

Cystic Fibrosis Annual Retreat  
Thursday, August 27, 2015

**CF Research Development Program (RDP)  
and Research Translation Center (CFRTC)**

Program 8 a.m. – 5 p.m.

Dinner and Awards 5 – 7:30 p.m.

Talaris Conference Center

Seattle, Washington



|               |  |             |   |
|---------------|--|-------------|---|
| 8:00 – 8:30   | <b><u>Continental Breakfast</u></b>  | 1:30 – 3:00 | <b><u>Bacterial Pathogens (RDP Pilot and Fellows)</u></b>   |
| 8:30 – 8:40   | <b><u>Welcome and Introduction</u></b>   |             | <ul style="list-style-type: none"> <li><b>Rafael Hernandez, MD, PhD</b><br/><i>Efflux Pumps in Nontuberculosis Mycobacteria</i></li> <li><b>Maureen Thomason, PhD</b><br/><i>Characterization of quorum sensing regulated small RNAs in Pseudomonas aeruginosa</i></li> <li><b>Sandy Thao, PhD</b><br/><i>Molecular basis for slow growth of Pseudomonas</i></li> </ul> |
| 8:45 – 9:00   | <b><u>Core Services Highlights</u></b>   |             |   |
|               | <ul style="list-style-type: none"> <li><b>Jane Burns, MD</b></li> </ul>  |             |   |
| 9:00 – 10:30  | <b><u>CFTR Modulators (P30 and RDP Unique Opportunity Pilots)</u></b>  |             |   |
|               | <b>Introduction: Pradeep Singh</b>   | 3:00 – 3:15 | Break   |
|               | <ul style="list-style-type: none"> <li><b>Peter Jorth, PhD</b><br/><i>Effect of Ivacaftor treatment on P. aeruginosa</i></li> <li><b>Katie Hisert, MD, PhD</b><br/><i>Ivacaftor-induced proteomic changes suggest monocyte defects may contribute to the pathogenesis of cystic fibrosis</i></li> <li><b>Jim Bruce, PhD</b><br/><i>Specificity and selection of P. aeruginosa in the CF lung revealed through the population proteome</i></li> </ul> | 3:15 – 4:15 | <b><u>Microbiome (P30 and RDP Pilot)</u></b>  |
|               |  |             | <ul style="list-style-type: none"> <li><b>Samuel Miller, MD</b><br/><i>Gut microbiome in CF</i></li> <li><b>Donald Chi, DDS, PhD</b><br/><i>Multifactorial Dental Caries Risk Model for CF</i></li> </ul>   |
| 10:30 – 10:45 | Break  | 4:15 – 5:00 | <b><u>Lessons Learned from the Lumacaftor/Ivacaftor FDA Advisory Committee meeting</u></b>  |
| 10:45 – 11:45 | <b><u>Host Response (P30 Pilots)</u></b>   |             | <ul style="list-style-type: none"> <li><b>Bonnie Ramsey, MD</b>, Professor, Pediatrics</li> <li><b>Sonya Heltshe, PhD</b>, Assistant Professor, Pediatrics</li> <li><b>David Au, MD</b>, Professor Medicine and Pharmacy</li> <li><b>Ganesh Raghu, MD</b>, Adjunct Professor, Laboratory Medicine and Pulmonary and Critical Care</li> </ul>                            |
|               | <ul style="list-style-type: none"> <li><b>Anne Manicone, MD</b><br/><i>Macrophage function in CF</i></li> <li><b>Srinath Sanda, MD</b><br/><i>Role of Islet Amyloid and IL-1<math>\beta</math> Signaling in <math>\beta</math>-cell Loss in CFRD</i></li> </ul>  | 5:00 – 5:45 | <b><u>Drinks and Appetizers</u></b>   |
| 11:45 – 12:30 | <b><u>Keynote Speaker:</u></b>   | 5:45 – 6:00 | <b><u>Charlie Moore and Safeway Awards</u></b>  |
|               | <ul style="list-style-type: none"> <li><b>Jay Kolls, MD</b>,<br/>Director, Richard King Mellon Foundation Institute for Pediatric Research, Professor, Pediatrics and Immunology, University of Pittsburgh<br/><i>Th17 Cytokines and Mucosal Immunity in the Lung</i></li> </ul>   | 6:00 – 7:30 | <b><u>Dinner</u></b>  |
| 12:30 – 1:30  | Lunch  |             |   |