



# Glyco-core Symposium 2024

July 16<sup>th</sup>, 2024 (9:00~18:00)

at Toyoda Auditorium of Nagoya University, Aichi, Japan



[Registration & Poster Presentation Application ]  
<https://igcore.thers.ac.jp/symposium/2024/>



## [Special Talk]

Richard D. Cummings (Harvard Medical School)

Connecting Genetics, Glycomics, and Biological Functions of Glycans

## [Key Note Talk]

Masayuki Yamamoto (Tohoku University/ToMMo)  
Aim and Progress of Tohoku Medical Megabank Project



Kelvin Anggara (Max Planck Institute)  
Analyzing structures of glycans and glycoconjugates  
at single molecule level by direct imaging on surface

Matthew Macauley (University of Alberta)  
New tools to probe the ligands and functions of Siglecs



Minoru Yoshida (RIKEN)  
From Chemical Genetics to Drug Discovery

Salome Pinho (University of Porto)  
Glycans as master regulators of immune response in inflammation,  
autoimmunity and cancer: from disease prediction to therapeutic opportunities



Takeshi Iwatsubo (University of Tokyo / NCNP)  
Alzheimer's disease: molecular pathology  
and disease-modifying therapies

## [Invited Talk]

Jinichi Inokuchi (Osaka Univ, Japan)  
SIGLEC family gene polymorphisms including risk of disease onset in Japanese

Jennifer Kohler (Univ of Texas, USA/Nagoya Univ, Japan)  
Glycan recognition by bacterial toxins

Shinobu Kitazume (Fukushima Medical Univ, Japan)  
Brain-specific glycan on PTPRZ is a key player in glioma biology and diagnosis