

Posters

Poster Hours: Sunday, 9/21, 10:00 am - 6:00 pm; Monday, 9/22, 7:30 am-6:00 pm;
Tuesday, 9/23, 7:30 am-6:00 pm and Wednesday, 9/24, 7:30 am-1:00 pm

Facial Plastic and Reconstructive Surgery (4)

- R400Effects of Silicone Gel Sheet on Scar Formation
- R401Anti-Aging Compounds and Epidermal Effects on Mouse Skin
- R402Profilometry and Skin Histology with Anti-wrinkle Agents
- R403Epidermal Proliferating Cell Nuclear Antigen in Aging Rats

Head and Neck Surgery (20)

- R404Regulatory T Cells and Clinical Outcome in HNSCC Patients
- R405Laser Welded Transluminal Repair of Rabbit Esophageal Injury
- R406Treatment of Squamous Cell Carcinoma of the Hypopharynx
- R407Prognostic Factors in Salvage Surgery
- R408Management of the Parathyroid Carcinoma
- R409Apigenin and Kaempferol Effects On Oral Cancer FADU Cells
- R410Immunosuppressive Properties Of Tonsil-Derived MSCs
- R411FISH of Salivary Tumors to Enhance Diagnostic Accuracy
- R412Role of KITENIN in Progression and Metastasis of SCC
- R413KITENIN Enhances Invasion and Metastasis in FOM Cancer Model
- R414Nasopharyngeal Undifferentiated Carcinoma: Study of 46 Cases
- R415Recurrence Of Nasopharyngeal Angiofibroma (NPF) Study
- R416Bipolar Cautery: Sunderland Third Degree Nerve Injury Model
- R417The Akt Pathway as a Biomarker in Carcinogenesis
- R418Temsirrolimus Preferentially Targets Tumor Microenvironment
- R419Surgery with Molecular Fluorescence Imaging Guidance
- R420Radiation Induces TGF-B and Blocks MyoD Causing Fibrosis
- R421Ubc9: A Novel Marker of Lymph Nodes Metastases in SCCHN
- R422EMMPRIN as a Novel Target in Head and Neck Cancer
- R423Electrochemical Dissolution of Salivary Calculi
- R424Suppression of HNSCC with Liposomal Curcumin and Cisplatin
- R425Association of CD44 v6 and v10 Isoforms In HNSCC Progression
- R425-A.....Altered Nuclear Receptor Expression in Head and Neck SCCA
- R425-BpEGFR is a Prognostic Biomarker in Patients With HNSCC
- R425-CPrognostic Roles of Cks1 in Salivary Gland Tumors
- R425-DSerum Cytokine Levels in HPV-Positive Cancer
- R425-ESmall Cell Cancer of the Larynx and Hypopharynx

Laryngology (7)

- R426Muscle-Nerve-Muscle Neurotization of the Rat Larynx
- R427Mechanism Producing Subglottic Air Pressure While Swallowing
- R428Evaluation of an Endoscope With an Ultra-wide Field of View
- R429Irradiation Changes MyHC Expression in Rat Larynx
- R430Glycogen Depletion for Study of Neuromuscular Connectivity
- R431Current Practice in Laryngeal Videostroboscopy
- R432Gene Expression of the Remodeling Rat Vocal Fold Wound
- R432-A.....Topoisomerase Tissue Microarray Analysis in Larynx Cancer

Otology/Neurotology (20)

- R433The Anterior Epitympanum
- R434The Round Window
- R435Stapedius Muscle Relations To the Facial Canal
- R436Association Between Chronic Otitis Media and Otosclerosis
- R437Sonotubometry With Perfect Sequences in Pathologic Ears
- R438Medication Effects on Vestibular Rehabilitation in PTMAD
- R439Effect of Resistance-Compliance Changes in Fluidic Systems
- R440Generation of Neuron-Like Cells in Spiral Ganglion Cultures
- R4413D Finite Element Model for Perilymphatic Fistula
- R442Antioxidant Therapy Prevents Presbycusis In C57BL6 mice
- R443Organotypic Co-Culture of Spiral Ganglion and Organ of Corti
- R444Deposits in Semicircular Canal in Meniere's Disease
- R445Expression of Proliferative Markers in Cholesteatoma
- R446Rostral Cochlear Nucleus Changes After Cochlear Ablation

- R447Temporal Bone Histopathology in Acute Lymphocytic Leukemia
- R448Phex Mutation Causes Sensorineural Deafness in Mice
- R449The Role of DPZF in Inner Ear Development and Function
- R450Manganese Superoxide Dismutase in Spiral Ganglion Cells
- R450-A.....In Vivo Quantitation of LPS-Induced Bone Resorption
- R450-BPannexin Expression in the Cochlea of Mammals

Pediatrics (4)

- R451Pediatric Pneumococcal Mastoiditis and Serotype 19A: Update
- R452Nasopharyngeal Yolk Sac Tumors: A Rare Pediatric Occurrence
- R453Cryoballoon Dilatation of Tracheal Stenosis
- R453-A.....A Comprehensive Review of NP Biofilms in Recurrent AOM

Practice Management (1)

- R454Antibiotic Prophylaxis In Otorhinolaryngology

Rhinology (8)

- R455Effect of Glucocorticoid on the MUC4 Gene
- R456Managing Nasal Polyps with Minimally Invasive Surgery
- R457Paranasal Aerosol Delivery of Budesonide Using PARI VibrENT
- R458Drug Delivery to the Sinuses- Basics and Aerosol Dynamics
- R459Relation Between SPA and Symptoms of Patients With AR and NP
- R460Increased Expression Of PEDF In Allergic Rhinitis
- R460-A.....Role of Nox4 in Oxidative Stress-Induced MUC5AC Expression
- R460-BThe Effect of Histamine on CBF in Allergic Rhinitis

Sleep Disorders (2)

- R461Role of the Larynx in the Respiratory Reflex Evoked by CPAP
- R462Anatomic Characteristics of Tongue Coblation

To learn more, visit www.entnet.org/annual_meeting

Register for the AAO-HNS/F 2008 Annual Meeting & OTO EXPO

Registration opened Monday, May 5. We encourage all prospective attendees to register as soon as possible for the Annual Meeting to take advantage of reduced registration fees and to avoid waiting in long lines onsite. Attendees can register online until August 18, 2008.

Important Dates:

- Registration and housing open: May 5, 2008
- Last day to register at discounted rate: July 21, 2008
- Advanced registration deadline: August 18, 2008
- Housing deadline: August 18, 2008

Registration Fees and Policies

Your registration fee for the Annual Meeting includes the following:

- Access to all Guest Lectures, Scientific (Clinical Research) and Translational & Basic Research Program Sessions

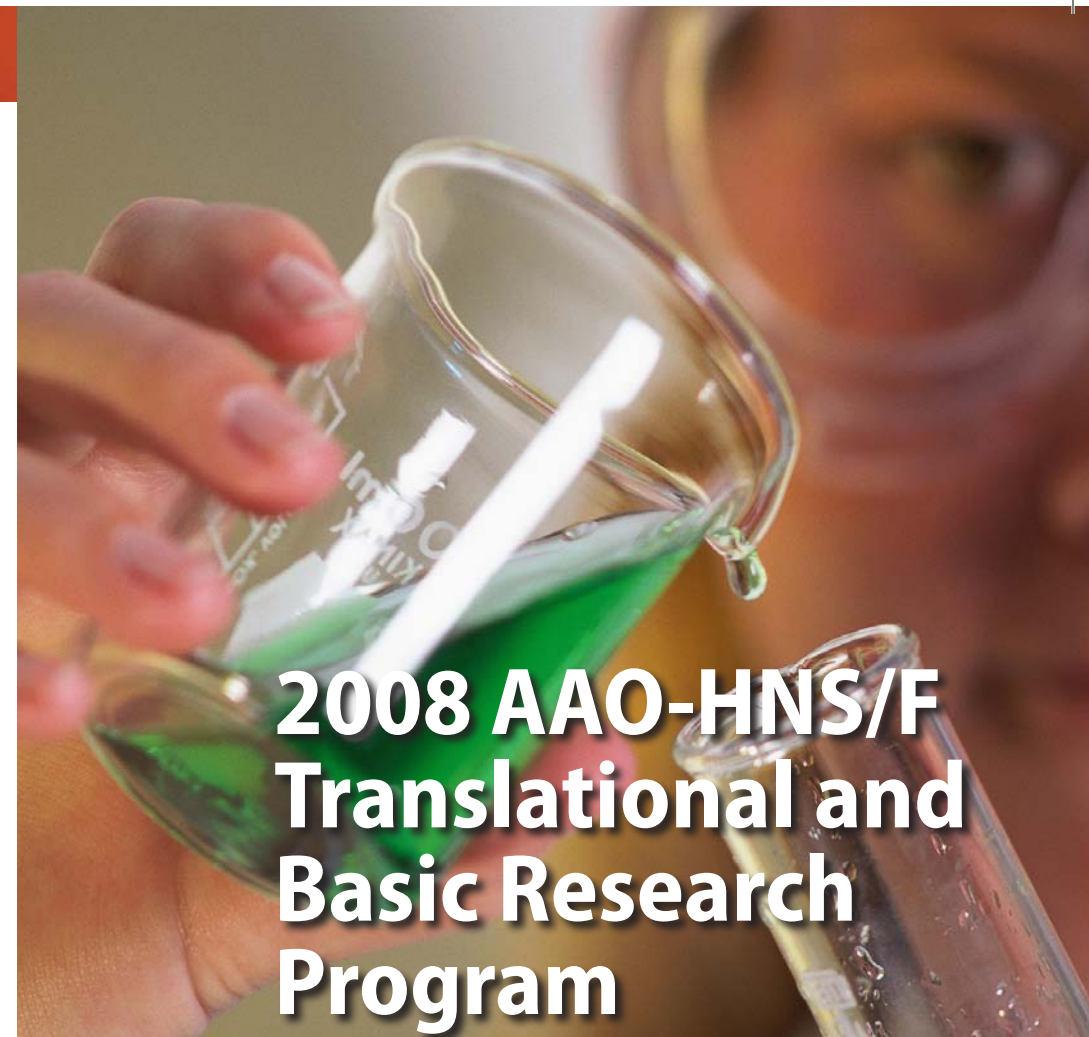
- Entrance to the OTO EXPO
- Access to the Complimentary Shuttle Service to and from the official AAO-HNSF hotels and the McCormick Place Convention Center
- Entrance to the Opening Ceremony and President's Reception

Members—Current 2008 Dues Must Be Paid

Resident/Fellow in Training/Affiliate	\$275
All Other Members	\$895

Non-Members

Otolaryngologist	\$1,295
Other Physicians	\$1,295
Resident/Fellow in Training	\$525
Registered Nurse	\$525
Allied Health	\$525
Audiologist	\$525
Medical Student	\$525
Nonmedical Office Staff	\$525



2008 AAO-HNS/F Translational and Basic Research Program

AAO-HNSF Annual Meeting & OTO EXPO
September 22 – 24, 2008

Includes Translational and Basic Research:

- Oral Presentations
- Mini-Courses
- Posters



American Academy of Otolaryngology—Head and Neck Surgery Foundation
Working for the Best Ear, Nose, and Throat Care

The AAO-HNS/F Annual Meeting & OTO EXPO is the world's largest gathering of otolaryngologists, together with the world's largest collection of products and services for the specialty. The 112th Annual Meeting & OTO EXPO in Chicago is expected to draw more than 8,500 attendees and more than 300 exhibitors.

The AAO-HNS/F's 2008 annual meeting program offers otolaryngologists and other interested health professionals a series of unique and dynamic educational experiences designed to broaden and enrich their understanding of otolaryngology—head and neck surgery and to provide a foundation for continued learning. The annual meeting's program format includes Scientific and Translational & Basic Research sessions, instruction courses, mini-courses, and posters. The information contained in this brochure focuses solely on the Translational & Basic Research program. To learn more about the Scientific program, visit www.entnet.org.

2008 AAO-HNS/F Translational and Basic Research Program

Formerly known as the "Research Forum," the Translational & Basic Research Program provides physician-scientists an opportunity to share their basic research results with their peers. Sessions consist of eight-minute oral presentations, each followed by a 2-minute open discussion allowing for interaction between presenters and attendees.

NEW! In addition to the standard oral presentations and posters, the Translational & Basic Research Program is launching a Translational Research Mini-Program that will allow participants to see the translation from basic science to clinical practice. The goal of this session is to engage a broader audience and help facilitate networking between physicians and scientists. This year, this new mini-program will focus on otology, specifically, on the hair cell and hearing loss genetics and how basic research has enhanced the therapeutic strategies that are available today to treat hearing loss.

The 2008 AAO-HNS/F Translational & Basic Research Program was developed under the guidance of John S. Oghalai, MD, AAO-HNSF Research Forum Co-chair, Daniel J. Lee, MD, ARO Research Forum Co-chair, and David L. Witsell, MD, MHS, Academy Research Coordinator.

Sunday, September 21, 2008

Pediatrics Oral Presentations

Moderators: Kristina W. Rosbe, MD, and Leila A. Mankarious, MD

- 10:30 am.....RF062 Fgf8 Is Necessary for Normal Frontonasal Development
- 10:40 am.....RF064 Jagged 1 Is Necessary for Palatal Arterial Development
- 10:50 am.....RF052 Growth Factors in Infantile Hemangiomas
- 11:00 am.....RF142 Hydrogel and Polyester Ventilation Tubes in an Animal Model
- 11:10 am.....RF090 Alterations in Immunity after Total vs. Partial Tonsillectomy
- 11:20 am.....RF079 Enlarged Vestibular Aqueduct in Pediatric SNHL
- 11:30 am.....RF041 Evaluation of the PEAK PlasmaBlade for ENT Surgery

Sleep Disorders Oral Presentations

Moderators: Peter G. Michaelson, MD

- 11:40 am.....RF063 Effects of Humidification on a CPAP Experimental Rat Model
- 11:50 am.....RF070 The Impact of Olfactory Stimulation on Dreams

Monday, September 22, 2008

Laryngology Oral Presentations

Moderators: Andrew McWhorter, MD, and Jacob Pieter Noordzij, MD

- 8:00 amRF106 Nerve-Induced Rabbit Phonation: Temporal Phonation Stability
- 8:10 amRF135 Localization of Phonation Integration Center in Rabbits
- 8:20 amRF112 Model for Examining Recovery of Phonation after Nerve Damage
- 8:30 amRF036 RNAi Suppress VEGF, TERT, and Bcl-xl in HEp-2 Cells
- 8:40 amRF061 GM-CSF-mediated Amplification of Airway Fibrosis

- 8:50 amRF024 Effect of Allergens and Tobacco Smoke on Laryngeal Mucosa
- 9:00 amRF105 COX II Expression in Laryngeal Lesions
- 9:10 amRF076 Connexins Within the Rat Larynx

Otology/Neurotology Oral Presentations

Moderators: Nikolas H. Blevins, MD, Daniel J. Lee, MD, Anthony Mikulec, MD, and Yael Raz, MD

- 9:20 amRF080 Atypical Pharyngitis in Suppurative Otitis Media Cases
- 9:30 amRF093 Volumetric Rendering of Human Inner Ear by MR Imaging
- 9:40 amRF044 Inflammation and Sudden Hearing Loss
- 9:50 amRF083 Cortical Processing of Pitch: Excitation or Inhibition?
- 10:00 am.....RF092 The Measurement of 2D Curvature of In-Vivo Human Ear Canal
- 10:10 am.....RF102 Cemented Titanium Ventilation Tube in the Chinchilla
- 10:20 am.....RF138 Middle Ear Packing: Comparison between Merogel and Gelfoam
- 10:30 am.....RF108 Anatomy of the Transarcuate Approach to the Petrous Apex
- 10:40 am.....RF098 Ototoxicity in Guinea Pigs: NO Levels in Cochlear Fluids
- 10:50 am.....RF086 Guinea Pig Ototoxicity with Hydrocodone and Acetaminophen
- 11:00 am.....RF129 Phase I and Animal Studies of the TACA Implanted Hearing Aid
- 11:10 am.....RF077 Cochlear Nerve Stimulation with Optical Radiation
- 11:20 am.....RF031 Cochlear Soft Tissue Imaging Using In-Line Phase Contrast
- 11:30 am.....RF110 Customized Electric Suppression of Tinnitus in CI Subjects
- 11:40 am.....RF139 Does Early Speech Discrimination Predict Language Ability?

Socio-Economic Oral Presentation

Moderators: Yael Raz, MD and Nikolas H. Blevins, MD

- 11:50 am.....RF107 The MD, MBA: Key to Cochlear Implant Program Survival?

Tuesday, September 23, 2008

Otology Translational Research Mini-Program NEW!

Introduction by James C Denny, III, MD, 2007-2008 AAO-HNS/F President

Moderator: John Oghalai, MD

Six presentations will walk the participant from the basic science and the components of a hair cell through therapeutic strategies to address hearing loss. The program will: 1. Update participants on the research one may have done as a resident; 2. Translate the science discussed into practical applications with clinical relevance and rationale; 3. Provide an overview of the genes that are linked to deafness; 4. Describe disease mechanisms; and 5. Discuss the potential for therapeutic intervention.

- 8:00 amMS107 Laying the Groundwork—Molecular Sleuthing
Presenter: Ulrich Mueller, PhD, Scripps Research Institute
- 8:30 amMS105 Fading Away: The Genetics of Age-related Hearing Loss/Presbycusis
Presenter: Rick Friedman, MD, PhD, House Ear Institute
- 9:00 amMS108 Prospects for Sensory Regeneration in the Vestibular System
Presenter: Mark Warchol, PhD, Central Institute for the Deaf, Washington University-St. Louis
- 9:30 amBreak
- 10:00 am.....MS109 Hair Cell Regeneration in the Vestibular System: A Model for Translational Research
Presenter: Hinrich Staecker, MD, PhD, Kansas University Medical Center
- 10:30 am.....MS106 Therapeutic Strategies to Treat Hearing Loss
Presenter: Richard JH Smith, MD, University of Iowa
- 11:00 am.....MS110 How Can We Overcome the Limits to Hair Cell Regeneration in Mammals?
Presenter: Jeffrey Corwin, PhD, University of Virginia

Head and Neck Surgery Oral Presentations

Moderators: Joseph Califano, MD, F. Christopher Holsinger, MD, Stephen Y. Lai, MD, PhD, and James W. Rocco, MD, PhD

- 8:00 amRF030 Complementary Test of Antibodies to EBNA-1 and EA for NPC
- 8:10 amRF056 Understanding EMT in HNSCC
- 8:20 amRF141 Molecular Classification of HPV-Associated Head Neck Cancer
- 8:30 amRF137 Molecularly Similarity of HNSCC from Different Subsites
- 8:40 amRF127 Detecting Aberrantly Methylated Genes in HNSCC Saliva
- 8:50 amRF058 IL10, An Independent Predictor of Outcome in HNSCC Patients
- 9:00 amRF029 Reirradiation After Surgery and Microvascular Reconstruction
- 9:10 amRF114 A Dynamic 3D Model of Hyoid Muscle Groups
- 9:20 amRF050 Oncolytic Vaccinia Virus Gene Therapy for HNSCC
- 9:30 amRF053 Immunomodulation of Vitamin D in Head and Neck Cancer
- 9:50 amRF057 Tonsillolith: Not Just a Stone But a Living Biofilm
- 10:00 am.....RF096 A Multiparametric Gene-Based Diagnosis Model for HNSCC
- 10:10 am.....RF019 Targeted Liposomal Paclitaxel Raises Tumor Vessel Leakiness
- 10:20 am.....RF136 Short-Term Culture and In-Vivo Modeling of Primary HNSCC
- 10:30 am.....RF072 Levels of Oxidative Damage in Thyroid Neoplasia
- 10:40 am.....RF013 Molecular Markers of Micrometastasis in OCSCCA
- 10:50 am.....RF100 Abrogation of PDGFR by STI571: Effect on PDGF/ VEGF in HNSCC

Rhinology Oral Presentations

Moderators: Noam A. Cohen, MD, PhD, and Eric H. Holbrook, MD

- 11:00 am.....RF111 Safety of Ethmoid Sinus Drug-Eluting Catheter Insertion
- 11:10 am.....RF026 Effectiveness of Honey on S.aureus and Paeruginosa Biofilms
- 11:20 am.....RF034 Electrophysiologic Features of Freshly Excised Nasal Tissue
- 11:30 am.....RF131 Chronic Rhinosinusitis Defined at Protein Levels
- 11:40 am.....RF069 In Vitro Study of Interleukin-5,-13,VCAM-1 in CRS
- 11:50 am.....RF005 The Leicester Olfactometer

Wednesday, September 24, 2008

Facial Plastic and Reconstructive Surgery Oral Presentations

Moderators: Paul L. Leong, MD, and Jeffrey H. Spiegel, MD

- 8:00 amRF095 Electrical Pacing of Paralyzed Orbicularis Oculi Muscle
- 8:10 amRF004 Frontal Sinus Posterior Table Fractures in a Goat
- 8:20 amRF049 Expression of VEGF and VEGF Receptors in Port-Wine Stains
- 8:30 amRF006 TGF-beta1 Targeting on MMP-Expression in Keloid Fibroblasts
- 8:40 amRF012 Stem Cells From New Sources for Cartilage Tissue Engineering
- 8:50 amRF021 Skeletal Muscle Regeneration: MSC versus Satellite Cells
- 9:00 amRF116 Tissue Engineered Human Septal Cartilage in a Murine Model
- 9:10 amRF037 Analysis of Flap Tension in Midface Surgery

Neel Distinguished Research Lecture—9:30 am

Introduction by James C Denny, III, MD, 2007-2008 AAO-HNS/F President

Moderator: John Oghalai, MD

Presenters: Blake Wilson, BSEE, and Richard T. Miyamoto, MD

Blake S. Wilson, BSEE, leader in speech processing units for cochlear implant, is widely regarded as one of the world's leading scientists in hearing research and restoring hearing loss. He and his coworkers have developed breakthrough technologies for treatments of deafness, including a speech processing strategy for cochlear implants used in most currently available implant systems. Practical examples by Academy past president Richard T. Miyamoto, MD.

2008 Research Awards Ceremony—10:30 am

The 2008 Centralized Otolaryngology Research Efforts (CORE) Grant recipients and winners of the GYRUS ACMI, ENT Division Clinical and Basic Science Research Paper prizes will be recognized.