TEL AVIV UNIVERSITY
The Lowy International School

THE INSITUTE OF ADVANCED STUDIES המכון ללימודים מתקדמים

Distinguished Lectures



Dr. Jose Angél Danglad-Flores and Dr. Eric Sletten working at the Glyconeer 3.1, an automated glycan assembly device developed by Prof. Dr. Seeberger's research group. © MPICI

JOSHUA JORTNER
**DISTINGUISHED LECTURES IN CHEMISTRY**
Coordinator: Prof. Gil Markovich

# FUNDAMENTAL INSIGHTS INTO GLYCOSYLATION REACTIONS

## AS BASIS FOR AUTOMATED GLYCAN ASSEMBLY, VACCINES, THERAPEUTICS AND DIAGNOSTICS

Following fundamental discoveries concerning all aspects of glycosylation reactions, automated glycan assembly (AGA) has developed into a reliable technology that allows for preparation of diverse oligo- and polysaccharides on a solid support employing a synthesizer. Access to ever more complex glycans enables investigations into the structure and function of polysaccharide materials, vaccines and diagnostics.



SPEAKER

**Prof. Dr.**
**Peter H. Seeberger**

**Director at the Max Planck Institute of Colloids and Interfaces, and the Founding Director of the Center for the Transformation of Chemistry (CTC), Germany**

His research spans topics from engineering to immunology and has been documented in more than 740 journal articles and more than 60 patent families. He is a Vice President of the German Research Foundation (DFG), *Editor-in-Chief of the Beilstein Journal of Organic Chemistry*, and a co-founder of several companies.

**SUNDAY, NOVEMBER 1, 2026**

**16:00**

**MELAMED HALL, SHENKAR PHYSICS BUILDING**

- The lecture will be delivered in English
- Academic Host: Prof. Doron Shabat

Scan for the full abstract and speaker bio >