



# UNIVERSITETET I OSLO

NFR FUGE programs GLYCONOR and the Consortium for Advanced Microbial Sciences (CAMST) together with CMBN are pleased to announce a

SPECIAL GUEST LECTURE

Friday March 28 at 12:00 noon

The lecture will be in Kristine Bonnevis Hus room 3213

**Dr. Mario Feldman**

University of Alberta and Alberta Ingenuity Centre for Carbohydrate Science, Edmonton, Canada.

"Engineering Protein Glycosylation in Bacteria"

## Background

Protein glycosylation is a pivotal element of biological systems because of its significant effects on protein properties and functions. Recently, heightened attention has been directed towards bacterial protein glycosylation systems because of the increasing frequency with which they are seen in pathogenic species as well as the enormous potential they hold for glycoengineering strategies. Dr. Mario Feldman was awarded a PhD under the supervision of Dr. Armando Parodi at the Leloir Institute in Buenos Aires, Argentina. During his thesis, he investigated the LPS biosynthetic pathway. He then took a first post-doc with Dr. Guy Cornelis (Biozentrum, Basel, Switzerland) working on type III secretion systems. He obtained further post-doctoral training at the Swiss Federal Institute of Technology (ETH Zurich, Switzerland) with Dr. Markus Aebi, studying *Campylobacter jejuni*'s protein N-glycosylation system. Currently he is investigating the enzymes and pathways involved in protein glycosylation and LPS biosynthesis in different bacteria.

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