

Postdoctoral position in Cancer Computational Modeling  
at Johns Hopkins  
Johns Hopkins University

Direct Link: <https://www.AcademicKeys.com/r?job=253215>

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Posted Feb. 17, 2025, set to expire Jun. 17, 2025

<b>Job Title</b>	Postdoctoral position in Cancer Computational Modeling at Johns Hopkins
<b>Department</b>	Biomedical Engineering and Oncology
<b>Institution</b>	Johns Hopkins University Baltimore, Maryland
<b>Date Posted</b>	Feb. 17, 2025
<b>Application Deadline</b>	Open Until Filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Post-Doc
<b>Academic Field(s)</b>	Mechanical Engineering Engineering Physics Computer Science Chemical/Petroleum Bioengineering (all Bio-related fields)

**Apply By Email**

**Job Description**

Seeking an independent and motivated Postdoctoral Researcher in Dr. Popel's laboratory in the Departments of Biomedical Engineering and Oncology, The Johns Hopkins School of Medicine. The successful candidate will join a team that combines computational, experimental and clinical researchers using computational systems biology and quantitative systems pharmacology (QSP) to discover mechanisms of immunotherapies and conduct virtual clinical trials. Also strong interactions with pharmaceutical companies.

Specific skills include strong computational modeling from signaling pathways to tumor scales; knowledge of immunology and machine learning is a plus. Strong computer programming skills.

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Applicant must have a doctoral degree in biomedical engineering, chemical engineering, applied mathematics, computer science or equivalent with a demonstrated record of innovative scientific accomplishments as evidenced by first-author papers published or accepted in premier journals.

Qualified candidates must be able to work independently, demonstrate outstanding communication skills, have a strong commitment to science, and work well within a group.

Email CV and names of three references to: Dr. A.S. Popel, Dept. of Biomedical Engineering, School of Medicine, Johns Hopkins University, Baltimore, MD 21205. E-mail [apopel@jhu.edu](mailto:apopel@jhu.edu)

**EEO/AA Policy**

Johns Hopkins University is an Equal Opportunity Employer. All individuals are encouraged to apply.

**Contact Information**

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

**Contact** Dr. Aleksander S. Popel  
Biomedical Engineering and Oncology  
Johns Hopkins University  
Baltimore, MD 21205

**Contact E-mail** [apopel@jhu.edu](mailto:apopel@jhu.edu)