FUNDACIÓN del HOSPITAL NACIONAL de PARAPLÉJICOS	**OFFER OF EMPLOYMENT**		
REFERENCE	**OPENING DATE**	**CLOSING DATE**	
2022_EMD Merck Serono_R2	03-11-2022	14-11-2022	
WORK CENTER			
Hospital Nacional de Parapléjicos			
RESEARCH GROUP/DEPARTMENT		**LEAD RESEARCHER**	
Neuroinmuno-Reparación		Dr Diego Clemente	
ADDRESS	**CITY**	**PROVINCIA**	**OPOST CODE**
Finca “La Peraleda”, s/n, 45071	Toledo	Toledo	E-45071
CANDIDATE PROFILE			
PROFESSIONAL CATEGORY	**ACADEMIC QUALIFICATIONS**		
Senior Technician (A1) / Junior Doctor (R2)	Doctorate		
PREVIOUS EXPERIENCE			
Previous experience in neuroimmunology research laboratories is an asset.			
REQUIRED PROFILE			

- Expertise on:
  1. Handling of patient samples (blood, PBMCs, nerve tissue).
  2. Animal models of multiple sclerosis (EAE, TMEV-IDD, cuprizone, lysolecithin demyelination, etc...) or other diseases with important neuroinflammatory component. Experience in the analysis of new drugs in animal models will be valued.
  3. Flow cytometry of mouse samples and immune system cell culture.
  4. Histology of the rodent central nervous system.
  5. Organotypic cultures for myelination studies and oligodendroglial lineage cell cultures. Myelination studies on spinal ganglion neurons.
  6. Western blot and RT-qPCR of cultured cells.
  7. In situ hybridization.
  8. Calcium imaging, reactive oxygen species production, cell viability and proliferation, apoptosis, cell differentiation, cell migration.
- Have a C1 level qualification in English language Knowledge at the time of application.
- Category D (former C) for the design of procedures with experimental animals.

- It will be positively valued if the PhD is related to PhD Programs in Neuroscience, Immunology or Neuroimmunology.

DESCRIPTION OF THE TASKS TO BE PERFORMED IN THE PROJECT/KNOWLEDGE TO BE ACQUIRED AND/OR SKILLS TO BE DEVELOPED

Tasks to be performed

- Development and monitoring of drug effects in animal models of multiple sclerosis.

- Isolation of immune system cells from lymphoid organs.

- Population analysis of regulatory cells from blood samples as well as from spleen and bone marrow of mice.

- Culture and activation of splenocytes or isolated T lymphocytes, and co-culture with myeloid suppressor cells isolated from spleen and/or bone marrow.

- Fixation and processing of rodent nerve tissue. Classical histological staining and immunohistochemistry.

- Organotypic cultures for myelination studies, central nervous system cell cultures, particularly oligodendrocyte precursors.

Skills to be developed

- Handling and experimental design skills for confocal microscopy.

- Isolation, freezing, thawing and analysis of rodent immune system cells.

- Histopathological analysis of murine nervous tissue.

- Flow cytometry of white blood cells from peripheral blood and mouse lymphoid organs.

- Strong background in statistics.

MOTIVATION

- We are looking for a person eager to contribute his/her knowledge about the nervous system, the immune system and the interaction between them, with the ultimate goal of searching for new therapeutic targets for molecules currently in clinical trials in multiple sclerosis.

CONTRACT INFORMATION

DURATION OF THE CONTRACT	**WORKING HOURS/DEDICATION**	**GROSS MONTHLY SALARY**
Contrato de actividades científico técnicas (art. 23 Real Decreto-ley 8/2022, de 5 de abril)	35h/semana (Completa)	1.885,43 euros brutos/mes (pagas extraordinarias prorrateadas)

APPLICATION AND DOCUMENTATION SUBMISSION PROCEDURE

Applicants must provide the following documents by e-mail to **rrhh.fhnp@sescam.jccm.es** **in a single document in PDF format**

- Cover letter (express mention of the reference of the offer).

- Curriculum Vitae of the candidate (including mobile phone number and contact e-mail address).
- Photocopy of ID card or legally accredited document.
- Photocopy of the required degree or certificate of its attainment.
- Documents accrediting experience (certificate of time worked or similar certificate issued by the Human Resources department of the corresponding company) as well as the required official certification (level C) for handling experimental animals.
- Proof of the level of English required.

EVALUATION PANEL

The Evaluation Panel will be composed of:

- Chair: lead researcher /Service Manager
- Member: Member of the reception group
- Secretary: Human Resources of the Foundation

SELECTION PROCESS

The selection process will consist of two phases:

1st Phase: Evaluation of merits (6 points): in this phase, an evaluation of the merits and requirements established in the call for applications will be carried out by the Selection Board.

2nd Phase: Personal interview (4 points): Candidates who have obtained at least 4 points in the 1st Phase will be called for a personal interview with the Selection Board, which may be held in person or online. This interview will deal with the requirements established in the call for applications.

ADDITIONAL INFORMATION

The resolution of the present call for the recruitment of personnel is subject to the prior authorisation of the Ministry of Finance and Public Administrations of the Junta de Comunidades de Castilla-La Mancha.

2.- It will be required to have the nationality of any country belonging to the European Union or, failing that, to be in possession of a work permit. In those cases in which the candidate does not have a work permit, he/she must inform the Foundation during the selection process, which will inform the candidate of the process to follow in case he/she is selected.

3.- The recruitment of research/technical staff by the Foundation shall follow the principles of the OTMR policy established in the European Charter for Researchers: transparent, open and merit-based recruitment. (Available at: https://hnparaplejicos.sanidad.castillalamancha.es/es/fundacion-hnp/hrs4r)

4.- The recruitment of research/technical staff carried out by the Foundation is in accordance with the Equality Plan of the entity. (Available at: https://hnparaplejicos.sanidad.castillalamancha.es/es/fundacion-hnp/plan-de-igualdad)

All applications received in relation to job offers will be processed by the Foundation with the aim of selecting the most suitable candidate and in compliance with the public interest (art 6.1 e of EU regulation 2016/679) which contemplates the legally established transfer of data to public control bodies, audits and other public bodies; and the right of the applicant to request access, rectify and cancel data on their application when they consider it appropriate by contacting the contact address of the offer. By submitting an application, the interested party gives his/her

consent to the processing of his/her personal data for the purpose of participating in the selection process and for sending/receiving communications related to the same.

6.- A special valuation will be given to those candidates who are in any of the following situations:

i) Disability equal to or greater than 33%: 0.5 points.

ii) Victim of gender violence: 0.5 points.

ii) Over 40 years of long-term unemployment in the last 5 years (0.05 points for each month of seniority up to a maximum of 2 points).

7.- Candidates may contact rrhh.fhnp@sescam.jccm.es (Telephone: 925. 24.77.61) for any doubts or questions that may arise in relation to the call for applications.

8.- Within 3 working days the candidates may present any complaints or claims after the communication of the finalization of the selection process, which will be dealt with within 15 working days.

9.- The contract will be formalised in writing, and the most appropriate contractual modality for the object of the contract will be used, from among those in force at the time of formalisation. The start date will be established in the contracting proposal, depending on the needs of the projects and provided that it is administratively feasible. Contracts may be terminated for any of the reasons foreseen in the Workers' Statute, or in the rest of the applicable legislation, and also those stated in the contract itself, among which the following shall be established: a) Completion or exhaustion of the budget appropriation, b) Completion of the tasks assigned to the employee's post within the project/unit, and c) Completion of the project.

10.- The gross salary of the present job offer has been established through the Salary Table established by the Foundation.

11.- Contracts may be terminated for any of the reasons set out in the Workers' Statute, or in other applicable legislation, and also those set out in the contract itself, among which the following shall be established: a) Completion or exhaustion of the budget appropriation, b) Completion of the tasks assigned to the employee's post within the project/unit and c) Completion of the project.

Toledo, 3 November 2022

The Management of the Foundation

03817352L SAGRARIO DE LA AZUELA (R: G45568441)

Firmado digitalmente por 03817352L SAGRARIO DE LA AZUELA (R: G45568441)
Fecha: 2022.11.03 09:54:34 +01'00'

Signed.: Sagrario de la Azuela Gómez