

Seeking: Post-doctoral fellow**Topics: molecular biology, nephrology, metabolism, physiology****Site: Parikh Laboratory****Institution: Beth Israel Deaconess Medical Center, Harvard Medical School****Location: Boston, Massachusetts, USA**

The Parikh laboratory at Harvard Medical School and Beth Israel Deaconess Medical Center in Boston is seeking a Postdoctoral Fellow who will lead NIH-funded projects to understand the molecular processes regulating homeostasis of NAD⁺. NAD⁺ regulation in metabolically active organs may be pivotal both for cell-autonomous functions during acute stress and for generalized physiological disturbances such as impaired organ function. The successful applicant will apply systematic functional screens (e.g., CRISPR) to identify central control mechanisms for NAD⁺ balance and will lead vertically integrated experiments to evaluate metabolism and physiology across cellular and in vivo models of acute stress.

Candidates must be enthusiastic, passionate and self-motivated with a commitment to career development. You will have the support of an organized Departmental Postdoctoral training program including opportunities to present your work and bi-annual review of a personalized Individual Development Plan with your primary mentor and a co-mentor to ensure that you are meeting career goals. The candidate must be able to independently and efficiently manage concurrent projects and while possessing a strong commitment to contributing intellectually and interpersonally toward a positive and stimulating lab environment.

18-month to 2-year minimum stay is highly desirable.

Required Qualifications:

1. Doctoral degree required.
2. Extensive experience in molecular biology, mammalian cell culture, manipulation of DNA and RNA in cells
3. Comfort with using or learning to use CRISPR and RNAi.
4. Excellent attention to detail and interpersonal, organizational, writing, and project management skills.
5. Strong organizational and data management skills.
6. Advanced technical computer skills as required for technical support specific to functional area and related systems.