

# Contents

Welcome Invitation.....	2
Cleveland, Ohio.....	3
Program Advisory Committee.....	6
Scientific Program.....	8-19
Social Program.....	21-22
General Information.....	23

# Welcome to Cleveland!



**Dear Colleagues:**

On behalf of the Politzer Board and the Program Advisory Committee, I extend my warm and cordial invitation to you for the 26th Politzer Society Meeting held in Cleveland, Ohio, USA on October 13-16, 2007.

The Politzer Society, the international society for otologic surgery and science, was founded in 1978 and incorporated as a non-profit educational organization in 1994. Its mission is to investigate, teach and promote medicine, surgery and rehabilitation of disorders of the ear and related structures. The last meeting in the United States was at Sun Valley, Idaho in 1982. The Cleveland meeting will offer a practical forum for otologists, neurotologists, and related scientists and allied health professionals to meet and discuss new developments in otology, neurotology, skull base surgery, aural rehabilitation and science.

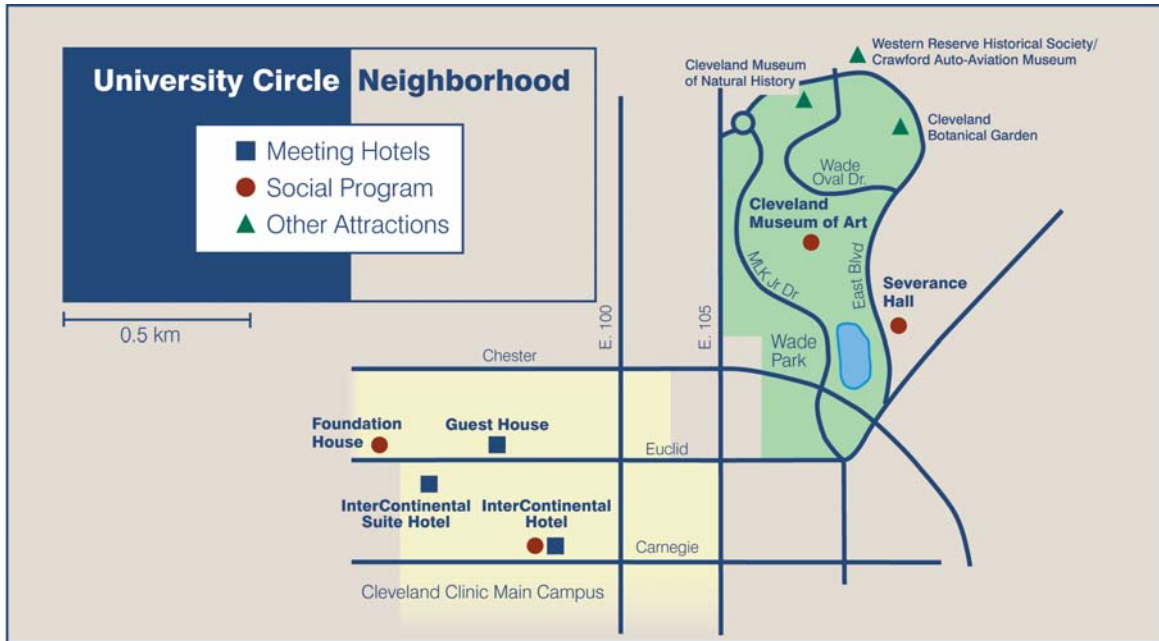
The Cleveland Clinic Head and Neck Institute is pleased to host this 26th Meeting of the Politzer Society. I know you will help make this meeting a great success. Welcome to Cleveland in 2007!

*Gordon B. Hughes*

**Gordon B. Hughes, M.D., F.A.C.S.**  
**President of the 26th Politzer Society Meeting**



# Cleveland, Ohio



Originally a frontier village founded in 1796 on the southern shore of Lake Erie, the City of Cleveland grew into a manufacturing and business center for northern Ohio, as well as a tourist and convention destination. It is the 16th largest metropolitan area and 15th largest consumer market in the United States with 2.9 million residents in the Greater Cleveland metro area and nearly 500,000 in the City of Cleveland, making it the 30th largest city in the country. The Pulitzer Meeting hotels are located on the Cleveland Clinic campus in the University Circle Neighborhood, a concentration of leading cultural, educational, medical and social service institutions. Neighborhood attractions include The Cleveland Museum of Art, The Cleveland Orchestra at Severance Hall, The Cleveland Museum of Natural History, Cleveland Botanical Garden, Western Reserve Historical Society/Crawford Auto-Aviation Museum, and others. Each year more than 2.5 million persons come to the Circle to work, learn, tour, receive care, and be enlightened and entertained.

*Convention and Visitors Bureau of Greater Cleveland*  
[www.travelcleveland.com](http://www.travelcleveland.com) and [www.universitycircle.org](http://www.universitycircle.org)

## Social Venues



Cleveland Botanical Garden  
 Courtesy of Jennie Jones Photography



Rock and Roll Hall of Fame and Museum



Severance Hall



The Cleveland Clinic Foundation House

# Cleveland Clinic



Crile Building and Cole Eye Institute



Lerner Research Institute



Taussig Cancer Center

The Cleveland Clinic is one of the nation's great hospitals and research centers. In 2006 the state-of-the-art medical center ranked 4th among the nation's best hospitals, according to *U.S. News and World Report*, with particularly high marks in otolaryngology, cardiology and heart surgery, digestive disorders, urology, and orthopedics. The not-for-profit, multispecialty academic institution emphasizes the importance of research and education in improving patient care, creating an atmosphere of innovation and excellence.

- Main campus has 41 buildings on 130 acres including a hospital and outpatient clinic, cancer center, eye institute, research institute, and supporting laboratories.
- Employs approximately 1,500 salaried physicians representing more than 100 medical specialties and subspecialties.
- Provides care for more than 7,500 patients every day, who come from every US state and 100 countries.
- Is located near Cleveland's historic University Circle.

## Head and Neck Institute



Professor and Chairman Emeritus Marshall Strome, MD created one of the finest departments in the country. The Institute's mission combines excellence in laboratory science with innovative patient care and teaching.

- 31 faculty physicians and scientists handled 92,000 patient visits and performed 5,250 surgical procedures in 11 medical centers in 2006.
- In 2006, ranked 9th in the United States and first in Ohio by *U.S. News and World Report*.
- Performed the world's first successful larynx transplant in 1999.
- New Hearing Implant Program specializes in cochlear implants, bone-anchored hearing devices and middle ear implants.
- Judith White, MD, PhD, Director of Vestibular and Balance Disorders, received the Nicholas Torok Award from the American Neurotology Society in 2006, for developing a new diagnostic test for superior canal dehiscence.

## A Few Cleveland Clinic Firsts:

- Isolation of angiotensin and serotonin (1940s)
- Pioneered conservative surgery for breast cancer (1950s)
- First coronary cine-angiography (1958)
- Development of coronary bypass surgery (1967)
- First minimally invasive heart valve surgery (1996)
- First successful larynx transplant (1999)
- Discovered first gene linked to juvenile macular degeneration (2000)
- Discovered first gene linked to coronary artery disease (2003)
- First robotic spine surgery (2005)



Main Campus



Crile Building



Arnold and Sydell Miller Family Pavilion  
Heart and Vascular Institute 2008



## Board of Directors

### President:

Jacques Magnan – France

### President-Elect:

O. Nuri Özgirgin – Turkey

### Past-President:

Mirko Tos – Denmark

### Secretary:

Gordon Hughes – USA

### Treasurer:

Cor Cremers – Netherlands

### Chairman, Program Advisory Committee:

Per Møller – Norway

and

Francisco Antoli-Candela – Spain

Roberto Filipo – Italy

Alec Fitzgerald O'Connor – United Kingdom

Klaus Jahnke – Germany

Chong Sun Kim – Korea

Hiroshi Moriyama – Japan

## Executive Committee

Jacques Magnan, Mirko Tos, O. Nuri Özgirgin, Gordon Hughes, Cor Cremers

## Politzer Prize Committee

Jacques Magnan, Mirko Tos, Paul van de Heyning, Rudolph Häusler

# Program Advisory Committee

**Congress President:**

Gordon Hughes, MD

**Chairman, Program Advisory Committee:**

Per Møller, MD

**Chairman Emeritus, Head and Neck Institute:**

Marshall Strome, MD



## Abstract Review Committee

### Europe

Klaus Jahnke MD, Germany; Jacques Magnan MD, France; Per Møller MD, Norway


### Asia

Chong Sun Kim MD, Korea; Nuri Özgirgin MD, Turkey; Naoki Yanagihara MD, Japan

### The Americas and Other Countries

Bruce J. Gantz MD, USA; Gordon B. Hughes MD, USA; Mansfield F. W. Smith MD, USA

# International Invited Faculty



Anniko M – Sweden  
Antoli-Candela F – Spain  
Arnold W – Germany  
Ars B – Belgium  
Atlas M – Australia  
Babighian G – Italy  
Baek M-J – Korea  
Bagger-Sjöback D – Sweden  
Bance M – Canada  
Baumgartner W – Austria  
Belal A – Egypt  
Black B – Australia  
Bonding P – Denmark  
Bordin S – Italy  
Bretlau P – Denmark  
Briggs R – Australia  
Chiong C – Philippines  
Chiossone E – Venezuela  
Colletti V – Italy  
Corvera J – Mexico  
Cremers C – Netherlands  
Croxon G – Australia  
Darrouzet V – France  
Dauman R – France  
Deka R – India  
De Souza C – India  
DeGroot J – Netherlands  
Djeric D – Serbia  
Filipo R – Italy  
Fisch U – Switzerland  
Fitzgerald O'Connor A – UK  
Frayse B – France  
Freigang B – Germany  
Frijns J – Netherlands  
Garcia-Ibanez E – Spain  
Gersdorff M – Belgium  
Gibson WPR – Australia  
Gjuric M – Croatia  
Goh EK – Korea  
Goycoolea M – Chile  
Grote J – Netherlands  
Han D – China  
Häusler R – Switzerland  
Helms J – Germany  
Hildmann H – Germany  
Hsu C-J – Taiwan  
Hultcrantz M – Sweden  
Hüttenbrink K – Germany  
Huy TB – France  
Ichikawa G – Japan  
Iurato S – Italy  
Jahnke K – Germany  
Kein L – Singapore  
Kerr A – Ireland  
Kim CS – Korea  
Kobayashi A – Japan  
Komune S – Japan  
Kubo T – Japan  
Laszig R – Germany  
Lee DM – Korea  
Lee IW – Korea  
Lenarz T – Germany  
Linder T – Switzerland  
Lüntz M – Israel  
Magnan J – France  
Martinez N – Philippines  
Mercke U – Sweden  
Moffat D – UK  
Møller P – Norway  
Moriyama H – Japan  
Müeller J – Germany  
Murakami S – Japan  
Nedzelski J – Canada  
Nomura Y – Japan  
Ödkvist L – Sweden  
O'Donoghue G – UK  
Offeciers E – Belgium  
Ogawa K – Japan  
Oh SH – Korea  
Oliveira C – Brazil  
Özgirgin N – Turkey  
Park H-M – Korea  
Passali D – Italy  
Patil N – Ireland  
Pauw B – Holland  
Pedersen C – Denmark  
Portmann M – France  
Portmann R – France  
Proops D – UK  
Quaranta A – Italy  
Ramos A – Spain  
Ramsden R – UK  
Rask-Andersen H – Sweden  
Rebol J – Slovenia  
Rhee CK – Korea  
Sade J – Israel  
Saim L – Malaysia  
Sakai M – Japan  
Sanna M – Italy  
Schmidt S – Switzerland  
Shiao A-S – Taiwan  
Somers T – Belgium  
Sterkers O – France  
Suarez H – Uruguay  
Sultan A – France  
Sziklai I – Hungary  
Takahashi S – Japan  
Tange R – Netherlands  
Thomsen J – Denmark  
Tjellstrom A – Sweden  
Tong M – Hong Kong  
Tos M – Denmark  
Trabalzini F – Italy  
van de Heyning P – Belgium  
van Hasselt A – Hong Kong  
Veldman J – Netherlands  
Weir N – UK  
Wulstein S – Germany  
Xenelis J – Greece  
Yagi T – Japan  
Yamamoto E – Japan  
Yanagihara N – Japan  
Yeh D – Taiwan  
Yung M – UK  
Zakzouk S – Saudi Arabia  
Zenner H-P – Germany  
Zini C – Italy

# Scientific Program

## Saturday October 13 InterContinental Hotel 3rd Floor Lobby

18:00 - 20:00

Registration and Welcome Reception

## Sunday October 14 Bank of America Conference Center

7:00 - 8:00

Continental Breakfast, 3rd floor lobby

8:00 - 8:10

Welcome: Jacques Magnan, MD, President, Politzer Society

Gordon B. Hughes, MD, President, 26th Politzer Meeting

8:10 - 8:20

Introduction of Guest of Honor by Jeffrey P. Harris, MD, PhD

8:20 - 9:00

Guest of Honor Ugo Fisch, MD: **Life Experiences in Otology**

9:00 - 9:10

Discussion

**Session Chairman** Peter C. Weber, MD

9:10 - 9:50

Guest Speaker Shuvo Roy, PhD: **Nanomedicine**

9:50 - 10:00

Discussion

10:00 - 10:20

Coffee Break

**Session Chairman** Naoki Yanagihara, MD

10:20 - 11:00

Guest Speaker William H. Slattery III, MD: **Middle Ear Implantable Hearing Devices**  
with Vittorio Colletti, MD: **Direct Round Window Stimulation**

11:00 - 11:10

Discussion

11:10 - 11:50

Guest Speaker Shingo Murakami, MD: **Acute Viral Facial Palsy: Diagnosis and Management**

11:50 - 12:00

Discussion

12:00 - 13:30

Lunch (Ballroom, 2nd floor InterContinental Hotel) Politzer Board meet in Room 203.

**Note: In the afternoon program, the Bank of America Conference Center will be divided into Hall A and Hall B. The Six Continents meeting room is located on the second floor.**

## Free Paper Podium Presentations

### Six Continents Room: Basic Science

**Session Chairmen: Hiroshi Moriyama MD, Cor Cremers MD**

13:30 - 13:45

**Genetic hearing loss**

Cor Cremers

13:45 - 14:00

**Giving mutant merlin a hand: potential medical management of vestibular schwannomas**

Mark Packer, Long-Sheng Chang, Abraham Jacob, Tina Lee, D. Bradley Welling

14:00 - 14:15

**The Walzing guinea pig: an animal model for clinical vestibular dysfunction**

Sachie Kawaguchi, Mats Ulfendahl, Mamoru Suzuki, Malou Hultcrantz

14:15 - 14:30

**Sacculocollic pathway dysfunction revealed by vestibular evoked myogenic potentials in mouse model with spontaneous endolymphatic hydrops**

Kianoush Sheykholeslami, Cliff Megerian, Quing Zheng

14:30 - 14:40

Discussion of previous four papers

- 14:40 - 14:55      **Autonomous robotic drilling of cochlear implant well**  
Ravi Samy, Albert Bosse
- 14:55 - 15:10      **SDHB, SDHC and SDHD mutations in head and neck paragangliomas**  
Franco Trabalzini, Gregorio Babighian, Francesca Schiavi, Giuseppe Opocher, Pietro Amista
- 15:10 - 15:25      **Ischemic hearing loss and its underlying mechanisms**  
Kiyofumi Gyo, Tadashi Yoshida, Kensuke Fujita, Shoichiro Takeda, Jun Hyodo
- 15:25 - 15:35      Discussion of previous three papers
- 15:35 - 15:50      Coffee Break

**Session Chairmen: Cuneyt Alper MD, An-Suey Shaio MD**

- 15:50 - 16:05      **Displacement pattern of the cupula under sinusoidal stimuli**  
Koji Otsuka, Mamoru Suzuki, Yasuo Ogawa, Taro Inagaki
- 16:05 - 16:20      **Vibration-induced nystagmus in patients with unilateral Meniere's disease and vestibular neuritis**  
Hong-Ju Park, Hyang Ae Shin, Jung Eun Shin
- 16:20 - 16:35      **Disease associated CD46 splicing variants and pathologic bone remodeling in otosclerosis**  
Tamas Karosi, Anita Szalmas, Jozsef Konya, Peter Csomor, Laszlo Szabo, Istvan Sziklai
- 16:35 - 16:45      Discussion of previous three papers
- 16:45 - 17:00      **Evolution in the training paradigm employed in resident-performed mastoidectomy**  
Myles Pensak, Ravi Samy
- 17:00 - 17:15      **Endolymphatic and perilymphatic space imaging in patients with inner ear diseases**  
Tsutomu Nakashima, Masaaki Teranishi, Makoto Sugira, Michihiko Sone,  
Hideo Hayashi, Shinji Naganawa
- 17:15 - 17:30      **Audiologic criteria and long-term results of hearing preservation after vestibular schwannoma removal**  
Bernard Pauw, Eelco Kummer, Marjan Wieringa, Cees Avezaat
- 17:30 - 17:40      Discussion of previous three papers
- 17:40                  Adjournment
- 19:00 - 22:30      **Evening at the Rock and Roll Hall of Fame and Museum**

**Hall A: Middle Ear, Inner Ear, Facial Nerve, Skull Base**

**Session Chairmen: Klaus Jahnke MD, Mohamed Hamid MD, PhD**

- 13:30 - 13:45      **Reporting results in ossiculoplasty: the dysfunctional stapes**  
Bruce Black
- 13:45 - 14:00      **Cartilage "shield" grafting in revision chronic ear surgery**  
Aristides Sismanis, Efthymios Kyrodimos, Kelley Dodson
- 14:00 - 14:15      **Lateralization and ear canal obliteration: classification and new therapeutic perspectives**  
Arnaud Deveze, Omar Bacha, Jean-Pierre Lavielle, Jacques Magnan

- 14:15 - 14:30      **Inside-out cholesteatoma surgery: A retrospective long-term analysis of 586 patients operated between 1992 and 2006**  
Rudolph Häusler, Thomas Roth
- 14:30 - 14:40      Discussion of previous four papers
- 14:40 - 14:55      **Contemporary role of endolymphatic mastoid shunt surgery in the era of transtympanic perfusion strategies**  
Myles Pensak, Ravi Samy
- 14:55 - 15:10      **The value of vestibular neurectomy in the course of bilateral Meniere's disease**  
Jacques Magnan, Arnaud Deveze, Stavros Mavroidakos, Jean-Pierre Lavielle
- 15:10 - 15:25      **Endolymphatic sac surgery for Meniere's disease: Long-term results after primary and revision surgery**  
Stephen Wetmore
- 15:25 - 15:35      Discussion of previous three papers
- 15:35 - 15:50      Coffee Break

**Session Chairmen: Roberto Filipo MD, James Holt MD**

- 15:50 - 16:05      **Pre-surgery vestibular ablation with gentamicin and vestibular "prehab" enhance postoperative recovery in pontine-angle surgery**  
Sven Lindberg, Babar Kahlon, Mikael Karlberg, Peter Siesjo, Mans Magnusson
- 16:05 - 16:20      **Quality of life issues in vestibular schwannoma patients**  
Per Møller
- 16:20 - 16:35      **Benign paroxysmal positional vertigo after mastoid surgery**  
Ja-Won Koo, Su-Kyoung Park, Sung Kwang Hong, Chong Sun Kim, Ji Soo Kim
- 16:35 - 16:45      Discussion of previous three papers
- 16:45 - 17:00      **The Scottish Bell's palsy study**  
Iain Swan, Frank Sullivan, Peter Donnan, Fergus Daly
- 17:00 - 17:15      **Surgical management of petrous apex cholesteatoma**  
Sun O Chang, Myung-Whan Suh, Hyung-Mi Kim, Young Ho Kim, Ju Ho Lee, Seung Ha Oh, Chong Sun Kim
- 17:15 - 17:30      **Noise-induced hearing loss in rock and roll performing artists**  
Daniel Siker
- 17:30 - 17:40      Discussion of previous three papers
- 17:40                  Adjournment
- 19:00 - 22:30      **Evening at the Rock and Roll Hall of Fame and Museum**

## Hall B: Otosclerosis, Implantable Hearing Devices

Session Chairmen: F. Antoli-Candela MD, Chong Sun Kim MD

- 13:30 - 13:45      **A personal sixty year chronological statistical review of 14502 cases operated on for otosclerosis**  
James S. Brown
- 13:45 - 14:00      **The effect of stapedial surgery in the bone conduction**  
Francisco Antoli-Candela, Alejandro Harquindey
- 14:00 - 14:15      **An analysis of the air-bone gap closure obtained by a crimping and a non-crimping titanium stapes prosthesis in otosclerosis**  
Rinze Tange, Wilko Grolman
- 14:15 - 14:30      **BAHA implant movements in a 9.4 Tesla magnetic field**  
Michael Fritsch, Ilka Naumann
- 14:30 - 14:40      Discussion of previous four papers
- 14:40 - 14:55      **Multicenter study of music perception with Nucleus cochlear implant**  
Jay Rubinstein, Ward Drennan, Jillian Crosson
- 14:55 - 15:10      **Round window and cochleostomy approaches for electrical-acoustic stimulation**  
Alec Fitzgerald O'Connor, Dan Jiang
- 15:10 - 15:25      **Expectations and choice of electrode for cochlear implant candidates with significant low-frequency residual hearing**  
Bernard Fraysse, Chris James, Olivier Deguine, Olivier Sterkers, Didier Bouccara, Alain Robier
- 15:25 - 15:35      Discussion of previous three papers
- 15:35 - 15:50      Coffee Break

**Session Chairmen: Noel Cohen MD, Hillary Brodie MD**

- 15:50 - 16:05      **Digisonic SP auditory brainstem implant: experience in NF2 patients**  
Franco Trabalzini, Gregorio Babighian, Renato Scienza, Giacomo Pavesi
- 16:05 - 16:20      **Cochlear implantation in Mondini deformity**  
Sandra DeSaSouza, Dillon Dsouza, Natasha Dsouza
- 16:20 - 16:35      **A 1-year follow-up study of cognitive functions in deaf children after cochlear implant**  
Seung Ha Oh, Min-Sup Shin, Myung-Whan Suh, Hyung-Mi Kim, Young Ho Kim, Jun-Ho Lee, Sun O Chang, Chong Sun Kim
- 16:35 - 16:45      Discussion of previous three papers
- 16:45 - 17:00      **Cochlear implants in the adolescent: Changing patterns**  
Noel Cohen, Janet Green, William Shapiro, Susan Waltzman
- 17:00 - 17:15      **Otologics fully implantable hearing device phase II preliminary results**  
Drew Horlbeck, Ben Balough, Michael Hoffer
- 17:15 - 17:30      **Early Observations in Childhood Development after Cochlear Implantation (CDaCI) Study**  
John Niparko, Laurie Eisenberg, Alexandra Quittner, Donna Thal, Emily Tobey, Nancy Fink, Nae-Yuh Wang, and the CDaCI Investigative Team
- 17:30 - 17:40      Discussion of previous three papers
- 17:40                Adjournment
- 19:00 - 22:30      **Evening at the Rock and Roll Hall of Fame and Museum**

# Scientific Program (Cont'd)

**Monday October 15** Bank of America Conference Center, InterContinental Hotel

**Note: Before we were otologists, we were otolaryngologists. This morning meet one of our specialty's most significant and unique achievements: the world's first and only successful larynx transplant patient.**

7:00 - 8:00	Continental Breakfast, 3rd floor lobby
8:00 - 8:20	Marshall Strome, MD: <b>Laryngeal Transplantation</b>
8:20 - 8:40	Douglas Hicks, PhD: <b>Serial Videostroboscopy of the Transplanted Larynx</b>
8:40 - 9:00	Guest of Honor Timothy Heidler: <b>World's first successful larynx transplant</b>
9:00 - 9:10	Discussion
9:10 - 9:20	Introduction of Guest Speaker by Bruce J. Gantz, MD
9:20 - 10:00	Guest Speaker Jeffrey P. Harris, MD, PhD: <b>Otoimmunology</b>
10:00 - 10:10	Discussion
10:10 - 10:30	Coffee Break

## Satellite Function: Storz Titanium Prosthesis Course

Instructor: Ugo Fisch, MD

Date: Monday October 15

Time: 10:30 am - 12:30 pm

Location: Temporal Bone Laboratory, University Hospitals, Cliff Megerian, MD, Director

Bus transportation will carry registrants to and from the InterContinental Hotel.

Interested persons should sign up at the Storz Exhibit desk.

## Politzer Prize Session chaired by President Jacques Magnan, MD

- 10:30 **Chemical genetics approach yields a novel class of compounds that protect mammalian hair cells**  
Felipe Santos, Anna Knisley, Julian Simon, David Raible, Edwin Rubel
- 10:40 **Robust post-mortem survival of murine vestibular and cochlear stem cells**  
Pascal Senn, Kazuo Oshima, Dawn Teo, Christian Grimm, Stefan Heller
- 10:50 **Ischemic tolerance in the cochlea**  
Shoichiro Takeda, Taschi Yoshida, Nobuhiro Hakuba, Jyun Hyodo, Kensuke Fujita, Ryuji Hata, Kiyofumi Gyo
- 11:00 **An analysis of time-dependent changes of neurotrophic factors (BDNF, CNTF) in traumatic facial nerve injury of a nerve-cut and nerve-crush model in rats**  
Sertac Yetiser, Erkan Kahraman, Bulent Satar, Serdar Karahatay, Hakan Birkent, Abdullah Durmaz:
- 11:10 **Regional distribution of manganese superoxide dismutase 2 (Mn SOD2) in the spiral ganglion cells of mice, rats, monkeys and humans**  
Yu-Lan Mary Ying, Carey D. Balaban
- 11:20 **Dexamethasone inner ear perfusion by intratympanic injection versus oral prednisone in unilateral idiopathic sudden sensorineural hearing loss: a two year prospective randomized trial**  
Marco Antonio Garduno-Anaya
- 11:30 **Effects of intra-endolymphatic sac application of large doses of steroids for intractable Meniere's disease: a randomized controlled trial**  
Tadashi Kitahara, Shin-Ichi Okumura, Takeshi Kubo
- 11:40 **Alternative surgical access for cochlear implantation**  
Valeriy Sitnikov, Margarita Levinina, Anatoliy Lopotko

# Scientific Program (Cont'd)

11:50-12:00 Discussion

12:00 - 13:30 Lunch (Ballroom, 2nd floor InterContinental Hotel) Pulitzer Board meet in Room 203.

## Monday October 15 Bank of America Conference Center, InterContinental Hotel

### Med-El Satellite Symposium with Lunch

Sponsor: Med-El

Date: Monday October 15

Time: 12:15 pm - 13:15 pm

Location: Room 204 InterContinental Hotel

Interested persons should sign up at the Med-El exhibit.

**Note: In the afternoon program, the Bank of America Conference Center will be divided into Hall A and Hall B. The Six Continents Room is located on the second floor.**

### Panels/Focused Discussion

3:30 - 15:00

#### Hall A

##### Glomus tumors

##### Moderators:

Bernard Pauw, MD  
Patrice Tran Ba Huy, MD

##### Panelists:

Ugo Fisch, MD  
Rick Friedman, MD, PhD  
Robert Jackler, MD  
Cliff Megerian, MD  
Julian Nedjelski, MD

#### Hall B

##### Cochlear implants

##### Moderator:

Chong Kim, MD

##### Panelists:

Robert Briggs, MD  
Alec Fitzgerald O'Connor, MD  
Bruce Gantz, MD  
Joachim Mueller, MD  
F Erwin Offeciers, MD  
Peter Weber, MD

Coffee Break

#### Six Continents Room

##### Chronic otitis media

##### Moderator:

O. Nuri Özgirgin, MD

##### Panelists:

Klaus Jahnke, MD  
Hiroshi Moriyama, MD  
An-Suey Shiao, MD  
Aristides Sismanis, MD  
Richard Wiet, MD

15:00 - 15:30

15:30 - 17:00

#### Hall A

##### Meniere's disease

##### Moderator:

Jens Thomsen, MD

##### Panelists:

Roberto Filipo, MD  
Mohamed Hamid, MD, PhD  
John House, MD  
Olivier Sterkers, MD  
Rinze Tange, MD  
Naoki Yanagihara, MD

#### Hall B

##### Hearing preservation in vestibular schwannoma

Jacques Magnan, MD

##### Panelists:

Derald Brackmann, MD  
Jeffrey Harris, MD, PhD  
Joung Lee, MD  
David Moffat, MD  
Samuel Selesnick, MD

#### Six Continents Room

##### Stapes surgery

##### Moderator:

Per Møller, MD

##### Panelists:

F. Antoli-Candela, MD  
D. Bagger-Sjöbäck, MD  
C. Brahe-Pedersen, MD  
E. Garcia-Ibanez, MD  
Bernard Fraysse, MD  
Rudolph Häusler, MD  
Mansfield Smith, MD

17:00 Adjournment

19:00 **Gala Banquet**

# Scientific Program (Cont'd)

## Tuesday October 16 Bank of America Conference Center, InterContinental Hotel

7:00 - 8:00	Continental Breakfast, 3rd floor lobby
8:00 - 8:10	Introduction of Guest of Honor by Michael E. Glasscock III, MD
8:10 - 8:50	Guest of Honor William F. House, MD: <b>Life Experiences in Otology</b>
8:50 - 9:00	Discussion
9:00 - 9:10	Introduction of Guest of Honor by Keiko Hirose, MD
9:10 - 9:50	Guest of Honor Robert V. Shannon, PhD: <b>Auditory Brainstem Implants</b>
9:50 - 10:00	Discussion
10:00 - 10:20	Coffee Break
	<b>Session Chairman:</b> Jose Fayad, MD
10:20 - 11:00	Guest Speaker Dennis S. Poe, MD: <b>Endoscopic Surgery of the Ear and Eustachian Tube</b>
11:00 - 11:10	Discussion
11:10 - 11:50	Guest Speaker Thomas Lenarz, MD: <b>Robotic Ear Surgery</b>
11:50 - 12:00	Discussion
12:00 - 13:30	Lunch (Ballroom, 2nd floor InterContinental Hotel)

**Note:** In the afternoon program, the Bank of America Conference Center will be divided into Hall A and Hall B. The Six Continents Room is located on the second floor. The scientific program will end at 15:30 (3:30pm). The General Assembly Meeting will begin in the Bank of America Conference Center at 16:00 (4:00pm).

## Poster Review Session

### Six Continents Room: Basic Science, External Ear, Middle Ear, Facial Nerve, Skull Base

13:30 - 14:30

**Session Chairmen:** Keiko Hirose, MD, Hiroshi Moriyama, MD, Samuel Whitaker, MD

#### **Molecular responses in rat spiral ganglion cells following cisplatin challenge**

Seong-Ki Ahn, O'Neil Guthrie, Carey Balaban

#### **Increased frequencies of cochlin-specific T cells in patients with autoimmune sensorineural hearing loss**

Moo Jin Baek, Kyung Wo Heo, Gordon Hughes, Vincent Tuohy

#### **The $Ca_{v3.1}$ T-type $Ca^{++}$ channel contributes to voltage-dependent calcium currents in rat outer hair cells**

Akira Inagaki, Shinya Ugawa, Hisao Yamamura, Shingo Murakami, Shoichi Shimada

#### **Role of vestibular evoked myogenic potentials to elevate the sensitivity of objective tests in early Meniere's disease**

Ja-Won Koo, Sung Kwar Hong, Ji Soo Kim, Chong Sun Kim, Ja-Won Koo

#### **Congenital auricular fistula delineating an ear lobule**

Kyung Wook Heo, Moo Jin Baek

**The surgical management of temporal encephalocele with severe middle ear infection**

Shigehisa Hashimoto, Kuniyuki Takahashi, Yutaka Yamamoto, Sugata Takahashi

**The anatomy of the sinus tympani**

James Holt

**TEOAEs changes in patients with history of otitis media with effusion**

Valentina Ivanovska, Marina Davcheva, Elena Bogeska, Irena Duma-Vasovska

**Correlation between otitis media with effusion and allergic rhinitis**

Valentina Ivanovska, Elena Bogeska, Marina Davcheva, Irena Duma-Vasovska

14:30 - 15:30

**Session Chairmen: Per Møller MD, Edwin Monsell MD, PhD, Jaime Benitez, MD**

**Analysis of axial temporal bone computed tomography scans for performing a safe posterior tympanotomy**

Chang Woo Kim, So-Jung Oh, Chang-Hoon Kim, Young-Soo Rho

**Clinical characteristics of bilateral chronic otitis media**

See-Ok Shin

**Delayed facial nerve palsy after endolymphatic sac surgery**

Takefumi Kamakura, Tadashi Kitahara, Arata Horii, Takeshi Kubo, Hiroshi Kajikawa, Naoki Matsushiro, Takahiro Kitamura, Shin-Ichi Okumura

**Facial nerve paralysis due to chronic otitis media**

Seung-Ho Shin, Ki Jae Song, Won-Sang Lee, Ho-Ki Lee

**Case of temporal bone chondroblastoma presenting with hearing loss**

Taro Inagaki, Mamoru Suzuki, Taro Yamaguchi, Eriko Shinada, Minoru Endo, Hiroyuki Ito

**Management of high jugular bulb: transvenous stent-supported embolization technique**

Soo-Keun Kong, Eui-Kyung Goh, Kyong-Myo Chon, Bit-Na Yoon, Soo-Keun Kong, Tae-Hong Lee

**Sudden deafness in a patient with vestibular schwannoma: vestibulo-ocular correlates and postmortem study**

Jaime Benitez

**Wait and scan strategy for vestibular schwannoma: The Rotterdam experience**

Bernard Pauw, Eelco Kummer, Marjan Wieringa, Cees Avezaat

**Teamwork in acoustic neuroma management**

Franco Trabalzini, Gregorio Babighian, Renato Scienza, Giacomo Pavesi

## Hall A: Inner Ear, Otosclerosis

13:30 - 14:30

**Session Chairmen:** Cor Cremers MD, Klaus Jahnke MD, Jacques Magnan, MD

### **The clinical characteristics of idiopathic sudden sensory hearing loss with BPPV**

Jae Ho Ban, No Hee Lee

### **Clinical usefulness of the VEMP test**

Sanjay Bhansali, Toni Landau

### **Cervical-specific protocol and results for 100 Meniere's patients**

Michael Burcon, Janet Green, William Shapiro, Susan Waltzman

### **Endolymphatic hydrops treated by gentamicin infusion: a human temporal bone study**

Salvatore Cavaliere, Jaime Benitez

### **Intratympanic dexamethasone perfusion for the treatment of Meniere's disease**

Kelley Dodson, Aristides Sismanis, Efthymios Kyradimos

### **Dexamethasone inner ear perfusion by intratympanic injection in unilateral Meniere's disease:**

#### **Six years of prospective follow-up**

Marco Antonio Garduno-Anaya, Heloisa Couthino de Toledo, Carlo Pane-Pianese

### **Vestibular evoked myogenic potentials in patients with benign paroxysmal positional vertigo involving each semicircular canal**

Seok Min Hong, Jae Yong Byun, Seung Geu Yeo, Moon Suh Park, Chang Il Cha

### **Autoimmune disease related with progressive hearing loss: a case report**

Valentina Ivanovska, Irena Doma-Vasovska, Marina Davcheva, Elena Bogeska

### **Case of atypical superior semicircular canal dehiscence syndrome**

Ja-Won Koo, Sung Kwar Hong, Chong Sun Kim, Ji Soo Kim

14:30 - 15:30

**Session Chairmen:** Oliver Adunka MD, Mohamed Hamid MD, PhD, Nuri Özgirgin MD

### **Case of vestibular Mondini with BPPV and Meniere's disease-like symptoms**

Chie Maekawa, Tadashi Kitahara, Arata Horii, Takeshi Kubo

### **Evaluation of hearing preservation after endolymphatic sac surgery for Meniere's disease**

Jacob McAfee, Chris Savage, Robert Keith, Myles Pensak, Daniel Choo, Ravi Samy

### **High-definition imaging of inner ear anatomy with high-MR magnet strength**

Ilka C. Naumann, Michael H. Fritsch, Kristine M. Mosier

### **Intratympanic steroid application for idiopathic sudden sensorineural hearing loss as a salvage treatment**

Masaaki Teranishi, Tadao Yoshida, Hideo Hayashi, Tomoyuki Iwata, Naomi Katayama, Seiichi Nakata, Tsutomu Nakashima

**Fluctuating mixed type hearing loss associated with Sapho syndrome**

Kumiko Yukawa, Sachie Kawaguchi, Yukari Okubo, Mamoru Suzuki

**Medical treatment of otosclerosis: rationale for use of biphosphonates**

Kenneth Brookler

**Platinoplasty in otosclerosis**

Todor Karchev, Stefan Stoyanov

**Stapedotomies: Long-term results**

Jorge Meran, Elizabeth Masgoret, Francisco Aviles, Ester Domenech, Enrique Figuerola, Maria Martinez

**Results of 1000 stapes operations in cases of otosclerosis**

Rinze A. Tange, Wilko Grolman

**Hall B: Implantable Hearing Devices**

13:30 - 14:30

**Session Chairmen: Alec Fitzgerald O'Connor MD, William H. Slattery III, MD, Peter C. Weber MD**

**The cochlear implant electrode: history and future**

Katya Assenova, Stefan Stoyanov, Ventsislav Tzvetkov, Todor Karchev

**Bone-anchored hearing aids: operative and postoperative complications**

Cristina Baldassari, Aristides Sismanis, Kelley Dodson

**The importance of human middle ear anatomy for cochlear implantation**

Dragoslava Djerić

**Cochlear implantation in Mondini deformity**

Sandra DeSaSouza, Dillon Dsouza, Natasha Dsouza

**Outcomes of Clarion implantation in India**

Dillon Dsouza, Sandra DeSaSouza, Natasha Dsouza

**The effect of depth of insertion of cochlear implant electrodes on speech understanding**

Dillon Dsouza, Sandra DeSaSouza, Natasha Dsouza

**Middle ear implant versus BAHA in conductive and mixed hearing loss**

Bernard Fraysse, Gaetan Iversenc, Marie-Noel Calmels, Olivier Deguine

**Vibrant Soundbridge for patients with sensorineural hearing loss of different types**

Sziklai Istvan

**The assessment of the access to the round window via a posterior tympanotomy: A practical classification**

Dan Jiang, Alec Fitzgerald O'Connor

**Cochlear implants in obliterated or ossified cochleas**

Elisabeth Masgoret, Jorge Meran, Angel Osorio, Jose Maria Cuyas, Angel Ramos

14:30 - 15:30

**Session Chairmen: Roberto Filipo MD, Chong Sun Kim MD, Thomas McDonald MD**

**Treatment of mixed hearing loss using the active middle ear implant Vibrant Soundbridge**

Robert Mylnski, Joachim Muller, Rudolph Hagen

**Fine structure processing in cochlear implants**

Peter Nopp, Stefan Brill, Clemens Zierhofer, Peter Schleich, Alexander Moeltner, Ernst Aschbacher

**Evaluation of performance of cochlear implant users using middle and late latency responses**

Bulent Satar, Murat Kurnaz, Serdar Karahatay, Hakan Birkent, Abdullah Durmaz, Sertac Yetiser

**Results with a combined device for electric-acoustic stimulation**

Marcus Schmidt, Marek Polak, Artur Lorens, Katrien Vermeire, Sue McDonald, Silke Helbig

**Novel stimulation of the cochlea using vibratory excitation via the round window**

Marcus Schmidt, Jane M. Opie, Peter Lampacher, Geoffrey R. Ball

**Full panorama ECAP recordings in Pulsarc 100 cochlear implant users**

Hansjoerg Schoesser, Peter Nopp, Ilona Anderson, Martina Deibl, Philipp Spitzer, Alexander Moeltner, Wilma Harnisch, Stefan Brill, Joachim Mueller

**Incidence and management of post-operative complications with bone-anchored hearing aids**

Nilesh Shah, Perminder Parmar, Christopher Linstrom

**Migration of the ball electrode after cochlear implantation**

Rinze A. Tange, W. Grolman, B. Carelsen

**Prospective benefits of complete cochlear implant coverage (deep electrode insertion)**

Melissa Waller



The Cleveland Museum of Art



Wade Park



Cleveland Skyline  
Courtesy of [www.travelcleveland.com](http://www.travelcleveland.com)



Great Lakes Science Center



Cuyahoga River

# Exhibits

**Date:** October 13-16, 2007

**Place:** Lobby of Bank of America Conference Center  
3<sup>rd</sup> floor InterContinental Hotel

Exhibits of medical equipment, publications and pharmaceutical products will be held in conjunction with the Pulitzer Cleveland Meeting. Participants will have the opportunity to acquaint themselves with some of the latest innovations in otolaryngology and related medical science. Interested companies are advised to refer to the official website at [www.pulitzercleveland.org](http://www.pulitzercleveland.org) and send an application form with payment to the Meeting Secretary by May 31, 2007.



InterContinental Hotel 3<sup>rd</sup> Floor Lobby

## Social Program (see Shuttle Bus page 23)

### Welcome Reception

**Date:** Saturday, October 13

**Time:** 18:00-20:00 (6pm-8pm)

**Place:** Lobby of Bank of America Conference Center  
3<sup>rd</sup> floor InterContinental Hotel

All participants are cordially invited to the Welcome Reception which will offer cocktails and hors d'oeuvres. The reception will give you an informal opportunity to meet friends and colleagues attending the meeting and to view exhibits.

### Lunch and Chamber Music at Severance Hall and Visit to The Cleveland Botanical Garden (\$75 USD extra charge)

**Date:** Sunday, October 14

**Time:** 11:30-16:00 (11:30am-4pm)

Guests will have lunch in the Grand Foyer of Severance Hall, home of the Cleveland Orchestra, and be entertained by chamber music. After lunch, guests will visit The Cleveland Botanical Garden. Buses will return to all hotels throughout the afternoon so that guests may be at leisure to visit the beautiful butterfly exhibit, and indoor and outdoor gardens.

Hosted by MED-EL, Inc.



InterContinental Hotel and Bank of America Conference Center



Cleveland Botanical Garden  
Courtesy of Jennie Jones Photography

# Social Program Cont'd

## Evening at the Rock and Roll Hall of Fame and Museum

**Date:** Sunday, October 14

**Time:** 19:00-22:30 (7pm-10:30pm)

**Place:** Rock and Roll Hall of Fame and Museum

Cocktails and heavy hors d'oeuvres will be offered on two levels of America's only Rock and Roll Hall of Fame and Museum, located downtown overlooking Lake Erie. Guests will be free to visit all five levels of the museum on their own throughout the evening. Would you like to know the history of Rock and Roll? Hear the Top Ten hits of all time? See video clips from the top artists of the Hall of Fame? This is your chance!

## Visit to Cleveland's Millionaire's Row Lunch at Cleveland Clinic Foundation House (\$75 USD extra charge, limited to 60 persons)

**Date:** Monday, October 15

**Time:** 10:00-14:00 (10am-2pm)

Buses depart from the InterContinental Hotel to visit three mansions on Millionaire's Row of the early twentieth century. At the third mansion, the Cleveland Clinic Foundation House, lunch will be served in the grand foyer and dining room. Local historian Tina Musgrave will present a lecture on Millionaire's Row over coffee and dessert in the conference room upstairs. Buses will return to all hotels at 14:00 hours.

## Gala Banquet

**Date:** Monday, October 15

**Time:** 19:00-23:00 (7pm-11pm)

**Place:** Ballroom, 2nd floor InterContinental Hotel

The social program will conclude with a Gala Banquet on Monday. Buses will transport guests from participating hotels to the InterContinental Hotel and will return to all hotels throughout the evening. Meeting President Gordon Hughes will present Eiji Yanagisawa, MD with a Lifetime Achievement Award. Board member Alec Fitzgerald O'Connor will present plans for the 27th Politzer Meeting in London in 2009.

Hosted by Advanced Bionics,  
a Boston Scientific Company

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Rock and Roll Hall of Fame and Museum



The Cleveland Clinic Foundation House



Ballroom, InterContinental Hotel

# General Information

## Meeting Venue

InterContinental Hotel  
9801 Carnegie Avenue  
Cleveland, Ohio 44106, USA  
Phone: (US country code) 216.707.4100

## Meeting Secretary

UNITECH Communications®  
1950 Richmond Road TR17  
Cleveland, Ohio 44124  
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800.238.6750 (toll free)  
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Fax: (US country code) 216.445.9406  
Email: [politzer@ccf.org](mailto:politzer@ccf.org)



## Certificate of Attendance

Certificates of attendance will be provided upon request.

## Invitation Letter

An official letter of invitation will be forwarded to any participant upon request. However, this invitation implies no obligation, financial or otherwise, by the Meeting Secretary.

## Shuttle Bus

Round-trip bus transportation from all participating hotels for the InterContinental Hotel Welcome Reception will be available Saturday, October 13 from 17:00-21:00 hours (5pm-9pm).

Round-trip bus transportation from all participating hotels for the Bank of America Conference Center will be available Sunday, Monday and Tuesday, October 14-16 from 07:00-18:00 hours (7am-6pm).

Round-trip bus transportation from all participating hotels for the Rock and Roll Hall of Fame and Museum will be available Sunday, October 14 from 18:30-22:30 hours (6:30pm-10:30pm).

Round-trip bus transportation from all participating hotels for the InterContinental Hotel Gala Banquet will be available Monday, October 15 from 18:00-23:30 hours (6pm-11:30pm).

Bus transportation from all participating hotels to afternoon social events on Sunday and Monday will begin 30 minutes before the scheduled event. On Sunday October 14, buses will return from The Cleveland Botanical Garden throughout the afternoon until 16:00 hours (4pm). On Monday October 15, buses will return from the Foundation House at 14:00 hours (2pm).

# The Hearing Implant Company



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