

Postdoctoral Position in Heart and Lung Metabolism

A postdoctoral training position is available jointly in the laboratories of Gaurav Sharma, Ph.D. and Matthias Peltz, M.D., in the Department of Cardiovascular and Thoracic Surgery at UT Southwestern Medical Center to study intermediary metabolism and energetics in donor human hearts for transplantation, metabolism in lungs using Ex Vivo Lung Perfusion (EVLN) in preclinical model and donor human lungs, and clinical translation of hyperpolarized Carbon-13 MR spectroscopic imaging. The candidate's research topic is flexible and will be determined after discussion. [Our laboratory](#) has several exciting projects related to investigating metabolism in heart during hypothermic machine perfusion, and investigating metabolism in Ex Vivo Lung Perfusion and assessing metabolism in viable myocardium using hyperpolarized carbon-13 metabolic imaging.

Candidates must hold a recent Ph.D. and/or M.D. degree. Experience in thoracic surgery, heart and lung metabolism leading to publication in peer-reviewed journals is recommended. Experience in large animal surgery, heart and lung perfusion, and MR imaging and reconstruction is preferred.

Information on our postdoctoral training program, benefits, and a virtual tour can be found at <http://www.utsouthwestern.edu/postdocs>.

Interested individuals should send a CV, statement of interests, and a list of three references to:

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