

**The symposium will be held from April 6<sup>th</sup> – 8<sup>th</sup> within the ACS Spring 2021 meeting.**

This Symposium will encompass recent developments in all areas of glycosciences ranging from synthetic chemistry to the development and implementation of novel technological and therapeutic platforms for battling fatal diseases of the 21st century.

## List of Plenary Speakers\*

		PDT	CET (Italy)
<b>Tuesday April 6<sup>th</sup></b>			
Luigi Lay	Sweet side of immunology: Design and synthesis of neo-glycoconjugates for vaccines formulation	09:05	18:05
Cristina De Meo	Effect of O-Substituents in Chemical Sialylations	09:50	18:50
Roberto Adamo	Elucidation of structural carbohydrate epitopes to guide vaccine design	10:35	19:35
Chantelle Capicciotti	Chemical tools for probing and discovering glycan-protein interactions	11:20	20:20
<b>Wednesday April 7<sup>th</sup></b>			
Cristina Nativi	The cycloaddition way to anti-adhesion and antigenic thio-glycosides	09:00	18:00
Tania Lupoli	Exploring new modes of inhibition of bacterial chaperones	09:45	18:45
Francesco Peri	Synthetic, sugar-based Toll-like Receptor 4 (TLR4) modulators: new drug leads targeting infectious and inflammatory diseases	10:30	19:30
Joseph Barchi	Design of Novel Anticancer Agents Based on the Thomsen Friedenreich Tumor-Associated Carbohydrate Antigen	11:20	20:20
<b>Thursday April 8<sup>th</sup></b>			
Antonio Molinaro	The chemical diversity of microbial glycans	09:00	18:00
Anthony Serianni	Experimental Models of Saccharide Conformational Equilibria and Dynamics from Redundant NMR Spin-Couplings and Circular Statistics	09:45	18:45
Fabrizio Chiodo	Carbohydrate-Mediated “Innate” Considerations in Designing Vaccine-Candidates	10:30	19:30
Peter Andreana	Manipulating Glycans with Microwavable Activating Groups for Oligomer Assembly	11:30	20:30

*\* Additional short oral presentations will be given by students and post-docs*

For participation in the Symposium registration to ACS Spring 2021 is required.

<https://www.acs.org/content/acs/en/meetings/acs-meetings/registration/pricing.html>

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