

SEMINAR

Indiana CTSI Access Technology Program presents:

“Twist Bioscience’s Methylation Detection System”

Speaker: Tim Farinholt, Ph.D., NGS Application Scientist
Twist Bioscience

Hosted by: Center for Medical Genomics
Director: Yunlong Liu, PhD
Indiana University School of Medicine

Friday, April 14
12:00 pm – 1:00 pm

Please register to receive the ZOOM meeting link:

<https://iu.zoom.us/meeting/register/tZcof-GrqDwtH9FD6ZcM0oVnl9-43j05Rpli>

Description: In this seminar, you will learn how Twist Bioscience is leveraging NEB’s enzymatic methylation conversion system, EM-seq, to empower epigenetic research. Twist’s robust probe design was modified to account for sequence changes post conversion, allowing pre-capture conversion, increasing library complexity.

Our new Human Methylome panel (123Mb) aims to provide expanded coverage compared to competing arrays while providing better data and being cheaper than WGBS. Twist also offers custom methylation panel designs for the ultimate flexibility in target enrichment. Come see how methylation detection with NGS can help call differential methylation statuses with increased limits of detection.

Disclosure Summary

The Access Technology Program provides investigators access and guidance in using novel technologies and Core Services. Services and views presented belong solely to the vendor; they do not necessarily reflect the views of the Indiana CTSI, Indiana University, Purdue University or University of Notre Dame.