

Postdoctoral position in Computational Modeling of Cancer Immunotherapy at Johns Hopkins
(*Aleksander Popel*)

Departments of Biomedical Engineering and Oncology
Johns Hopkins University

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 and spatial QSP; agent-based modeling, ABM) to discover mechanisms of immunotherapies and conduct virtual clinical trials. 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.

Applicant must have a doctoral degree in applied mathematics, biomedical engineering, chemical engineering, 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.

US citizens, permanent residents or holders of an F1/OPT visa are preferable. Remote work is possible.

How to apply: 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

Johns Hopkins University is an Equal Opportunity Employer with a commitment to diversity. All individuals are encouraged to apply.