



Gray School of  
Medical Sciences  
Gray Faculty of Medical  
& Health Sciences  
Tel Aviv University

## We're Hiring: Bioinformatics Scientists - 2 Positions

Gray Faculty of Medical and Health Sciences | Tel Aviv University

The **Gray Faculty of Medical and Health Sciences at Tel Aviv University** is seeking **two highly motivated and skilled Bioinformatics Scientists** to join its interdisciplinary research environment.

The two positions share a common bioinformatics foundation but differ in their primary research focus:

### **Position 1 - Faculty Bioinformatics Scientist | Gray School of Medical Sciences**

The Bioinformatics Scientist will support and lead data-driven research across the Gray School of Medical Sciences, collaborating with research groups in **basic and translational research programs**.

The role will focus on providing bioinformatics expertise across a broad range of research areas, including genomics, transcriptomics, clinical informatics, and systems biology.

#### **Responsibilities:**

- Analyze high-throughput omics data (RNA-seq, DNA-seq, single-cell, epigenomics etc.)
- Develop and implement computational pipelines and workflows.
- Collaborate with researchers on data analysis and interpretation.
- Contribute to publications, grant applications, and data visualization.
- Provide bioinformatics consultation and training to the School's PIs and students.

### **Position 2 - Bioinformatics Scientist | Gray Initiative for BRCA-Related Malignancies**

The Bioinformatics Scientist will join the **TAU-CBRC-Gray Research Initiative for BRCA-Related Malignancies**, a newly established interdisciplinary research initiative dedicated to advancing the understanding, prevention, and early detection of BRCA-related malignancies. The Initiative is supported by the **Gray Foundation's Donation** and aims to establish an international center of excellence in BRCA-related malignancy research, fostering close collaboration between basic scientists, computational biologists, and clinician-scientists.

#### **Responsibilities:**

- Analyze and interpret high-throughput omics data (RNA-seq, DNA-seq, single-cell, epigenomics, etc.) relevant to BRCA-related malignancies.
- Develop implement and optimize computational pipelines and workflows.
- Collaborate with multidisciplinary research teams on study design and data interpretation.
- Contribute to scientific publications, grant applications, and data visualization.
- Provide bioinformatics consultation and training for PIs and students participating in the Initiative.
- Contribute to the development of shared computational resources supporting BRCA-related malignancy research.

#### **Qualifications:**

- PhD in bioinformatics, computational biology, computer science, or related field with at least 5-year relevant experience.



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- Strong programming skills (Python, R, Bash).
- Experience with HPC/cloud computing environments.
- Proven experience in NGS data analysis, computational biology, and statistical modeling.
- **Excellent communication and teamwork skills.**
- Experience in cancer genomics (specifically BRCA-related genomic for Position 2), multi-omics analysis, or translational biomedical research is highly desirable.

#### **What We Offer:**

- A collaborative, interdisciplinary, **impact-driven** research community.
- Opportunities for scientific publications, collaboration, and career development.
- A staff scientist role at Israel's leading university in health innovation.
- A unique opportunity to contribute to the establishment of a leading bioinformatics program in BRCA-related malignancies research.

**Location:** Gray School of Medical Sciences, Tel Aviv University.

Please indicate in your application **which position you are applying for**, or whether you would like to be considered for both positions.

Please send your CV, a brief statement of interest, and contact information for 2 references to:

[yehuditc@tauex.tau.ac.il](mailto:yehuditc@tauex.tau.ac.il)