

# Rochester Oral Biology Research Conference

June 26-28, 2008

**Saliva and Salivary Gland Function**

*All seminars will take place in the Class of '62 Auditorium of the Kornberg Medical Research Building, 601 Elmwood Ave.*

## Thursday June 26

1:00-2:30	Registration
2:30-2:45	Opening Remarks/Housekeeping
2:45-5:45	<b>Session I: Salivary Gland Development and Maintenance</b>
	<b>Co-Chairs: Catherine Ovitt &amp; Kelly Ten Hagen</b>
2:45-3:15	<b>Monn Monn Myat</b> (Cornell): Salivary gland morphogenesis in <i>Drosophila</i>
3:15-3:45	<b>Kelly Ten Hagen</b> (NIDCR): The role of mucin-type protein glycosylation during development
3:45-4:15	<b>Mindy Larsen</b> (SUNY-Albany): Cell-cell and cell-matrix interactions in salivary gland development
4:15-4:30	Break
4:40-5:10	<b>Denise Faustman</b> (Harvard Medical School): Reversal of Sjögren's-like syndrome from NOD mice to humans?
5:10-5:40	<b>Catherine Ovitt</b> (Univ Rochester): Postnatal salivary gland progenitor cells
5:45-7:00	Dinner
7:15-8:00	<b>Keynote Speaker - Lawrence A. Tabak Lectureship</b>
	<b>Bruce Baum</b> (NIDCR): Gene therapy for radiation-induced salivary gland damage

## Friday June 27

8:00-8:45	Breakfast
9:00	<b>James Melvin</b> (Univ Rochester): Recognition of Abstract Awards
9:00-12:00	<b>Session II: Cell Signaling in Epithelial Cells</b>
	<b>Co-Chairs: David Yule &amp; Indu Ambudkar</b>
9:00-9:30	<b>James Sneyd</b> (Auckland): Part I - A systems biology approach to signaling
9:30-10:00	<b>David Yule</b> (Univ Rochester): IP3-Ca <sup>2+</sup> signaling

10:00-10:30	<b>Trevor Shuttleworth</b> (Univ Rochester): Ca <sup>2+</sup> entry pathways
10:30-10:45	Break
10:55-11:25	<b>Stephen Soltoff</b> (Beth Israel Deaconess Medical Center): Salivary gland signaling cascades
11:25-11:55	<b>Indu Ambudkar</b> (NIDCR): Function of TRP channels in Ca <sup>2+</sup> entry
12:00-1:00	Lunch
1:00-2:30	Poster Session: Co-chairs and Poster-Abstract Judges: <b>Maria Kukuruzinska</b> (Boston Univ), <b>Mira Edgerton</b> (SUNY Buffalo), <b>Anil Menon</b> (Univ of Cincinnati)
2:45-5:45	<b>Session III: The Epithelial Fluid Secretion Mechanism</b> <b>Co-Chairs: Ted Begenisich &amp; Shmuel Muallem</b>
2:45-3:15	<b>Edmund Crampin</b> (Auckland): Part II - A systems biology approach to secretion
3:15-3:45	<b>James Melvin</b> (Univ Rochester): Cl channels and fluid secretion
3:45-4:15	<b>Ted Begenisich</b> (Univ Rochester): K channel function / interaction of Slo and IK1
4:15-4:30	Break
4:40-5:10	<b>Shmuel Muallem</b> (UT Southwestern): Ca <sup>2+</sup> entry in Ca <sup>2+</sup> signaling and disease
5:10-5:40	<b>Marshall Montrose</b> (Univ Cincinnati): Epithelial barrier and GI function
5:45-7:00	Dinner
7:15-8:00	<b>Keynote Speaker – William H. Bowen Lectureship</b> <b>Larry Tabak</b> (NIDCR): How Ira's protein led me down a sugar coated trail
8:00-9:00	Reception
<b>Saturday June 28</b>	
8:00-8:45	Breakfast
9:00-12:00	<b>Session IV: Saliva – Biomarkers / Structure and Function</b> <b>Co-Chairs: Daniel Malamud &amp; Stefan Ruhl</b>
9:00-9:30	<b>Daniel Malamud</b> (NYU): Update on oral-based diagnostics for systemic diseases
9:30-10:00	<b>Ignacio Sanz</b> (Univ Rochester): B cells and the salivary glands. Biomarker applications
10:00-10:30	<b>Stefan Ruhl</b> (SUNY-Buffalo): A proteomics-based search for bacterial recognition sites in human saliva
10:30-10:45	Break
10:55-11:25	<b>Libuse Bobek</b> (SUNY-Buffalo): Antimicrobial activity of MUC7 peptides

11:25- 11:55	<b>Michel Koo</b> (Univ Rochester): Saliva-bacterial interactions - Influences on <i>S. mutans</i> biofilm formation
12:00	Boxed lunches available