Research Assistant Position
Harvard Medical School
Brigham and Women's Hospital
March 17, 2016

A research assistant position is available in the Division of Cardiovascular Medicine at Brigham and Women's Hospital and Harvard Medical School in the laboratory of Dr. Paul B. Yu (http://yulab.net)

Our laboratory performs translational research with the goal of understanding how context-sensitive bone morphogenetic protein (BMP) and transforming growth factor-β (TGF-β) signals are transduced by target cells, and how abnormalities of signal transduction and downstream regulation may lead to abnormal vascular cell function, pulmonary arterial hypertension, and musculoskeletal disease.

We have developed novel animal models of disease, chemical probes and experimental therapeutics geared towards understanding mechanisms of BMP and TGF-β signaling and treating vascular and musculoskeletal disease. Work from previous trainees has led to pre-clinical efforts that may lead to human trial studies in the short term.

Our work lies at the nexus of progenitor cell biology, chemical biology, cardiovascular physiology, and experimental pharmacology.

We welcome applications from highly motivated, independent and entrepreneurial-minded individuals with an interest in developing their skills in biology and science towards careers in the Health Sciences, including Medicine, Academic Investigation, or Drug Development. Previous trainees have launched successful careers following their work in the laboratory with Graduate School Ph.D. studies, Medical School and clinical training, Biotech and Pharma Industry positions, or Health Care Investing.

REQUIRED SKILLS AND EXPERIENCE
A recent undergraduate degree in Biological Sciences, Chemistry or Physics
Excellent written and verbal communication skills in English
Some experience with tissue culture, and molecular biology is preferred.
Excellent organizational skills

Interested applicants please send a cover letter, curriculum vitae and the names and contact information of at least 3 references to signaling@gmx.com.