



Disclaimer: this Summary Sheet is provided for consultation and informational purposes only and has no legal value. Requirements, deadlines and procedures are governed exclusively by the official Call for Applications in the Italian-language, which is the only legally binding text. In the event of any inconsistencies or discrepancies, the Italian-language Call shall prevail.

SUMMARY SHEET OF THE CALL FOR APPLICATIONS No. 2026S12

JOB DESCRIPTION	Second-Level Research Technologist at the Department of Comparative Biomedicine and Food Science
NUMBER OF POSITIONS	1
APPLICATION DEADLINE	30.03.2026 – 2 p.m.
WORK LOCATION	Department of Comparative Biomedicine and Food Science
CONTRACT TYPE	Fixed-term (20 months), full-time employment contract – Second-level Research Technologist (former D3 pay grade)
SALARY AND BENEFITS	- Gross annual remuneration: € 33.002,63 consists of the following items: - basic salary (fundamental remuneration) as provided for by the National Collective Bargaining Agreement currently in force for the relevant pay grade (<i>Elevate Professionalità</i>): € 30.463,96 (annual amount for 12 months) + 13th monthly salary payment. - An accessory allowance shall be paid in addition to the gross annual remuneration, commensurate with the quality of the performance relating to the activities covered by the contract, on the basis of the assessment expressed by the persons responsible for the activities, up to a maximum of 20% of the gross annual remuneration, equal to € 6,932.40. The University of Padua also offers a comprehensive welfare system, including an individual University Welfare Account to be used for the purchase of services and products in different areas (2024 range: € 503 / € 1,006 net).
REQUIRED DEGREE	First-cycle degree or equivalent qualifications (the eligible degree classes are specified in Article 3 of the Call)
ADDITIONAL ADMISSION REQUIREMENT	Professional experience (minimum 2 years) carried out in public or private companies on experimental and bioinformatic analyses of microbial communities (analysis of metagenomic data)

DUTIES	The technologist will have to provide technical support in the management and analysis of bioinformatics data produced by active projects within the Department of Comparative Biomedicine and Food Science (BCA). In particular, the position involves the following duties: • organize and analyze biomolecular data produced by BCA Department projects, with priority given to genomics and transcriptomics data (preferably from eukaryotic organisms) generated by projects nearing completion in collaboration with national and international partners; • technically coordinate the integration of data obtained from different projects with the genomic and transcriptomic data generated during the activities of the National Center of Biodiversity and subsequent follow-up activities; • review, analysis and technical collaboration related to the research activities; provide technical support for the reporting, intermediate and final scientific reports of ongoing projects, and facilitate their intergation with data produceed within the research "National Biodiversity Future Center".
REQUIRED KNOWLEDGE	To perform these duties, the following professional abilities, knowledge and competencies are required: knowledge also through experience of bioinformatics, with particular regard to the different aspects of genomic analysis: • assembly and annotation of genomes both de novo and by reference; • analysis of metagenomic data and functional analysis of bacterial genomes; • ability to apply machine learning techniques to biological data; • network analysis and integration of "omic" data; • knowledge of statistical tools to analyze biodiversity of ecological communities; • ability to program with R or similar languages; • knowledge of the main metagenomic bioinformatics analysis software (as an example phyloseq, curatedMetagenomicData, kraken, metaphlan); • knowledge of basic principles of microbial and animal ecology; • knowledge of technical English (reference level B2).

EXAMINATION TESTS	The examination tests consist of: • a written test (max 30 points), that will focus on the following topics: - application and meaning of genomic and/or metagenomic data to ecological issues related to biodiversity; - bioinformatic analysis of metagenomic data produced from NGS platforms by means of dedicated software; - bioinformatic analysis of target sequencing for microbial communities with NGS platforms; - application of machine learning techniques to omic data; • an interview (max 30 points), that will focus on the following topics: - Knowledge of basic principles of microbial and animal ecology; - knowledge of pipelines for the management of NGS metagenomic data analysis; - knowledge of ecological indices for the description of microbiomes. The technical English language (reference level B2), will also be assessed. The tests are deemed passed with a score of at least 21/30 (equivalent to 7/10) in each of them.
EXAMINATION SCHEDULE	Examinations' calendar and locations will be notified on the University of Padova's Official Register (https://protocollo.unipd.it/albo/viewer) and on the University of Padova website at the following link: https://www.unipd.it/selezione-2026S12 starting from 2:00 p.m. on 31st March 2026. Publication of this calendar is to be considered as an official notification.
HOW TO APPLY	To participate in the competition, applicants must complete and submit the application through the online procedure.
CONTACTS	Technical and Administrative Staff Office – HR-Area Palazzo Storione Riviera Tito Livio no. 6 – Padua Telephone: 049 827 3159 – 3155 E-mail address: reclutamento.pta@unipd.it Office hours: - Monday to Thursday from 09:00 to 13:00 and from 14:30 to 16:30; - Friday from 09:00 to 13:00