

# Britta Karlsson Educational Webinar Series

IFBLS is pleased to announce the latest webinar in our series of Britta Karlsson Educational Webinars:

# <u>Karyotypes to Bioinformatics: A</u> journey through the Past, Present, and <u>Future of Diagnostic Genetics</u>

### Wednesday, 12 March 2025 1:00 pm - 2:00 pm (Central Time USA)

(search the Time Zone in my country?)

Explore the evolution of diagnostic genetics from karyotyping to next-generation sequencing (NGS) platforms in this presentation.

We'll cover historical milestones, the transformation of karyotyping into an automated technique, and its role in diagnosing genetic conditions.

We'll delve into the integration of NGS diagnostic platforms and their significant impact on precision medicine. Discover how modern bioinformatics tools are revolutionizing genetic diagnostics.

Finally, we'll discuss the current advancements in technologies such as optical genome mapping (OGM) and long read sequencing along with the challenges and opportunities in integrating these advancements into clinical practice.

Join us for a comprehensive overview of the past, present, and future of diagnostic genetics.

Pre-registration is required to attend this free webinar.

Register early! Maximum capacity 500 registrants.

**Certificates of Attendance** will be emailed to participants (please allow 1-week delivery after the webinar).

# **Keynote Speakers:**



**Peter Hu, PhD, FACSc, FASAHP** School of Health Professions University of Texas MD Anderson Cancer Center Houston, Texas, USA



Vibhuti Srivastava, BS, MS, PhD School of Health Professions University of Texas MD Anderson Cancer Center Houston, Texas, USA

This 60-minute webinar is a great opportunity to learn from our international colleagues and apply their knowledge to your own practice.

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Visit the IFBLS website for more details www.ifbls.org

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We look forward to your participation in this event!

#### INTERNATIONAL FEDERATION OF BIOMEDICAL LABORATORY SCIENCE THE GLOBAL VOICE OF BIOMEDICAL LABORATORY SCIENTISTS

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