

JOB OFFER		
REFERENCE	OPENING DATE	DEADLINE
EU21/16	11/03/2022	20/03/2022
PROFILE REQUIREMENTS		
EXCLUSIVE REQUIREMENTS: (1)		
ACADEMIC DEGREE	PhD Degree in Biology or Biomedical Sciences (Biochemistry, Biotechnology, Biomedicine)	
EXPERIENCE	Experience in Bioinformatics	
VALUED MERITS /SKYLLS		
FURTHER	Notions of Bioinformatics, Computer Science, Computational Biology or a related discipline	
EXPERIENCE	<ul style="list-style-type: none"> • Programming skills in Python and development of Bash pipelines for analysis of bacterial and viral genomes • Knowledge of Biostatistics: R, ODE/PDE Models with MATLAB applied to epidemiology and clinical investigation of microorganisms. • Technical knowledge on the field of genomics, and data analysis. Knowledge of bioinformatic analysis platforms (eg Illumina, OxfordNanopore, etc) • Experience in analysis of SARS-CoV-2 variants 	
LANGUAGES	Professional language skills in English – both written and spoken	
OTHERS	Participation in research projects	
CONTRACT INFORMATION		
TYPE OF CONTRACT	EXPECTED INCORPORATION DATE	JOB STATUS
Associated to a Research Project	April, 2022	Full time (35 h/week)
ANNUAL GROSS SALARY		DURATION OF THE CONTRACT
29.590,87 €		6 months (Extendable depending on the project funds availability)
WORK LOCATIONS		UNIT/DEPARTMENT
University Hospital Marqués de Valdecilla		Microbiology Service
OFFER DESCRIPTION		
Research Support Technician		
DESCRIPTION OF THE TASKS IN THE PROJECT		
<ul style="list-style-type: none"> • Design and development of protocols and procedures for processing data from the NGS laboratory. • Bioinformatic analysis of sequenced samples using the different NGS platforms for bacterial and viral genomes (SARS-CoV-2), as well as the microbiome from different biological samples. • Analysis of SARS-CoV-2 variants. • Presentation of reports using data visualization techniques, in order to communicate the results clearly. 		

PRINCIPAL INVESTIGATOR / RESPONSABLE		RESEARCH GROUP		RESEARCH PROJECT			
Jorge Calvo Montes		Pathogenic Epidemiology and Mechanisms of Infectious Diseases and Clinical Microbiology		EU21/16: Proyecto Hera Incubator Enhancing Whole Genome Sequencing (WGS) and/or Reverse Transcription Polymerase Chain Reaction (RT-PCR) national infrastructures and capacities to respond to the Covid-19 pandemic in Spain - HERA Incubator			
RECRUITMENT INFORMATION							
SELECTION PROCESS STAGES (2)					EMPLOYMENT EXCHANGE		
Preselection: Interview: maximum number of candidates to be interviewed: 3 Resolution:					YES		
SELECTION BOARD							
<ul style="list-style-type: none"> Jorge Calvo Montes, 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	
Notions of Bioinformatics, Computer Science, Computational Biology or a related discipline		curriculum		Merit fulfillment		Yes/No	20
Programming skills in Python and development of Bash pipelines for analysis of bacterial and viral genomes		curriculum		Merit fulfillment		Yes/No	10
Knowledge of Biostatistics: R, ODE/PDE Models with MATLAB applied to epidemiology and clinical investigation of microorganisms.		curriculum		Merit fulfillment		Yes/No	10
Technical knowledge on the field of genomics, and data analysis. Knowledge of bioinformatic analysis platforms (eg Illumina, OxfordNanopore, etc)		curriculum		Merit fulfillment		Yes/No	10
Experience in analysis of SARS-CoV-2 variants		curriculum		Merit fulfillment		Yes/No	10

Professional language skills in English	curriculum	Merit fulfillment	Yes/No	5
Participation in research projects	curriculum	Merit fulfillment	Yes/No	5
FINAL SCORE				
MAXIMUM TOTAL SCORE BY MERITS				70
MAXIMUM TOTAL SCORE IN INTERVIEW				30
MAXIMUM TOTAL SCORE				100

(1) Not subsanable

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

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