



SCHOOL OF MEDICINE
Blood Research
Center

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

O 919-966-3311 | F 919-843-4896

Mary Ellen Jones Building | Suite 8008 | Campus Box 7035

116 Manning Drive | Chapel Hill, NC 27599-7035

Join our Team – We are looing for **Postdoctoral Research Scholars.**

The Antoniak lab focuses on preclinical models of different cardiovascular diseases with emphasis on the role of protease-activated receptors (PARs), coagulation proteases and platelets in innate immune responses during viral infections of the heart and lung.

Furthermore, the lab works on PARs in different cardiac injury models including chemotherapy-induced heart failure.

As a member of the **UNC Blood Research Center**, we are part of a highly collaborative, dynamic, and stimulating research group that makes feasible multidisciplinary research, ensuring an outstanding postdoctoral training experience.

Our group has open positions for two NIH-NHLBI-funded projects:

- 1) The role of blood coagulation, coagulation-dependent signaling and platelets in viral infections of the heart and lung including Cocksackievirus B3, H1N1 influenza A virus and coronavirus.
- 2) Coagulation-dependent signaling in chemotherapy-induced heart failure.

Experience in molecular and cellular biology as well as animal models of human diseases are desirable. Background in immunology, virology, or important cardiovascular diseases (heart failure models) is an advantage. Knowledge in blood coagulation, thrombosis, hemostasis, platelets, PAR or RNA virus biology is beneficial.

A strong background in cell culture, isolation of immune and cardiovascular cells, real-time PCR, ELISA, Western blots, biochemical assays, and mouse models are essential skills for the position. The successful candidate(s) will have a PhD, DVM or MD, excellent written and verbal English communication skills and publications in peer-reviewed journals. Eligibility to apply for NIH Training Grants is a distinct advantage.

For additional information please contact:

Silvio Antoniak, PhD
antoniak@email.unc.edu

<https://www.med.unc.edu/bloodresearchcenter/directory/silvio-antoniak/>



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL