Open Call 02/2022

Application nº: 2022/838 **REFERENCE NUMBER OF THE POSITION: 2020-PI038**

INFORMATION OF THE RESEARCH ACTIVITY/PROJECT	
Name of the research activity	Engineered Conductive Proteins for Bioelectronics (e-Prot) *This contract is part of the project "Engineered Conductive Proteins fuere Bioelectronics (y-Prot)" which received funding from **the European Union's Horizon 2020** research and innovation programme under grant agreement no. 964593.*
Place of work	Centre for Research in Biological Chemistry and Molecular Materials (CIQUS)
Principal researcher	VAZQUEZ SENTIS, MARCO EUGENIO
Members of the tribunal	President: VAZQUEZ SENTIS, MARCO EUGENIO Secretary: MARTINEZ COSTAS, JOSE MANUEL Vocal: GONZALEZ BELLO, CONCEPCION
CONTRACT DETAILS	
Contract type	Temporary contract associated with programmes financed with European Funds
Number of positions	1
Work to be performed	Synthesis of conductive peptides and proteins
Functions to be performed	Synthesis, purification and characterization of peptides and proteins., Synthesis, purification and characterization of unnatural aromatic and photo/ electroactive amino acids., Physicochemical characterization of peptides and proteins: fluorescence spectroscopy, CD, conductivity, etc., Self-assembly of conductive peptide materials
Gross monthly salary	2.113,59 €
Duration of the contract *	12 months
Expected start date **	**The day following the resolution of the contract award**
Workday	Full-time (35.0 hours/week) 09:00 16:00
Employment status	Research associate 2021
REQUIREMENTS AND ACHIEVEMENTS OF THE APPLICANTS	
REQUIRED QUALIFICATIONS	
PhD	

OTHER ACHIEVEMENTS TO BE TAKEN INTO ACCOUNT		
Items	**Description of the item**	**Points**
Item nº 1	PhD in Chemistry	20
Item nº 2	English, B1 level or equivalent	10
Item nº 3	Accredited work experience in solid-phase peptide synthesis and microwave-assisted peptide synthesis.	20
Item nº 4	Accredited work experience in purification techniques and physicochemical characterisation of peptides and molecular interactions: HPLC-MS, circular dichroism, luminescence, UV-Vis, xel electrophoresis.	20
Item nº 5	Accredited work experience in organic chemistry, coordination chemistry, and in synthesis and characterisation of metallopeptides.	20
Item nº 6	Creditable work experience in supervision and training of students in the laboratory.	10

* The duration of the contract could be modified depending on the date of resolution of the contract award and the duration of the research activity/project.

** The planned start date could be modified depending on the date of resolution of the contract award.