

Academic Institutions

Hemophilia and Thrombosis Treatment Center, University of California San Diego (UCSD),
Department of Medicine, CA, USA

Disciplinary Specialty of Research

Proteomics, RNAseq and R-software, protein biochemistry and biology, molecular biology, immune histochemistry, coagulation assays, murine in vivo studies, human sample processing and translational science.

Description

The Hemophilia & Thrombosis Treatment Center, Department of Medicine, at the University of California San Diego (UCSD) is seeking a highly motivated PhD, MD, or PhD/MD to work in a translational hemostasis and thrombosis research lab studying the pathobiology of joint disease in hemophilia. The incumbent will work in the laboratory of Annette von Drygalski, M.D., Pharm.D. The ideal candidate should have interest in 1) protein biology and coagulation, applying a broad range of biological techniques, 2) analysis of RNAseq and/or proteomics data sets, and 3) animal models, ideally in the area of hemostasis/coagulation or arthritis research. Our goals are to study the pathobiology of hemophilic joint disease, as well as the effects of novel clotting factor and non-factor compounds for their effects on bleeding, iron handling, and inflammation in hemophilic joints.

Postdoctoral Fellow

The candidate should be able to take initiative and to work independently with appropriate supervision and guidance in a basic scientific, multi-disciplinary setting including protein biologists, imaging specialists, bioinformatics personnel and clinicians, combining basic scientific and translational aspects of disease. He or she will be responsible for in vitro and in vivo characterization of biological pathways involved in joint disease including analysis of RNAseq and proteomics data sets, utilizing animal models and human samples. Experience in, or interest to acquire knowledge in respect to bioinformatics analyses using R-software is essential. This postdoctoral fellowship will provide a unique opportunity to advance into the biological aspects of hemostasis and inflammation in hemophilic joint disease by studying novel compounds and paradigms in biological assays, large data set analyses and animal models. The Fellow will work with mice and human samples and develop a strong translational component for application in human disease.

Salary/Stipend Information:

Salary commensurate with NIH pay scale

Procedure to Apply:

Outstanding and highly motivated candidates with a PhD, MD, or MD/PhD should apply by email to Dr. Annette von Drygalski; avondrygalski@health.ucsd.edu

Skills and Knowledge Required:

Excellent written and verbal English communication skills are preferred. Ability to perform animal experimentation is a required part of the research. Expertise is desirable in protein biology, molecular biology, and/or bioinformatics.

Position Closing Date:

Open until filled.

Appointment Length/Period:

Two years. Extension beyond 2 years possible and dependent on funding.