

# Research Seminar

THE SYDNEY BRENNER INSTITUTE FOR MOLECULAR BIOSCIENCE

at the University of the Witwatersrand  
presents

## Dr. Yosuke Tanigawa

Postdoctoral Associate, Massachusetts Institute of Technology, USA

***“Computational Genomics for Precision Medicine:  
Therapeutics, Polygenic Modeling, and Disease Subtypes”***



Dr. Yosuke Tanigawa is a Postdoctoral Associate at the Computational Biology Lab (PI: Prof. Manolis Kellis) at MIT Computer Science and Artificial Intelligence Lab. He develops statistical and computational methods for disease heterogeneity dissection, polygenic risk modeling, and therapeutic target discovery. His recent works focus on the cellular and molecular basis of disease heterogeneity in Alzheimer’s disease and inclusive training strategies for polygenic scores. He has received many awards for his research, including the Charles J. Epstein Trainee Awards for Excellence in Human Genetics Research from the American Society of Human Genetics and MIT Technology Review’s Innovators Under 35 Japan Award. Website: <https://yosuketanigawa.com/>.

WITS  
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FACULTY OF  
HEALTH  
SCIENCES

Monday 20<sup>th</sup> February 2023  
1:00 – 2:00 pm (SAST)

Venue: SBIMB Seminar  
Room, 9 Jubilee Road,  
Parktown, Johannesburg

**SBIMB**  
SYDNEY BRENNER INSTITUTE  
FOR MOLECULAR BIOSCIENCE

Virtual meeting will be held via zoom: [register here](#)  
(Link will be sent out once you have registered for virtual attendance)

For physical attendance RSVP to [jocelyn.gayenga@wits.ac.za](mailto:jocelyn.gayenga@wits.ac.za) 011 717 6631 (SBIMB)  
by 18 Feb 2023 at 13h00.