100 Years Otorhinolaryngology

August 31st – September 2nd 2017

Grosser Hörsaal NORD 1
University Hospital Zurich
Celebrating a century of breakthroughs

Cochlear congratulates University Hospital Zürich on 100 years ORL.

- Working together in partnership is how breakthroughs are achieved.
- USZ has helped countless people directly and indirectly through their commitment to always furthering ideas in research and surgery.
- Cochlear is proud to celebrate this achievement and looks forward to furthering research together in partnership for many years to come.

For more information please contact your Cochlear representative or visit www.cochlear.com. Follow us on: Facebook, Twitter, LinkedIn and Instagram.
Dear Friends

We are proud to announce the 100th anniversary of the Department of Otorhinolaryngology, Head and Neck Surgery in Zurich. The Department was separated from Internal Medicine in April, 1917. Since then, developments and innovations, especially in surgery of the skull base, ear, nose and head & neck, have evolved, enabling us to offer our patients the best possible care.

Our 100th anniversary is not only an occasion to review the past but also to take a look into future prospects. What is our discipline's history and what does the future hold? Our symposium aims to discuss these questions. We will review current knowledge, explore modern technologies and new findings. Topics will be covered in lectures, round table discussions and scientific poster sessions. Numerous well-known international and domestic guests, both with clinical and scientific backgrounds, will join us in the celebration of our department’s anniversary.

It would be a pleasure and honor to welcome you to Zurich.
Alexander Huber, Professor and Chairman

Organizational

Honorary advisory board
Professor Ugo Fisch (Chairman of the Department 1970 – 1999)
Professor Stephan Schmid (Chairman of the Department 1999 – 2006)
Professor Rudolf Probst (Chairman of the Department 2006 – 2015)

Organizing committee
Jörg Bohlender
Christof Buhl
Lorenz Epprecht
David Holzmann
Alexander Huber
Gerhard Huber
Bernhard Hutter
Tobias Kleinjung
Nicole Peter-Siegrist
Christof Röösi
Verena Seematter
Michael Soyka
Christian Thüring
Dorothe Veraguth
Claudia Weber
Vincent Wettstein
General Information

When
August 31st – September 2nd 2017

Where
University Hospital Zurich
Grosser Hörsaal NORD 1
Frauenklinikstrasse 10
8091 Zurich

Venue
Tramlines 6, 9, 10 to tram stop
ETH/Universitätsspital or
Haldenbach

Organization
University Hospital Zurich
Department of Otorhinolaryngology
Head and Neck Surgery

Further information
www.100yorl.org

Congress fees

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<th>All days</th>
<th>Day Pass</th>
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<td></td>
<td>(31.08 – 02.09.)</td>
<td>(incl. Refreshment)</td>
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<tr>
<td>Regular</td>
<td>250 CHF</td>
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Please be aware that registration after August 1st 2017 can only take place on site and must be paid in cash. Price: CHF 300 for August 31st – September 2nd, 2017 (CHF 50 surcharge) or CHF 150 (CHF 25 surcharge) for individual days or for those still in training.

Fees for off-site events

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<tr>
<td>Gala Dinner</td>
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<tr>
<td>Post-congress tour</td>
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Accreditation

We are happy to announce that the scientific program of the 100 years celebration was granted 24 credits SGORL. Worldwide accreditation is requested.
Technical information for speaker and presenters
The lecture halls are equipped with laptop and beamer. We ask the speakers to save their presentation on a USB memory drive and deliver it to the organizers in good time (at latest one hour before the session) in the speakers ready room «AV Check».

Posters in the poster exhibition
Posters are displayed in the poster exhibition throughout the entire congress. Posters have to be in the format A0 portrait 118.9 cm x 84.1 cm (height x width). Posterboards and material/poster strips to hang up your poster will be at your disposal.
   – Poster mounting: from Thursday, August 31st until Saturday, September 2nd

Postviewing
The presenting authors are asked to be present at their posters during the official postviewing time: from August 31st until Saturday, September 2nd, during lunchtime.

Social Events

Wednesday, August 30st
18.00 pm
Opening Ceremony an Historical Lecture
followed by
Wine and Cheese
Zunfthaus zur Meisen
Münsterhof 20, 8001 Zurich

Friday, September 1st
19.00 pm
Gala Dinner
Baur au Lac
Talstrasse 1, 8001 Zurich
Post-congress tour

Sunday, September 3rd

Departure 8.30
Arrival in Zurich 15.30

The tour leads us to the picturesque village of Appenzell by bus. You will have time to stroll through the quaint pedestrian zone with its painted wooden houses.

We then drive to a cable car that takes us to the Säntis mountain. On the top we will have lunch and time to enjoy the view.

After lunch the cable car and bus takes us back to Zurich.
<table>
<thead>
<tr>
<th>Time</th>
<th>Wed August 30st</th>
<th>Thu August 31st</th>
<th>Fri September 1st</th>
<th>Sat September 2nd</th>
<th>Sun September 3rd</th>
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<tr>
<td>07:00</td>
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<td>Registration</td>
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<td>08:00</td>
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<td>Historical Session</td>
<td>Cochlear Implants</td>
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<td>09:00</td>
<td>Chronic Otitis</td>
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<td>Central Skull Base</td>
<td>Standard of Care</td>
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<td>10:00</td>
<td>Coffee Break</td>
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<td>Lunch Break / Poster Visit</td>
<td>Standard of Care - Elderly Patient</td>
<td>Post Congress Tour to Appenzell</td>
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<td>11:00</td>
<td>Coffee Break</td>
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<td>Medical Otolaryngology</td>
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<td>Thyroid and Parathyroid Surgery</td>
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<td>14:00</td>
<td>Future Developments</td>
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<td>Functional H&amp;N Tumor Surgery</td>
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<td>15:00</td>
<td>Malformation in Otology</td>
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<td>16:00</td>
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<td>Chronic Rhinosinusitis</td>
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<td>17:00</td>
<td>Middle Ear Mechanics and Bone Conduction</td>
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<td>Minimal Invasive</td>
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<td>18:00</td>
<td>Opening Ceremony and Historical Lecture followed by Wine and Cheese Zunfthaus zur Meisen</td>
<td>Gala Dinner Baur au Lac</td>
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Wednesday, August 30st

18:00 h  
Opening Ceremony, Zunfthaus zur Meisen
1917, Zurich: Establishment of the ORL department (30')
Albert Mudry, Lausanne

Thursday, August 31st

08:00 h  
Registration

09:00 h  
Opening (5')
Alexander Huber, Zurich

09:05 h  
History I
Temporal bone laboratory: a successful source of inspiration (10')
Christof Röösl, Zurich

Chronic Otitis
Chairs: Herman A. Jenkins, Denver / Daniel J. Lee, Boston

09:15 – 10:00 h  
Current status on middle ear pressure regulation in normal and diseased ears (10')
Michael L. Gaihede, Aalborg
The origin of cholesteatoma revised: Excessive selfhealing of a localized inflammation in the middle ear? (10')
Karl-Bernd Hüttenbrink, Cologne
Long-term effects of Eustachian tube balloon dilatation (10')
Saku Sinkkonen, Helsinki

10:00 h  
Roundtable: Chronic otitis media (60')
Moderator: Thomas Linder, Lucerne
Panelists:
– Naohito Hato, Matsuyama
– Furong Ma, Beijing
– Seiji Kakehata, Yamagata
– Matthew Yung, Ipswich
– Dirk Beutner, Cologne
– Daniel Kaplan, Beer Sheva

11:00 h  
Coffee Break I

11:30 h  
Roundtable: Pearls and pitfalls in thyroid/parathyroid surgery (60')
Moderator: Gerhard Huber, Zurich
Panelists:
– Christian Simon, Lausanne
– Sandro Stöckli, St. Gallen
– Michael Hier, Montreal
– Joseph Clyde Dort, Calgary
– Cesare Piazza, Brescia
– John Chaplin, Auckland

12:30 h  
History II
100 years ORL at the UniversityHospital Zurich – From 1917 to 2017 (10')
Andreas Eckhard, Zurich

12:40 h  
Lunch / Poster

Future Developments
Chairs: Gunesh Rajan, Perth / Sunil Puria, Boston

14:00 – 15:00 h  
Molecular profiling and targeted therapeutics in thyroid cancer (10')
Grégoire Morand, Zurich
Nanotechnology-based cochlear implant with gapless interface to auditory neurons (10')
Pascal Senn, Geneva

Is the robot a big help or rather an expensive toy (10')
Christian Simon, Lausanne

Hair cell protection: from bench to bedside (10')
Daniel Bodmer, Basel

New concepts in middle ear surgery training (10')
Thomas Zahnert, Dresden

Advances in intraoperative imaging (10')
David Holzmann, Zurich

Malformation
15:00 h
Roundtable: Malformation in otology (60')
Moderator: Stephen P. Cass, Denver
Panelists:
– Dan Jiang, London
– Robert Vincent, Béziers
– Thianyu Zhang, Shanghai
– Levent Sennaroglu, Ankara
– Daniel J. Lee, Boston
– Thomas Linder, Lucerne

16:00 h
Coffee Break II

Middle Ear Mechanics and Bone Conduction
Chairs: Thomas Zahnert, Dresden / John Rosowski, Boston
16:30 – Pathways contributing to bone conduction hearing in the human (10')
Stefan Stenfelt, Linköping

Experimental exploration of bone conduction pathways and sound propagation (10')
Ivo Dobrev, Zurich

Osseointegrated auditory prostheses: current indications and limitations (10')
Herman A. Jenkins, Denver

BoneBridge – clinical results after six years (10')
Georg Sprinzl, St. Pölten

Clinical study of the Bone Conduction Implant – results so far (10')
Sabine Reinfeldt, Goteborg

The widebandwidth light driven contact hearing aid (10')
Sunil Puria, Boston

Optical coherence tomography and high frequency ultrasound of the ear (10')
Manohar Bance, Halifax

Middle ear mechanics in normal and surgically-reconstructed ears (10')
Jae Hoon Sim, Zurich

Friday, September 1st

08:00 h Registration

Cochlear Implants
Chairs: Bruce J. Gantz, Iowa City / Georg Sprinzl, St. Pölten
08:30 – Treatment of single-sided deafness and asymetric hearing loss in adults and children (10')
Antje Aschendorf, Freiburg

Significant reduction of insertion trauma in cochlear implantation with the help of modern imaging techniques (10')
Johan H. M. Frjins, Leiden

Auditory Brainstem Implant and beyond – current concept, results and future developments (10')
Thomas Lenarz, Hannover
An intracochlear acoustic receiver for totally implantable cochlear implants (10’)
Flurin Pfiffner, Zurich

Roundtable: Clinical pitfalls in cochlear implantats (60’)
Moderator: Christof Röösli, Zurich
Panelists:
- Hubert Löwenheim, Tübingen
- Timo Stöver, Frankfurt
- Joseph M. Chen, Toronto
- Heidi Olze, Berlin
- Seung-Ha Oh, Seoul

10:15 h Coffee Break I

Central Skull Base
Chairs: Seung-Ha Oh, Seoul / Luca Regli, Zurich
10:45 – 12:00 h
Endoscopic skull base surgery – what makes sense? (10’)
Piero Nicolai, Brescia
Multiportal/multimodal approaches for complex skull base lesions (10’)
Sébastien Froelich, Paris
Alternative approaches to the central skull base (10’)
Kris Moe, Seattle

Roundtable: Challenging cases in skull base surgery (45’)
Moderator: David Holzmann, Zurich
Panelists:
- Piero Nicolai, Brescia
- Sébastien Froelich, Paris
- Kris Moe, Seattle
- Sandro Stöckli, St. Gallen
- Thomas Lenarz, Hannover
- Luca Regli, Zurich

12:00 h Lunch / Poster

Tinnitus
Chairs: John Dornhoffer, Little Rock / Tobias Kleinjung, Zurich

The psychiatrist's perspective: CBT, pharmacotherapy, non-invasive neuromodulation (7’)
Berthold Langguth, Regensburg
The ENT perspective: hearing improvement – from otitis to cochlear implant (7’)
Paul van de Heyning, Antwerp
The neurosurgeon's perspective: invasive neuromodulation (DBS, VNS, epid. Stimulation) (7’)
Dirk de Ridder, Dunedin
The neuropsychologist's perspective: non-invasive neuromodulation (NFB, tDCS) (7’)
Martin Meyer, Zurich

Roundtable: Can there be a cure for tinnitus in the future? (30’)
Moderators: John Dornhoffer, Little Rock; Tobias Kleinjung, Zurich
Panelists:
- Berthold Langguth, Regensburg
- Paul van de Heyning, Antwerp
- Dirk de Ridder, Dunedin
- Martin Meyer, Zurich

Functional H&N Tumor Surgery
14:30 h Roundtable: Limits in functional tumor surgery (60’)
Moderator: Sandro Stöckli, St. Gallen
Panelists:
- Christian Simon, Lausanne
- Michael Hier, Montreal
- Cesare Piazza, Brescia
- John Chaplin, Auckland
- Gerhard Huber, Zurich
- Joseph Clyde Dort, Calgary

15:30 h Coffee Break II
08:00 h  Registration

08:30 h  Internal auditory canal finally fully accessible (15’)
Albert Mudry, Lausanne

08:45 h  History III

09:45 h  Zurich interdisciplinary vertigo center: The otologist’s perspective (10’)
Vincent Wettstein, Zurich

09:45 h  Zurich interdisciplinary vertigo center: The neurologist’s perspective (10’)
Dominik Straumann, Zurich

Gábor Michael Halmágyi, Sydney

Testing vestibular function – what we have learnt in the last 100 years (10’)
Gábor Michael Halmágyi, Sydney

Insights into semicircular canal dehiscence syndrome (10’)
Hideko Nakajima, Boston

Outcomes following transmastoid repair of superior semicircular canal dehiscence (10’)
Stephen P. Cass, Denver

Intraoperative monitoring of vestibular nerve function in otoneurosurgery (10’)
Arneborg Ernst, Berlin

09:45 – 10:45 h  Standard of Care / How we do it

Intratympanic therapy (10’)
Vincent Wettstein, Zurich

Epistaxis (10’)
Michael Soyka, Zurich

Office based phonomurgery (10’)
Jörg Bohlender, Zurich
Interdisciplinary head and neck treatment (10')
Gerhard Huber, Zurich

Contemporary management of the tinnitus patient in an interdisciplinary setting (10')
Tobias Kleinjung, Zurich

10:45 h Coffee Break I

History IV

11:15 h Phoniatric traces in Zurich – development of a medical speciality dealing with communication disorders (15')
Jörg Bohlender, Zurich

Standard of Care / Elderly Patient
Chairs: Martin Ptok, Hannover / Dorothe Veraguth, Zurich

11:30 – 12:30 h Aging and dementia (10')
Heike A. Bischoff-Ferrari, Zurich

Cochlear implants in the elderly patient (10')
Norbert Dillier, Zurich

Dizziness in the elderly (10')
Konrad Weber, Zurich

Chewing problems of the elder patient – the gerodontologist’s perspective (10')
Ina Nitschke, Zurich

Treatment options in elderly – voice problems of the aging voice (10')
Martin Ptok, Hannover

12:30 h Lunch / Poster

Lateral Skull Base
Chairs: Joseph M. Chen, Toronto / Dirk Beutner, Cologne

Epidemiology and natural history of vestibular schwannoma (10')
Per Cayé-Thomasen, Copenhagen

Paraganglioma genetics, what’s in it for the clinician/surgeon? (10')
Erik F. Hensen, Amsterdam

The management of ICA and the role of intra-arterial stenting in head and neck paragagliomas (10')
Mario Sanna, Rome

Roundtable: Lateral skull base: Perspectives in clinical treatment and management (60')
Moderator: Alexander Huber, Zurich
Panelists:
– Gunesh Rajan, Perth
– Ernst Arneborg, Berlin
– Michael Gleeson, London
– Thomas Klenzner, Dusseldorf
– Antonios Valavanis, Zurich
– Bruce J. Gantz, Iowa City

15:30 h Poster Ceremony
15:45 h Adjourn
Faculty List

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