



Friday, January 9, 2015

Foyer

Welcome

8:00 Continental Breakfast & Check-In  
8:55 – 9:00 Opening – **Jeff Esko**, University of California San Diego

Point Loma Room III

Session I

Chair: Jeff Esko

9:00 – 9:25 **Jeffrey Esko**, University of California San Diego  
9:25 – 9:50 **Kamil Godula**, University of California San Diego  
9:50 – 10:15 **Yu Yamaguchi**, Sanford-Burnham Medical Research Institute

Foyer

Coffee Break

10:45 – 11:10 **Linda C. Hsieh-Wilson**, California Institute of Technology  
11:10 – 11:35 **Nathan Lewis**, University of California San Diego  
11:35 – 12:00 **Mark Fuster**, University of California San Diego

12:00 – 12:15

Sponsor Introductions

12:15 – 1:30

Lunch, Poster Setup & Sponsor Exhibition

Point Loma Room II

Point Loma Room III

Session II

Chair: Hud Freeze

1:30 – 1:55 **Joseph Vinetz**, University of California San Diego  
1:55 – 2:20 **Nissi Varki**, University of California San Diego  
2:20 – 2:45 **Raymond Wang**, University of California San Diego

Foyer

Coffee Break

3:15 – 3:40 **Richard Gallo**, University of California San Diego  
3:40 – 4:05 **Bruce Macher**, San Francisco State University  
4:05 – 4:30 **Dirk Zajonc**, La Jolla Institute for Allergy & Immunology  
4:30 – 5:05 **Hudson Freeze**, Sanford-Burnham Medical Research Institute

5:05 – 6:30

Point Loma Room II

Poster Session & Sponsor Exhibition

Reception

Spirit of San Diego

Dinner Cruise

6:30 Boarding begins at Dock K  
7:00 Ship departs dock from Kona Kai Resort & Spa



Saturday, January 10, 2015

Foyer

Welcome

8:00 Continental Breakfast & Check-In

Point Loma Room III

Session III

Chair: Ajit Varki

8:35 – 9:00 **Ajit Varki**, University of California San Diego  
9:00 – 9:25 **Carlito Lebrilla**, University of California Davis  
9:25 – 9:50 **Minoru Fukuda**, Sanford-Burnham Medical Research Institute  
9:50 – 10:15 **Lars Bode**, University of California San Diego

Foyer

Coffee Break

10:45 – 11:10 **Pascal Gagneux**, University of California San Diego  
11:10 – 11:35 **Victor Nizet**, University of California San Diego  
11:35 – 12:00 **James Paulson**, The Scripps Research Institute  
12:00 – 12:25 **Yitzhak Tor**, University of California San Diego

Point Loma Room II

Lunch

2:00 Adjourn

**\*\*All talks are off-record\*\***

The 18<sup>th</sup> Annual San Diego Glycobiology Symposium is generously supported by the sponsors listed on the back folio.



## Next Generation Seminar Series

Introduced to SDGS in 2012, NextGen provides a mechanism for students and fellows with interest in the glycosciences to discuss their current research in a highly stimulating, non-intimidating environment. The model is based on the Gordon Research Seminar Series.



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The NextGen Seminar Series is generously supported by  
National Institutes of Health, UCSD Program of Excellence in Glycobiology  
Skills Development Core  
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Thursday, January 8, 2015

1:00	<b>Check-In</b>	<i>Pt. Loma III</i>
1:25	Opening – <b>Stevan Springer</b> , <i>U.C. San Diego</i>	
1:30 – 1:45	<b>Chrissa Dwyer</b> , <i>U.C. San Diego</i> Does Heparan Sulfate Storage Alter Nervous System Development in Sanfilippo Syndrome, MPSIIIA?	
1:45 – 2:00	<b>Corinna Landig</b> , <i>U.C. San Diego</i> The Human-Specific Pathogen <i>Neisseria gonorrhoeae</i> Engages Innate Immunoregulatory Siglec Receptors in a Species-Specific Manner	
2:00 – 2:15	<b>Peter Robinson</b> , <i>U.C. Berkeley</i> Live-Cell Imaging of Specific Protein Glycoforms by Proximity-Enhanced Bioorthogonal Ligation	
2:15 – 2:30	<b>Wenyong Tong</b> , <i>U.C. San Diego</i> Intranasal Enzyme Replacement Therapy in Mice	
2:30 – 2:45	<b>Lei Zhu</b> , <i>U. C. Berkeley</i> Functional and Structural Characterization of GT47 Glycosyltransferases in the Biosynthesis of Hemicellulose Xyloglucan	
2:45 – 3:00	<b>Mirko Zierke</b> , <i>University of British Columbia</i> Exploring Glycosidase Inhibitors as a Tool to Screen and Assay Glycan-Degrading Enzymes	
3:00 – 3:15	<b>Coffee Break</b>	<i>Pt. Loma Foyer</i>
3:20 – 3:35	<b>Jerry Fong</b> , <i>U.C. San Diego</i> Extracellular Hsp70 Modulates Innate Immune Responses in Opposing Directions by Engaging the Paired Receptors Siglec-5 and Siglec-14	
3:35 – 3:50	<b>Kristina Hamill</b> , <i>U.C. San Diego</i> Cellular Uptake of Guanidinoglycoside-Modified Liposomes	
3:50 – 4:05	<b>Matthew Griffin</b> , <i>CalTech</i> Long-Lived Glycan Engineering to Examine Extended Biological Processes	
4:05 – 4:20	<b>Marjoke Debets</b> , <i>U.C. Berkeley</i> Cellular Delivery of Unnatural UDP-Sugars as Substrates for Engineered ppGalNAcTs	
4:20 – 4:35	<b>Christopher Fisher</b> , <i>U.C. San Diego</i> Multivalent Glycomaterials for Study of Influenza A Specificity Towards Unique Glycan Presentations	
4:35 – 4:50	<b>Miriam Cohen</b> , <i>U.C. San Diego</i> 3D-Mucin Mimetic Beads Array for Screening Influenza Binding Specificity	
5:00	Closing – <b>Ann Lin</b> , <i>U.C. San Diego</i>	
5:00 – 6:30	<b>Social Mixer</b>	<i>Cabo Courtyard</i>