

Junior Researcher

Position:	Junior Researcher Contract associated with the call for Strategic Lines Projects, within the framework of the 2024 Transmissions Initiative; Project PLEC2024-011135		
Project:	RECOBAT		
Professional category:	Junior Doctor	Contribution group:	1
Work Center:	University of Extremadura. Caceres Campus		
Number of places:	1	Reserve percentage, if applicable:	
Department:	Electrical Energy Storage		
Offer date:	DOE Publication	Deadline for submitting bids:	15 calendar days , counting from the day after publication in the DOE (Official Journal of Extremadura)
Application for participation:	Annex I of the call for proposals.	Form of presentation of the application for participation by applicants :	APPLICANTS MUST SEND ALL DOCUMENTATION FROM POINT 5 OF THE BASES, indicating Ref. IJ-RECOBAT Project
Documents to be submitted with the application:	The documents listed in point 5 of the Call Bases		
Contact information for sending requests	<p>FUNDECYT-PCTEX (Science and Technology Park Building), Avda. de la Investigación, s/n, PCTEX Building, Campus of the University of Extremadura – 06006 Badajoz (Spain)</p> <p>Email: ciae.personal@fundecyt-pctex.es Telephone: +34 927 690 042 Ext.107</p> <p>www.fundecyt-pctex.es</p> <p>www.ciae.org</p>		
Estimated start date:	January 2025	Probation:	2 MONTHS
Waiting list	Yes, according to the regulations of points 9 and 10 of the Call Bases.		
Conditions and requirements for applicants:	Those established in point 4 of the Call Bases		
Members of the selection body:	President: José Luis Canito Lobo		
	Secretary: Lucía Cordon Masero		
	Member: Juan Manuel Pérez Rodríguez		
	Member: Lucía Cordon Masero		

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Tasks to be developed:	Development of tasks related to the RECOBAT project. Laboratory work on battery discharge, supercritical fluids and battery recycling. Dissemination of results.		
Academic background:	Dr. Chemistry Engineer /Dr. DC. Chemistry / Dr. Industrial Engineering or equivalent / Dr. Physics		
Other training:	Valuable: Master in electrochemistry or similar Knowledge of supercritical fluids and/or, Knowledge in metal leaching and/or, Knowledge in chemical process modeling, and/or, Knowledge in Li battery discharge		
Contract duration:	4 years		
Remuneration:	Gross Annual Salary: SB: € 36.959,30 €	Financing:	"PLEC2024-011135 project funded by MICIU/AEI/10.13039/501100011033/FEDER, EU"
Details of the selection process:			
<ul style="list-style-type: none"> - Technical test: NO - Language : YES (will be evaluated during the interview) - Job interview : YEAH 			
Evaluation: evaluable criteria and subcriteria	MERIT AND CURRICULAR EVALUATION PHASE (COMPETITION).		
	<p>Professional experience:</p> <ul style="list-style-type: none"> - Chemical leaching process development projects of at least 1 year - Participation in at least 1 European project (HE, H2020, FP7, etc.) or equivalent or experience in an equivalent private company <p>Analytical techniques:</p> <ul style="list-style-type: none"> - AAS, ICP, DRX, DMA, TGA, DSC, TMA, SEM <p>Participation and/or collaboration in R&D&I/business projects</p> <ul style="list-style-type: none"> - Minimum participation in 1 European or equivalent project <p>Experience in Research Centers / Companies</p> <ul style="list-style-type: none"> - Yes. Minimum stay of 6 months (in total) <p>Languages:</p> <ul style="list-style-type: none"> - Good oral and written skills in English <p>Publications: scientific articles (in journals indexed in Web of Conferences Science and/or Scopus), thesis (PhD and/or master's), conference presentations, reports, technical reports, technical guides, etc.</p> <ul style="list-style-type: none"> - Minimum 5 published articles. - Minimum participation in 2 conferences <p>To be valued:</p> <ul style="list-style-type: none"> - Having participated in regional/national/European or direct contracting projects. - Having directed TFG, TFM or similar student projects. - Having been first author on at least one scientific article - Knowledge of electrochemical systems modeling is valuable - Other languages are valued, excluding mother tongue - It is valuable to have obtained equivalent competitive research grants/contracts. - Length of stays at different centres for carrying out the Doctoral Thesis 		

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INTERVIEW PHASE (OPPOSITION).	
	<ul style="list-style-type: none"> - Adequacy of knowledge, experience and other required requirements - Competence, aptitude, skills and abilities: managerial, organizational, analytical, human team management and communication - The suitability of the candidate's profile to the position to be filled - Communication skills in English, Portuguese and/or Spanish - Interest of the candidate to integrate into the organization and in the performance of the vacancy called for

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