

JOB OFFER		
REFERENCE	OPENING DATE	DEADLINE
INIVAL19/12	07/05/2020	16/05/2020
PROFILE REQUIREMENTS		
EXCLUSIVE REQUIREMENTS: (1)		
<b>ACADEMIC DEGREE</b>	Superior Technician in Pathological Anatomy and Cytology; and Senior Technician in Clinical Diagnostic Laboratory	
<b>EXPERIENCE</b>	<ul style="list-style-type: none"> <li>• Preparation / storage / use / disposal of nanomaterials used in biology.</li> <li>• Maintenance of nanomedicine, biomaterials, cell biology, molecular and biochemistry laboratories.</li> <li>• Basic rodent anatomy techniques,</li> <li>• Cell cultures, immunofluorescence, live cells, confocal, flow cytometry</li> <li>• Processing and handling of biological samples for electronics, histology, marking of samples for histopathology, etc.</li> <li>• Experience in electron microscopy</li> <li>• Processing of biological samples treated with nanomaterials</li> </ul>	
<b>OTHERS REQUIREMENTS</b>	• Laboratory animal Handling Course (mice).	
VALUED MERITS /SKILLS		
<b>TRAINING</b>	<ul style="list-style-type: none"> <li>• Nanomaterial handling/disposal courses</li> <li>• Other courses in subjects related to work topics such as:               <ul style="list-style-type: none"> <li>✓ Flow Cytometry.</li> <li>✓ Fundamentals of light and electron microscopy, sample preparation.</li> <li>✓ Nanomaterials.</li> <li>✓ Nanomedicine: Nanomaterials and advanced techniques for diagnosis and therapy.</li> <li>✓ Biomaterials, etc.</li> </ul> </li> </ul>	
<b>EXPERIENCE</b>	<ul style="list-style-type: none"> <li>• Experience in nanomedicine</li> <li>• Experience in basic microbiology and maintenance of microbiology laboratories (autoclave, preparation of plates and media, stabs, etc.)</li> </ul>	
<b>LANGUAGES</b>	Basic English	
<b>OTHERS</b>	<ul style="list-style-type: none"> <li>• Experience in related fields</li> <li>• Collaboration in research papers / publications related to nanomedicine</li> </ul>	
CONTRACT INFORMATION		
TYPE OF CONTRACT	EXPECTED INCORPORATION DATE	JOB STATUS
Attached to research project	June	PART TIME (22,5h/week)
ANNUAL GROSS SALARY IN FULL TIME		DURATION OF THE CONTRACT
10.825,96 €		10 months
WORK LOCATIONS		UNIT/DEPARTMENT
FACULTAD DE MEDICINA-IDIVAL		MOLECULAR BIOLOGY
OFFER DESCRIPTION		
Nanomedicine laboratory technician		
DESCRIPTION OF THE TASKS IN THE PROJECT		

- Execution of techniques currently used in nanomedicine projects.
- Handling, storage, preparation, etc. of nanomaterials.
- Eukaryotic and prokaryotic cell cultures, material sterilization, basic microbiology and histopathology techniques, management of typical equipment in nanomedicine laboratories, basic laboratory techniques (including immunodetection in tissues and cells, cultures, basic microbiology, protein electrophoresis, pathological anatomy in murine models, animal handling, etc.).
- Confocal/electron microscopy, flow cytometry, cell cultures, tissue sampling.
- Carrying out general techniques of cellular biology, molecular biology, histology in nanomedicine, among others.
- Sample processing for confocal, TEM and paraffin, among others.

PRINCIPAL INVESTIGATOR / RESPONSABLE	RESEARCH GROUP	RESEARCH PROJECT
Mónica López Fanarraga	Nanomedicine	INIVAL19/12: Diseño y producción de pseudo-cápsidas nanoteranósticas dirigidas al sistema nervioso

### RECRUITMENT INFORMATION

SELECTION PROCESS STAGES (2)	EMPLOYMENT EXCHANGE
Preselection: Interview: maximum number of candidates: 3. Minimum score to enter this phase: 40 Tribunal report: Resolution:	NOT

### SELECTION BOARD

- Mónica López Fanarraga, 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
Experience in nanomedicine	Contract/fellowship	1 pt per month	30
English	curricular	1-5 pts depending in the level	5
Courses (nanomaterials, biomaterials, nanomedicine, etc)	curricular	1-3 pts depending on the affinity	8
Methodological courses (Flow cytometry, microscopy, sample preparation, etc)	curricular	1-3 pts depending on the affinity	5
Experience in basic microbiology and maintenance of microbiology laboratories (autoclave, preparation of plates and media, stabs, etc.)	proven experience	1-3 pts depending on the affinity	8
Experience in related fields	proven experience	1-3 pts depending on the affinity	2
Collaboration in research papers / publications related to nanomedicine	proven experience	1-3 pts depending on the affinity	2

### FINAL SCORE

MAXIMUM TOTAL SCORE BY MERITS	60
MAXIMUM TOTAL SCORE IN INTERVIEW	40
MAXIMUM TOTAL SCORE	100

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(1) Not subsanable

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

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