

JOB OFFER		
REFERENCE	OPENING DATE	DEADLINE
ININVAL22/10	03/03/2023	12/03/2023
PROFILE REQUIREMENTS		
EXCLUSIVE REQUIREMENTS: (1)		
ACADEMIC DEGREE	Degree in Chemical Engineering + Official Master's Degree in Chemical Engineering (Excludable requirement: justification must be provided with the application).	
LANGUAGES	English B2 (Excluding requirement: justification must be provided with the application).	
VALUED MERITS /SKYLLS		
EXPERIENCE	<ul style="list-style-type: none"> -Participation in research projects. -Synthesis techniques of nanoparticles and other biopolymers materials: electrospinning/electrospraying, phase inversion precipitation, etc. -Handling and/or interpretation of physicochemical and morphological characterization techniques of polymeric materials: DLS, FTIR, Raman, SEM, TEM, etc. -Cell cultures. -Gene expression analysis techniques. -Experience in writing scientific articles. -Experience in scientific dissemination and popularization activities. 	
CONTRACT INFORMATION		
TYPE OF CONTRACT	EXPECTED INCORPORATION DATE	JOB STATUS
Indefinite in accordance with Article 23 Bis of Law 14/2011, of June 1, 2011, on Science, Technology and Innovation.	April	24 hours/week
ANNUAL GROSS SALARY IN FULL TIME	DURATION OF THE CONTRACT	
17.787,67 €	Indefinite term linked to the duration of the project and to the economic availability based on RDL8/2022.	
WORK LOCATIONS	UNIT/DEPARTMENT	
Faculty of Medicine	Molecular biology	
OFFER DESCRIPTION		
Research support technician		
DESCRIPTION OF THE TASKS IN THE PROJECT		
<ul style="list-style-type: none"> -Fine-tuning and optimization of nanoparticle synthesis variables. -Development of techniques for functionalization of nanoparticles (physical and/or chemical) with biomolecules. -Cell culture assays and gene expression analysis. -Interpretation of results and writing of reports and articles for scientific dissemination. 		
PRINCIPAL INVESTIGATOR / RESPONSABLE	RESEARCH GROUP	RESEARCH PROJECT
Jose Carlos Rodríguez Rey	Skeletal, metabolic and environmental diseases (iESQUEMA)	ININVAL22/10: Terapia génica de la Atrofia Muscular Espinal (SMA): Desarrollo de un sistema de nanopartículas funcionalizadas

		para la liberación específica de oligonucleótidos en la fibra muscular estriada esquelética.		
RECRUITMENT INFORMATION				
SELECTION PROCESS STAGES (2)				EMPLOYMENT EXCHANGE
Preselection: Inerview: maximum candidates to interview: 3. Tribunal report: Resolution:				NOT
SELECTION BOARD				
<ul style="list-style-type: none"> • Jose Carlos Rodríguez Rey, Project´s Main Researcher • Galo Peralta, IDIVAL´s Management Director • Patricia Álvarez-Ingelmo, IDIVAL Human Resources Coordinator (She will act as registrar of the selection board). 				
VALUATION OF MERITS				
MERITS	EVALUATION	SCORE		MAXIMUM
-Participation in research projects.	Curricular	Merit fulfilment	Yes/Not	8
-Synthesis techniques of nanoparticles and other biopolymers materials: electrospinning/electrospraying, phase inversion precipitation, etc.	Curricular	Merit fulfilment	Yes/Not	10
-Handling and/or interpretation of physicochemical and morphological characterization techniques of polymeric materials: DLS, FTIR, Raman, SEM, TEM, etc.	Curricular	Merit fulfilment	Yes/Not	10
-Cell cultures	Curricular	Merit fulfilment	Yes/Not	8
-Gene expression analysis techniques.	Curricular	Merit fulfilment	Yes/Not	8
-Experience in writing scientific articles.	Curricular	Merit fulfilment	Yes/Not	8
-Experience in scientific dissemination and popularization activities.	Curricular	Merit fulfilment	Yes/Not	8
FINAL SCORE				
MAXIMUM TOTAL SCORE BY MERITS				60
MAXIMUM TOTAL SCORE IN INTERVIEW				40
MAXIMUM TOTAL SCORE				100

(1) Not subsanable

(2) See duration of each phase in the document "Selection Process"

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