decree 2/2015, of October 23, whereby the revised text of the Workers' Statute Law is approved.

Please if you are interested in the position send a CV and one recommendation letter to the mail: administration@agrotecnio.udl.cat

Foot note: Appeals against outcome of the administrative selection process may be directed to the Director/Acting director of the Center within one month outcome of the selection process.

Lleida, 10th July 2026

Laura Rubió