PUBLIC HEALTH WEBINAR SERIES ON BLOOD DISORDERS

BRINGING SCIENCE INTO PRACTICE

The Division of Blood Disorders is proud to offer this webinar series, providing evidence-based information on new research, emerging issues of interest in blood disorders, as well as innovative approaches in collaboration.

My Life, Our Future: ADVANCING HEMOPHILIA CARE THROUGH GENOMICS

FEBRUARY 22, 2018 • 2:00–3:00PM ET

Barbara A. Konkle, MD

Bloodworks Northwest

- *Associate Chief Scientific Officer*
- *Director, Hemostasis, Platelet Immunology and Genomics Laboratory*
- *Associate Director, Washington Center for Bleeding Disorders*

University of Washington

- *Professor of Medicine*

This webinar is free and open to public health professionals, clinicians, and researchers who desire more information about hemophilia. Advance registration is required and the number of attendees is limited.

PLEASE PREREGISTER HERE:
http://bit.ly/GenoWeb
For more information please contact
Cynthia Sayers: cay1@cdc.gov

Hemophilia A and B are X-linked bleeding disorders that affect 1 in 5,000 male births. Many female relatives of males impacted by hemophilia are genetic carriers and may have bleeding symptoms. Hemophilia A and B result from DNA sequence variants in the *F8* and *F9* genes, respectively; these variants inform hemophilia inhibitor risk and bleeding severity. In 2012, surveys showed that only approximately one in five patients with hemophilia in the United States had *F8* or *F9* DNA analysis performed to provide more information about their disorder.

My Life, Our Future (MLOF) is a partnership between Bloodworks Northwest, the American Thrombosis and Hemostasis Network, the National Hemophilia Foundation, and Bioverativ (formerly Biogen), to fulfill this unmet need, providing free clinical DNA variant analysis and establishing a research repository. MLOF collaborates with people with hemophilia and their families as well as hemophilia treatment centers across the United States. As of January 2018, 11,355 patients, carriers, and potential carriers enrolled in the project, and more than three in four participants consented to provide samples and clinical data to the MLOF Research Repository.

In this webinar, Barbara Konkle, MD, the principal investigator for MLOF, will provide an overview of MLOF, share results of genetic analyses of participant samples, and discuss potential research advances through the MLOF Research Repository.

LEARNING OBJECTIVES:

1. Describe the structure of MLOF.
2. List two findings from initial *F8* and *F9* genetic analyses of MLOF samples.
3. Describe the MLOF Research Repository.

National Center on Birth Defects and Developmental Disabilities
Division of Blood Disorders

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