

# BISB BOOTCAMP SUMMER SEMINAR SERIES

July 1st, 2021 | 12:00 PM PST – 1:00 PM PST

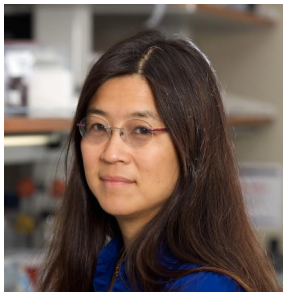
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## **BIGGER AND FINER DATA IN MOLECULAR ONCOLOGY TRANSLATIONAL RESEARCH**

**Olivier Harismendy, Ph.D.**

Olivier Harismendy is an Associate Professor of Medicine at UC San Diego in the Division of Biomedical Informatics and leads the Oncogenomics Laboratory at Moores Cancer Center. As an engineer and scientist, his main interest is developing genomics assays, computational analyses for precision oncology, and informatics solutions to organize, share and mine large biomedical datasets. His research has contributed to our understanding of the role of regulatory variation in human diseases through the innovation of methods to characterize the molecular and cellular heterogeneity of tumors and pre-cancerous lesions. He currently studies the contribution of epigenetic variation to cancer susceptibility, progression, and drug resistance.



## **STEM CELL GENOMICS: APPLICATIONS IN HUMAN DEVELOPMENT AND CONSERVATION**

**Louise Laurent, M.D. Ph.D.**

Louise Laurent is a Professor and the Vice-Chair for Translational Research in the Department of Obstetrics, Gynecology, and Reproductive Sciences at UC San Diego. After receiving her medical and doctoral degrees from the University of California, San Francisco, she completed her residency in Obstetrics and Gynecology and her fellowship in Maternal-Fetal Medicine at UC San Diego. Her research focuses on using stem cell and genomic approaches to understand early embryo development and normal and complicated pregnancy.