

Program

Time: 8:00 a.m. to 6:00 p.m. Followed immediately with a cocktail reception.

Meeting location: Catamaran Resort Hotel & Spa; 3999 Mission Boulevard, San Diego

The Landmark Glycobiology Symposium a full day of cutting edge research in glycobiology, carbohydrate chemistry, and chemical biology and provide networking opportunities, stimulating scientific discussions, and novel ideas for collaborations. Including celebrating the longstanding contributions of Prof. James C. Paulson on the occasion of his 75th birthday.

8:00 a.m. to 8:45 BREAKFAST

8:45 a.m. Welcome / Opening Remarks
Matt Macauley; Christoph Rademacher; Landon Edgar

AM Session :

9:00 a.m. to 9:45 **Jim Paulson**
Biological Roles of Sialic Acids

9:55 a.m. to 10:07 **Yukishige Ito**
Toward Understanding the Glycoprotein Folding Cycle by Chemical Means

10:10 a.m. to 10:22 **Corwin Nycholat**
A Retrospective look at the Development of High-affinity Siglec Ligands

10:25 a.m. to 11:00 AM BREAK

11:00 a.m. to 11:12 **Fabian Pfrengle**
Synthetic Plant Glycans as Tools for Cell Wall Biology

11:15 a.m. to 11:27 **Carlo Unverzagt**
Semisynthesis of Glycoproteins and Proteoglycans

11:30 a.m. to 11:42 **Chi-Huey Wong**
Broadly Protective Low-Sugar Vaccines

11:45 a.m. to 11:57 **Christoph Rademacher**
Targeting Langerhans Cells

12:00 p.m. to 1:30 LUNCH

PM Session :

1:30 p.m. to 1:42	Matthew Macauley New Insight into the Biological Ligands of Siglecs
1:45 p.m. to 1:57	Brett Garabedian Glyco-Immune Checkpoint Therapies Targeting Cancer's Sweet Spot
2:00 p.m. to 2:12	Dikran Aivazian (Nighthawk Therapeutics) Precision B cell Silencing for Hypoimmunogenic Biotherapeutics and Targeting of Pathogenic B Cells in Autoimmune Disease
2:15 p.m. to 2:27	Landon Edgar New Dimensions in T cell Glycophysiology
2:30 p.m. to 3:00	PM BREAK
3:00 p.m. to 3:12	Elena Comelli Diet, Gut Microbiota and Growth: a Systems Approach
3:15 p.m. to 3:27	Robert de Vries Glycan Remodeled Erythrocytes
3:30 p.m. to 3:42	Soerge Kelm Good Guys, Bad Guys, Everyone Recognises Sialic Acids
3:45 p.m. to 3:57	Arun Datta Jim and I at Cytel and Scripps
4:00 p.m. to 4:12	Chika Kikuchi Adaptation of Human H3N2 Influenza Virus to Human Airway Glycome
4:15 p.m. to 4:30	Closing Remarks Matt Macauley; Christoph Rademacher; Landon Edgar
4:30 p.m. to 6:00	Happy Hour