An opening position of postdoctoral research fellow is available in Dr. Ke Yuan’s Lab (www.yuankelab.com) in the Department of Pediatrics at Boston Children’s Hospital/Harvard Medical School. Both positions utilize cutting-edge interdisciplinary research and aim to understand the critical role of vascular cells including pericytes during angiogenesis and abnormal vascular remodeling in pulmonary arterial hypertension (PAH) and other pulmonary vascular diseases.

Postdoctoral research fellow:
Highly motivated Ph.D. with a strong background in one or more of the following areas Cell/Molecular/Developmental Biology, Rodent(mouse/rat) Genetics, and related biomedical science fields are encouraged to apply. The candidate must also have enthusiasm, excellent critical thinking skills, a track-record of productivity as demonstrated by at least one first-author peer-reviewed publication, an ability to work well both independently and as part of a team, and proficiency in written and oral English communication. Prior experience with right ventricular pressure measurements in rodents, confocal, primary cell culture, bioinformatics (Single-cell sequencing, ChIP-seq) and data analysis, and CRISPR mediated genome editing would be an advantage.

What will we offer you:
A successful candidate will have the opportunity to lead independent and cutting-edge research projects with a world-class research facility while obtaining valuable experience with the relevant technology that prepares well for future positions in academia or industry. We will also provide a customizable curriculum, individual career development/support, and Interdisciplinary and collaborative research community.

To apply, please send 1) a cover letter with a brief statement of research experience and future proposed interests, 2) a detailed curriculum vitae to: ke.yuan@childrens.harvard.edu