

## Postdoc research associate or Ph.D. student Ben-Gurion University of the Negev

Direct Link: <a href="https://www.AcademicKeys.com/r?job=261535">https://www.AcademicKeys.com/r?job=261535</a>
Downloaded On: Oct. 23, 2025 5:58am
Posted Aug. 22, 2025, set to expire Dec. 22, 2025

**Job Title** Postdoc research associate or Ph.D. student

**Department** Dept. of Biotechnology Engineering and Dept. of

**Physics** 

**Institution** Ben-Gurion University of the Negev

Beer-Sheva, , Israel

Date Posted Aug. 22, 2025

**Application Deadline** As soon as position is filled

Position Start Date October 2025 or later in the academic year

Job Categories Graduate Student

Post-Doc

Academic Field(s) Physics - General

Biology - Computational

Apply By Email rgranek@bgu.ac.il

**Job Description** 

I seek a highly qualified Postdoc or Ph.D. student, preferably with strong background in soft matter physics and statistical mechanics, for THEORETICAL research. Two research topics are currently available in my group:

1. Dynamics of active elastic networks with application to biosoft and cellular systems, e.g. chromatin. See, e.g., the following publications:

https://pubs.aip.org/aip/cha/article/34/11/113107/3318547

https://arxiv.org/abs/2504.16510 (J. Chem. Phys, in press)

2. Undulatory dynamics of highly viscous and viscoelastic biomembranes with application to flickering



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spectroscopy and neutron spin echo experiments (joint project with Prof. Petia Vlahovska, Northwestern University; colloboration with NSE researchers at NIST and ILL). See, e.g. the following publication:

https://www.pnas.org/doi/full/10.1073/pnas.2413557121

https://link.springer.com/article/10.1140/epje/s10189-023-00400-9

https://www.cell.com/biophysj/abstract/S0006-3495(24)03018-2

Level of stipend (salary) may vary in the range 6,000 - 8,000 NIS per month (net, currently 1,750 - 2,350 \$ per month), depending on the candidate level.

Please send applications to: rgranek@bgu.ac.il, mentioning the date you wish to start your position, and including the following documents:

- 1. CV
- 2. Degree certificates.
- 3. Transcripts of your studies.
- 4. Two reference letters.

Applicants must reside in, and have citizenship of, countries that have diplomatic relations with Israel in order to be able to obtain a VISA.

## **Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact** Prof. Rony Granek

Dept. of Biotechnology Engineering and Dept. of

**Physics** 



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