

Forest Science and Technology Centre of Catalonia (CTFC) is a research centre affiliated with the Generalitat de Catalunya (the Catalan government), and it reports to the Ministry responsible for forest issues.

CTFC is a CERCA centre and a government accredited TECNIO agent (developer of public technology).

It was granted a 'Human Resources Excellence in Research' award by the European Commission, recognizing CTFC as a European research institution that fosters an attractive and motivating work environment.

Postdoc specialist in organic Chemistry and Biomass

Reference: 23-11-00008

The Forest Science and Technology Centre of Catalonia (CTFC) needs to incorporate a person with a PhD in Chemistry within the Mediterranean Wood Chemistry Lab, in the Chemistry Department of the University of Lleida.

CTFC's research activity is organised around three programs: 1) Multifunctional Forest Management; 2) Landscape Dynamics and Biodiversity; 3) Bioeconomy and Governance.

CTFC is located in Solsona (Pre-Pyrenees, 120 km from Barcelona), Spain. We are a very dynamic research institute that employs app. 160 staff, produces >100 scientific articles annually and has a turnover of app. 6 Mil. €/year. Further institutional information is available at: www.ctfc.cat/en

TERMS OF THE APPOINTMENT

1. This contract may start on January 2024 (start could be delayed if necessary).
2. It is a full-time position (37.5 hours per week) with a with a scientific-technical activities contract.
3. Based on CTFC labour categories, annual gross salary will be adjusted to the foreseen role and will be commensurated with the specific profile of the selected candidate (qualifications and experience).
4. The candidate will be based at Department of Chemistry of Universitat de Lleida within the Mediterranean Wood Chemistry Lab.

KEY RESPONSABILITIES

The successful candidate is expected to:

1. Development of chemical processes to produce textile fibers from lignocellulosic biomass, as well as product separation and extraction.
2. Support to the Mediterranean Wood Chemistry Lab. He will participate in the supervision of non-doctoral staff who participate in tasks specific to this unit.
3. Any other function or task that by its nature is entrusted to him/her.

BASIC REQUIREMENTS

1. Doctorate in the field of chemistry or related.
2. Degree or degree in Chemistry or related.
3. Experience in biomass research.

DESIRABLE REQUIREMENTS

1. Knowledge in organic chemistry and/or analytical chemistry of organic compounds.
2. Previous research experience will be especially valued, in particular on topics related to wood chemistry, processes for obtaining bioproducts and biomaterials from different types of biomass.
3. Readiness to work in multi-disciplinary teams.
4. Proven fluency in spoken and written English.
5. Excellent organizational skills and capacity to deliver tasks in a timely manner to deadlines.

SOFT COMPETENCES

1. Team player.
2. Critical thinking and attention to detail.
3. Capacity to work under pressure.
4. Ability to plan and organize their work independently.
5. Result oriented.
6. Flexibility and adaptation.
7. Initiative and pro activity.
8. Availability to travel sporadically.

CONTACT

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CTFC guarantees an open, transparent, and merit-based recruitment process (OTM-R) to all registered candidacies avoiding thus any bias on gender, origin, age, ideology, or other circumstances that could be discriminatory. Integration policy: reservation of a place for staff with a certificate of recognized disability.

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SELECTION PROCESS AND CRITERIA

The selection process is led by the Human Resources Area of CTFC. This process consists of:

1. **Admission of candidates:** applicants must submit a curriculum vitae and motivation letter addressed to borsa.treball@ctfc.cat, until **31st December 2023**, indicating the reference code of the offer.
2. **Pre-selection:** verification of compliance with the minimum requirements of the offer.
3. **Selection (from January 2nd to January 15th, 2024):** assessment of the preselected candidates by scoring based on objective criteria and interview.



4. **Final decision:** in case of finding the suitable person, the election will be formally communicated to him/her, and the identification of the chosen person will be published on CTFC job openings section.

Further information: borsa.treball@ctfc.cat