POSTDOCTORAL RESEARCH ASSOCIATE
Employer: HARVARD MEDICAL SCHOOL/Beth Israel Deaconess Medical Center
Location: Boston, MA

Harvard Medical School/BIDMC currently has available postdoctoral positions within the **Division of Hemostasis and Thrombosis**. The Division has a long-standing commitment to an interdisciplinary approach to the study of **blood coagulation, platelet and vascular biology**. Research opportunities within the division range from structural studies of blood clotting proteins to intravital videomicroscopy of thrombus formation in murine models. This postdoctoral training program is supported by a training grant from the National Heart Lung and Blood Institute of the National Institutes of Health. Current active research projects include:

Thrombus formation in vivo
Small molecule modulation of GPCRs
Molecular basis of platelet granule secretion
Xray structure of the urokinase receptor complexed to protein ligands
Regulation of tissue factor
Thiol isomerases in thrombus formation
NMR-determined structures of protein domains important to atherosclerosis and thrombosis
Protein receptors on endothelial cells

Faculty:

Dr. Bruce Furie
Dr. Barbara Furie
Dr. Robert Flaumenhaft
Dr. Natalia Beglova
Dr. Mingdong Huang
Dr. Jeffrey Zwicker

CORE FACILITIES
The Division of Hemostasis and Thrombosis maintains core facilities for modern molecular biology, protein chemistry and cell biology research. Laboratories include facilities for flow cytometry, laser-scanning molecular imaging, mass spectroscopy, NMR spectroscopy, fluorescence and UV spectroscopy, computer-based molecular graphics, and a specialized suite for studying *in vivo* thrombus formation using high speed confocal and widefield intravital microscopy.

ENVIRONMENT
The Division of Hemostasis and Thrombosis has a distinguished track record of training postdoctoral fellows for careers as independent investigators. Principle investigators within the Division are committed to mentoring and providing the skills needed for careers in biomedical research.

The division has a strong history of contributions in the areas of hemostasis and thrombosis as well as vascular biology. Division activities include weekly laboratory meetings and a weekly seminar series.

A broad range of collaborations has been facilitated by the location of the division at Harvard Medical School. The Division is located in the Center for Life Science adjacent to the Harvard Medical School campus. Intellectual growth is stimulated by a combination of lecture series, special seminars, and journal clubs.

WEBSITE
http://www.bidmc.org/Research/Departments/Medicine/Divisions/HemostasisandThrombosis.aspx

ELIGIBILITY
Applicants must hold an **M.D., Ph.D., or equivalent** and be a **U.S. citizen or permanent resident**. Prior experience in the field of hemostasis and thrombosis is NOT required. However, applicants should have a strong publication record.

The position is **available** to start **immediately,** but the start date is flexible.
TO APPLY
Please send CV and a list of three references to:
Robert Flaumenhaft, M.D., Ph.D.
BIDMC/Harvard Medical School
CLS, 939
3 Blackfan Circle
Boston, MA 02215
rflaumen@bidmc.harvard.edu
Phone: 617-735-4005
FAX: 617-735-4000