

Job Summary:

The roles of platelet microvesicles and microRNAs in thrombo-inflammation

A Postdoctoral fellow position is available for candidates to contribute to characterize the roles and mechanisms of platelet-derived extracellular vesicles and platelet microRNAs, in platelet-leukocyte interactions and immune responses in inflammatory settings of high clinical relevance. Approaches will include various *ex vivo* analysis of blood cell functions, cell biological studies of blood cell response, and *in vivo* models of thrombosis and inflammation. The candidate must have experience with molecular and cellular biology. A background in genetics, benign hematology/blood physiology, and experience with working with animal models will be viewed favorably. This position provides an excellent opportunity to grow scientifically and work with a dynamic group of investigators studying important and exciting aspects of vascular thrombosis and thrombo-inflammation.

<https://www.jefferson.edu/university/skmc/departments/medicine/divisions/hematology/team/goldfinger.html>

- Handling human blood and platelets
- Experience with western blotting and traditional cell and molecular biology techniques
- An understanding of biochemistry and pharmacology
- Ability to learn new biochemical and physiological techniques
- Ability to work independently
- Participate in supervision of graduate students
- Ability to present work at national meetings, prepare manuscripts for submission

Job Requirements:

Applicant should have a PhD in biology, molecular biology, cell biology, physiology, biochemistry, vascular biology, or a relevant discipline, and demonstrated expertise evidenced by a strong publication record. Applicants with a PhD or MD with relevant research experience and a strong interest in basic and translational research will also be considered. Minimum 2 to 3 year commitment.

Applicants should submit a cover letter explaining their scientific interest in the laboratory's work and a CV at www.jefferson.edu/hr and reference Job ID# 9256312. The last page of the CV should include the contact information (e-mail address and phone number) for three references.