

# Yale SCHOOL OF MEDICINE

## Vascular Biology Postdoctoral Research Position Vascular Biology and Therapeutics Program Department of Pediatrics

A vascular biology postdoc position is immediately available in the laboratory of Dr. Richard Pierce. Research in the Pierce group focuses on endothelial cell dysfunction in acutely critically ill children. Our work is highly translational and collaborative with immediate relevance to childhood diseases, such as shock, bronchiolitis, acute respiratory distress syndrome. We leverage samples from critically ill children to identify genetic and molecular targets to investigate in cultured primary human endothelial cells and *ex vivo* perfused organs. Open projects involve investigating the mechanisms of *trans*- and *para*-cellular endothelial permeability changes (capillary leak) in primary human endothelial cell cultures.

We are seeking highly self-motivated applicants with competence in standard cellular and molecular biology techniques, including human cell culture, genetic, protein, RNA, microscopy and FACS analysis. As a core member of the Pierce lab, you will be expected to work at the bench, interpret data, and troubleshoot experiments independently. Due to the translational aspect of our research, a drive for independent investigation, creativity, and excellent communication skills are required. Information about salary, benefits, and career development opportunities can be found at <https://postdocs.yale.edu/postdocs>.

Yale's Vascular Biology and Therapeutics (<https://medicine.yale.edu/vbt/>) and Human and Translational Immunology (<https://medicine.yale.edu/immuno/programs/hti/>) are unique, highly supportive and collaborative environments which combine the investigative strengths of outstanding laboratory-based faculty with strong interdisciplinary clinical teams. We will help you achieve your goals by continuous professional development and regular career progression sessions along with participation in seminars, annual retreats and programs within VBT, HTI and Yale School of Medicine. This is an excellent and supportive environment for a highly motivated candidate.

Interested applicants should send a brief statement of research interests, curriculum vitae, and contact information for three references to Richard Pierce, MD exclusively at the following address: [lisa.palmieri@yale.edu](mailto:lisa.palmieri@yale.edu) or Lisa Palmieri, Department of Pediatrics, 333 Cedar Street, PO Box 208064, New Haven, CT 06520-8064.

More information at <https://medicine.yale.edu/lab/pierce/> and @Pierce\_Vasc\_Lab

***Yale University is an Affirmative Action/Equal Opportunity Employer and strongly encourages applications from women, persons who identify with groups traditionally underrepresented in science and medicine, persons with disabilities, and protected veterans.***



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