GLYCANS IN CELL COMMUNICATION

This meeting will cover a broad scope of topics involving the roles of glycans in cell communication, from host-pathogen interactions to functions of mammalian glycan binding proteins, glycomics and glycoinformatics.

Confirmed speakers

Ian Wilson  
(The Scripps Research Institute)  
Glycolipid binding and specificity by the CD1 family of immune receptors

Oscar Campetella  
(Universidad Nacional de General San Martin)  
Apoptosis, proliferative response and co-stimulatory effect induced by galectin-8 on T cells

Shie-Liang (Edmond) Hsieh  
(National Yang-Ming University)  
Targeting non-TLR receptor for the treatment of dengue hemorrhagic fever

Yvette Van Kooyk  
(Vrije University Medical Center)  
Glycomic profiling and glycan targeting of dendritic cells

Kenneth Ng  
(University of Calgary)  
Clostridium difficile toxin structure and glycan binding specificity

Angela Gronenborn  
(University of Pittsburgh)  
The CyanoVirin-N Homology family of lectins - structure, folding and sugar binding.

Dennis Burton  
(The Scripps Research Institute)  
Targeting the glycan shield of HIV in vaccine design

Thilo Stehle  
(University of Tuebingen)  
Structural and functional analysis of polyomavirus interactions with their ganglioside receptors

Terrence Tumpey  
(Centers for Disease Control and Prevention)  
Relevance of human and avian influenza virus binding specificity on infection and transmission in ferrets

Other planned events include:
- Poster sessions
- Open discussion forums for CFG subgroups and their Subgroup Leaders

For planning purposes – Please notify Anna Crie (annacrie@scripps.edu) if you are planning to attend. A detailed agenda will be sent to you prior to the meeting.