

Themed Session/Workshop Abstracts

Glycoinformatics Workshop

Dates & Venue : 24 Oct. 15:05-16:35 Small Studio

Coordinated by:

Kiyoko F. Aoki-Kinoshita, Soka University, Japan

Rene Ranzinger, CCRC, University of Georgia, USA

Issaku Yamada, The Noguchi Institute, Japan

Structure: Invited talks (demos), Panel Discussion, or hands-on workshop

Workshop Description:

The Glycoinformatics workshop will be held in an interactive manner, after some short presentations by software and database developers. The content will cover basic glycan drawing tools/software, glycan format converters, followed by more in-depth analytical tools including GlycoMaple.

Benefits of the Workshop to attendees:

This Workshop will benefit researchers who would like to either (a) find information or references to glycan-related genes, proteins, lipids, lectins, pathways, diseases, etc. or (b) perform their own analysis on their data using the latest tools developed by the speakers, including machine-learning tools and Web tools for analyzing glycans and pathways, etc. After a set of invited talks by the developers of these databases and tools, the speakers can be directly asked questions regarding their data or tool during panel discussion. This will also be an opportunity for attendees to make requests for more data or tools that would be useful for their research; opportunities for new collaborations are possible.

Speakers:

Kiyoko F. Aoki-Kinoshita, Soka University, Japan

Rene Ranzinger, CCRC, University of Georgia, USA

Issaku Yamada, Noguchi Institute, Japan

Philip Toukach (online)

Thomas Lueteteke (online)