

JOB OFFER		
REFERENCE	OPENING DATE	DEADLINE
CSI19/02	13/09/2022	22/09/2022
PROFILE REQUIREMENTS		
EXCLUSIVE REQUIREMENTS: (1)		
ACADEMIC DEGREE	PhD Degree in Biological or Biomedical Sciences (Biology, Biochemistry, Biotechnology, Biomedicine)	
EXPERIENCE	Experience in Bioinformatics Analysis	
VALUED MERITS /SKYLLS		
FORMATION	Background in bioinformatics, Computer Science, Computational Biology or related discipline	
EXPERIENCE	<ul style="list-style-type: none"> • Knowledge of Python and development of pipelines for bacterial and viral genome analysis. • Knowledge of Biostatistics: R, ODE/PDE models with MATLAB applied to epidemiology and clinical research of microorganisms. • Knowledge of bioinformatics analysis platforms (e.g. Illumina, OxfordNanopore, etc). • Experience in SARS-CoV-2 variant analysis. 	
LANGUAGES	Minimum English B2 recommended, both spoken and written.	
OTHER	Participation in research projects	
CONTRACT INFORMATION		
TYPE OF CONTRACT	EXPECTED INCORPORATION DATE	JOB STATUS
Indefinite linked to line of research*.	October	Full (35h/week)
ANNUAL GROSS SALARY		DURATION OF THE CONTRACT
29.590,87 €		*It will depend on the duration of the project and the economic availability based on RDL8/2022.
WORK LOCATIONS		UNIT/DEPARTMENT
Marqués de Valdecilla University Hospital - IDIVAL		Microbiology Service
OFFER DESCRIPTION		
Research support technician		
DESCRIPTION OF THE TASKS IN THE PROJECT		
<ul style="list-style-type: none"> • Participation in the design and development of protocols and procedures for the 		

<p>processing of data from the NGS laboratory.</p> <ul style="list-style-type: none"> • Bioinformatics analysis of the samples sequenced by the different NGS platforms of bacterial and viral genomes (SARS-CoV-2), as well as the microbiome of different biological samples. • Analysis of SARS-CoV-2 variants. • Reporting using data visualization techniques, in order to communicate the results clearly. 				
PRINCIPAL INVESTIGATOR / RESPONSABLE		RESEARCH GROUP		RESEARCH PROJECT
Jorge Calvo Montes		Epidemiology, Pathogenic and Molecular Mechanisms of Infectious Diseases and Clinical Microbiology		CSI19/02: Contract for research services for the development of the ATLAS study: Antimicrobial Testing Leadership and Surveillance.
RECRUITMENT INFORMATION				
SELECTION PROCESS STAGES (2)				EMPLOYMENT EXCHANGE
Pre-selection Interview: maximum candidates to be interviewed: 3. Report of the Selection Board Resolution				Yes
SELECTION BOARD				
<ul style="list-style-type: none"> • Jorge Calvo Montes, Principal Investigator • Galo Peralta, IDIVAL Management Director • Patricia Alvarez Ingelmo, HR Coordinator 				
VALUATION OF MERITS				
MERITS	EVALUATION	SCORE		MAXIMUM
Background in Bioinformatics, computer science, computational biology or related discipline	Curricular	Merit fulfillment	YES/NO	20
Knowledge of Python and development of pipelines for bacterial and viral genome analysis.	Curricular	Merit fulfillment	YES/NO	10
Knowledge of Biostatistics: R, ODE/PDE models with MATLAB	Curricular	Merit fulfillment	YES/NO	10

applied to epidemiology and clinical research of microorganisms.				
Knowledge of bioinformatics analysis platforms (e.g. Illumina, OxfordNanopore, etc).	Curricular	Merit fulfillment	YES/NO	10
Experience in SARS-CoV-2 variant analysis.	Curricular	Merit fulfillment	YES/NO	10
Knowledge of English	Curricular	Merit fulfillment	YES/NO	5
Participation in Research Projects	Curricular	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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