

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

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Posted Aug. 22, 2025, set to expire Dec. 22, 2025

<b>Job Title</b>	Postdoc research associate or Ph.D. student
<b>Department</b>	Dept. of Biotechnology Engineering and Dept. of Physics
<b>Institution</b>	Ben-Gurion University of the Negev Beer-Sheva, , Israel
<b>Date Posted</b>	Aug. 22, 2025
<b>Application Deadline</b>	As soon as position is filled
<b>Position Start Date</b>	October 2025 or later in the academic year
<b>Job Categories</b>	Graduate Student Post-Doc
<b>Academic Field(s)</b>	Physics - General Biology - Computational
<b>Apply By Email</b>	<a href="mailto:rgranek@bgu.ac.il">rgranek@bgu.ac.il</a>
<b>Job Description</b>	

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; collaboration 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](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](mailto: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.

### 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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