May 1-2, 2008
JW Marriott Grand Lakes, Orlando, FL

**MAY 1, 2008**

1:00pm **Introduction**  
Marvin Fried, MD

**Moderators:** Pete Batra, MD, John Delgadillo, MD

1:05  
**Epithelial Gene Expression in Chronic Rhinosinusitis with and without Nasal Polyps**  
Sara Richer, MD, David Conley, MD, Robert Kern, MD, Robert Schleimer, MD  
Chicago, IL

1:12  
**The Effects of Endoscopic Sinus Surgery on Level of Fatigue in Patients with Chronic Rhinosinusitis**  
Nathan Sauffer, MD, Jess Macie, MPH, Alec Chester, MD, Timothy Smith, MD  
Portland, OR

1:19  
**Endoscopic Endonasal Transorbital Tumor Surgery**  
Adam Zanation, MD, Carl Snyderman, MD, Ricardo Carnau, MD, Armin Kassam, MD  
Pittsburgh, PA

1:26  
Discussion

**Moderators:** Jay Dutton, MD, Robert Kern, MD

1:33  
**Inducible Nitric Oxide Synthase Expression In Vitro Differs in Human Sinonasal and Bronchial Epithelial Cells**  
Bradley Otto, MD, Kazuyuki Chibara, MD, Barryn Ferguson, MD, Sally Wenzel, MD  
Pittsburgh, PA

1:40  
**Microarray analysis of distinct gene transcription profiles in non-eosinophilic chronic sinusitis with nasal polyposis**  
Spencer Payne, MD, Joseph Han, MD, Larry Borish, MD, Larry Steinke, MD  
Charlottesville, VA

1:47  
**Intra-cranial complications before and after endoscopic skull base defect repair**  
Richard Harvey, MD, Jacob Smith, MD, Sarah Wise, MD, Rockey Schlosser, MD  
Charlottesville, VA

1:54  
Discussion

2:01  
**Panel – Revision Endoscopic Sinus Surgery**  
Moderator: James Stankiewicz, MD

Panelists:

2:46  
Break with Exhibitors

**Moderators:** Todd Smith, MD, Todd Kingdom, MD

3:05  
**Peripheral Blood Mononuclear Cells from Allergic Fungal Rhinosinusitis Adults Elicit a TH2 Cytokine Response to Fungal Allergens**  
Amber Luong, MD, Laure Davis, Ph.D, Bradley Marple, MD, Martin Citardi, MD  
Cleveland, OH

3:12  
**Antigen-Specific IgE in Sinus Mucosa of Allergic Fungal Rhinosinusitis Patients**  
Sarah Wise, MD, Chadwick Ann, MD, Deanne Latthers, Ph.D, Rodney Schlosser, MD  
Atlanta, GA

3:19  
**Comparison of Transnasal Endoscopic and Open Craniofacial Resection for Malignant Tumors of the Anterior Skull Base: The University of Miami Experience**  
Jean Anderson Elucy, MD, Richard Vivero, MD, Kimberly Hoang, BS  
Coral Gables, FL

3:26  
Discussion

**Moderators:** Peter Catalano, MD, Todd Loehr, MD

3:33  
**The Investigation of Several Anti-Biofilm Treatments Using an In-vivo Animal Model**  
Peter J. Wiorwald, MD, Alisis Psaltis, MD, Tong Le, MD  
Woodville, Australia

3:40  
**Correlating Patient Symptom Scores with Radiographic Scores in Chronic Rhinosinusitis: The Impact of Gender and Disease Type**  
Jeff Cunningham, MD, Brian Matthews, MD  
Winston Salem, NC

3:47  
**Results of Endoscopic Maxillary Mega-Antrostomy in Recalcitrant Maxillary Sinusitis**  
Do-Yeon Cho, MD, Peter Hwang, MD  
Stanford, CA

3:54  
Discussion

**Moderators:** Kathleen Yaremchuk, MD, Stillanos Kountakdis, MD

4:01  
**The Role of Desmosomal Junctions in Nasal Polyposis**  
Jodi Zukerman, MD, John Delgadillo, MD, Charles Moore, MD, Charles Parkos, MD  
Atlanta, GA

4:08  
**Effect of treatment with zileuton in patients with chronic rhinosinusitis with nasal Polyposis**  
Patrizia Massa, MD, Suberny Das, MD, Stilianos Kountakdis, MD  
Augusta, GA

4:15  
**Retrospective cohort analysis of two types of sellar and parasellar mass resection: trans-nasal endoscopic approach with endoscopic excision versus trans-septal approach with microscopic excision**  
Thomas Higgins, Jr., MD, Daniel Karakas, MD, Singh Ran Vijay, MD, Joseph Han, MD  
Norfolk, VA

4:22  
Discussion

4:30  
**Masters in Rhinology – Nasal Polyps “How I Remove Nasal Polyps and Open the Sinuses”**

4:45  
Discussion

**MAY 2, 2008**

8:00  
**Development of a low cost endoscopic sinus surgery trainer**  
Randy Leung, MD, Jerry Leung, MD, Adam Dubrowski, Ph.D, IanWitterick, MD  
Toronto, Canada

8:07  
**Combined Image Guidance and Intraoperative Computed Tomography in Facilitating Endoscopic Orientation Within and Around the Paranasal Sinuses**  
Sarah Wise, MD, Richard Harvey, MD, Patrick Sheehan, MD, Rodney Schlosser, MD  
Atlanta, GA

8:14  
**Balloon Catheter Dilatation for Frontal Sinus Ostium Stenosis in the Office Setting**  
Amber Luong, MD, Pete Batra, MD, Samer Fakhri, MD, Martin Citardi, MD  
Cleveland, OH

8:21  
Discussion

**Moderators:** Roy Casiano, MD, James Stankiewicz, MD

8:28  
**Reversible Loss of Neuronal Marker Protein Expression in a Transgenic Mouse Model for Sinusitis-associated Olfactory Dysfunction**  
Justin Turner, MD, Lindsey May, BS, Randall Reed, Ph.D, Andrew Lane, MD  
Baltimore, MD

8:35  
**Clinical Utility of Intraoperative Volume CT Scanner for Endoscopic Sinonasal and Skull Base Procedures**  
Pete Batra, MD, Seth Kanczuk, MD, Martin Citardi, MD  
Cleveland, OH

8:42  
**Frontal sinus preservation in anterior skull base surgery**  
Aimee Singh, MD, Vijay Anand, MD, Theodore Schwartz, MD, Jeff Greenfield, MD  
New York, NY

8:49  
Discussion

**Moderators:** Peter Hwang, MD, Brent Senior, MD

8:56  
**In vivo Effects of Citric Acid/Zwitterionic Surfactant (CAZS) cleansing solution on sinus Mucosa**  
Naom Cohen, MD, Edwin Tamashiro, MD, Marceo Antunes, MD, Alexander Chiu, MD  
Philadelphia, PA

9:03  
**The Lund-Mackay Staging System for Chronic Rhinosinusitis and Its Relationship to Nasal Polyposis, Asthma and Atopy.**  
Aaron Pearlman, MD, Rakesh Chandra, MD, David Conley, MD, Robert Kern, MD  
Chicago, IL
9:10  Endoscopic Anatomy of The Petrous Carotid Artery  
Lee Zimmer, MD, Catherine Hart, MD, Philip Theodosopoulos, MD  
Cincinnati, OH  

9:17  Discussion  

9:24  Controversies in Rhinology  
A. Osteoplastic Flap  
B. Modified Lothrop  

9:52  Break with Exhibitors  

Moderators: Stephanie Joe, MD, Andrew Lane, MD  

10:15  Detection of biofilms from patients with chronic sinusitis using an electronic nose  
Erica Thaler, MD, Naom Cohen, MD, Dan Huang, Ph.D, C. William Hanson, MD  
Philadelphia, PA  

10:22  Nasal airway patency during REM and non-REM sleep  
Luc Morris, MD, Joseph Jacobs, MD, Richard Labowitz, MD, Kelvin Lee, MD  

10:29  Prospective Evaluation of the Nasoseptal Flap for Endoscopic Anterior Skull Base Reconstruction  
Adam Zanation, MD, Carl Snyderman, MD, Ricardo Carrau, MD, Amin Kassam, MD  
Pittsburgh, PA  

10:36  Discussion  

Moderators: Neil Bhattacharyya, MD, Michael Setzen, MD  

10:43  Chitin stimulates eosinophilic inflammation in chronic rhinosinusitis with polyps  
Andrew Lane, MD, Ashley Laleker, BA, Murugappar Ramanathan, MD  
Baltimore, MD  

10:50  Olfactory Dysfunction in Allergic Rhinitis  
Joel Guss, MD, Laurel Doghramji, RN, Alexander Chiu, MD  
Philadelphia, PA  

10:57  Use of New Pharmacologically Active Middle Meatal Stent  
Peter Catalano, MD, Spencer Payne, MD, Tamara Rimash, MD, Ami Chitalia, BS  
Burlington, MA  

11:04  Discussion  


Moderator, Sanjay Parikh, MD  

“Evidence Based Indications for Pediatric Sinus Surgery”  
Richard Rosenfeld, MD  

“Pediatric Chronic Rhinosinusitis 2008 – The Role of Adenoids, Biofilm, Reflux, CD, IgG”  
Harlan Muntz, MD  

“Conservative and Extended Techniques – Where Are We Today?”  
Rodney Lusk, MD  

“Post Operative Care”  
Hassan Ramadan, MD  

12:00  Business Meeting