

## **Research Assistant in Cardiovascular and Bone Biology at Brigham and Women's Hospital and Harvard Medical School**

The Yu laboratory, based in the Cardiovascular Division at BWH and Harvard Medical School, seeks a Research Assistant to work on projects focused on the role of Bone Morphogenetic Protein (BMP) signaling in cardiovascular and bone diseases. BMPs have critical roles in the regulation of vascular, cardiac and bone progenitor cells. Ongoing projects include studies of the cardiopulmonary system in genetically-modified mice, and the development of novel drug therapies for diseases caused by abnormal BMP signaling. Experience with cell biology, tissue culture, biochemical and molecular biology techniques is preferred.

This position is laboratory-based, but will also offer opportunities to work with patients in clinical research settings. This full time position will be ideal for individuals interested in future careers in medicine or science. This is a small and friendly laboratory group, and the research assistant will be supervised directly by the principal investigator. Salary is competitive and will depend upon experience. Hours will generally be 8:30 to 5 but may require some flexibility. BA or BS with Major in Biology and two-year commitment is preferred.

### **QUALIFICATIONS & SKILLS:**

- Bachelor's degree in Biological Sciences or Chemistry
- Excellent organizational, mathematical, communication, and critical thinking skills
- Prior experience in laboratory research and molecular biology helpful
- An interest in health sciences and disease-oriented translational research

### **RELEVANT REFERENCES:**

Yu PB et al., Nature Medicine 2008, 14(12):1363-9  
Yu PB et al., Nature Chemical Biology 2008, 4(1):33-41  
Hong CC et al., Cytokine Growth Factor Rev 2009, 20(5-6):409-18  
Steinbicker AU et al., Blood 2011, 117(18):4915-23.  
Derwall M et al., ATVB 2012, 32(3):613-22  
Mohedas AH et al., ACS Chemical Biology 2013, April ahead of print  
Bagarova J et al., Mol Cell Biol 2013, April ahead of print  
<http://vasculomorph.net/members/yu>

**CONTACT:** Please send a cover letter and resume to [bmprii@gmail.com](mailto:bmprii@gmail.com), and include references from at least 3 individuals who are familiar with your qualifications.