

Invitation

Dear colleagues,

It will be a pleasure to meet you at our annual congress of the Royal Belgian Society of Oto-Rhino-Laryngology, Head and Neck Surgery, which will be held in Louvain-La-Neuve, November 22-23 2019.

This year's edition is specially focused on genetics in ENT.

Thanks to genetics, we are living a real revolution in the understanding of the physiopathology of many ORL disorders, like hearing disorders, rhinosinusal inflammations, head and neck cancers and olfaction disorders.

We hope that the proposed overview of Genetics in ENT will be of interest to you.

The programme includes "Battle" sessions and "How I do it" sessions to make the congress as dynamic and interactive as possible. We have also made sure to offer sessions on ethics and economics, as well as a specific session on Sleep Medicine.

It is my great pleasure to have the Belgian Society of Audiology (B-Audio), renowned for its high quality scientific work, as an affiliate to our annual congress.

We hope that this program will offer interesting sessions to us all, in addition to our specific ENT activities.

Hook forward to welcoming you in the town of UCLouvain, Louvain-La-Neuve.

Naïma Deggouj President of the Royal Belgian Society of Oto-rhino-laryngology, Head and Neck Surgery

Royal Belgian Society of Oto-Rhino-Laryngology, Head and Neck Surgery (B-ORL)

Steering Committee



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Philippe Eloy, editor in chief B-ENT
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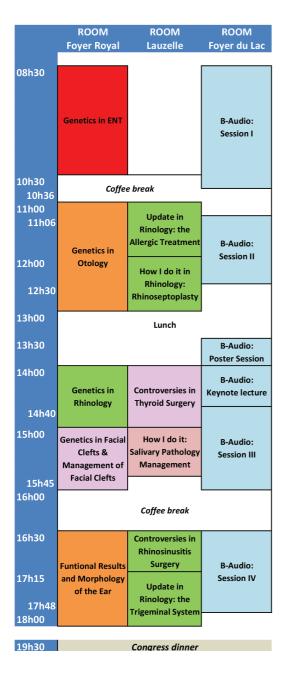
B-Audio Steering Committee

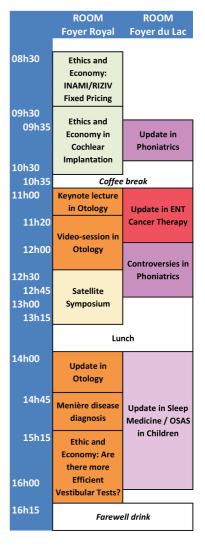
Mark Laureyns Rudi Kuhweide, treasurer Leen Maes, secretary Thibert Robillard Astrid van Wieringen, webmaster Patrick Verheyden Jan Wouters, president

Programme outline

Friday November 22

Saturday November 23





International & non-ENT Faculty Members

Anna Alkelai, Institute for Genomic Medicine, Goldstein Lab, Columbia University, NY, USA

Paul Avan, NEURO-DOL, Université Clermont Auvergne, Clermont-Ferrand, France

Jan Casselman, Radiology, AZ Sint Jan Bruges Oostende AV, Bruges, Belgium

Hassan Chelly, ENT, Casablanca, Morocco

Anabelle Decottignies, Human Molecular Genetics (GEHU), de Duve Institute (DDUV), UCL Saint-Luc, Brussels, Belgium

Aziz El Amraoui, Neuroscience, Centre Médical Institute Pasteur, Paris, France

Olivier Gerain, EDIC asbl, Brussels, Belgium

Vincent Grégoire, Radiotherapy - ENT, Centre Léon Berard, Lyon, France

Catherine Mercenier, Pneumo-Allergology, Clinique Saint-Luc-Bouge, Bouge, Belgium

Pierre Miniconi, ENT and Head and Neck Surgery, Carpentras, France

Michel Mourad, Transplantation Unit, UCL Saint-Luc, Brussels, Belgium

Elisabeth Ngonlong Ekende, INAMI-RIZIV, Belgium

Christine Petit, Laboratory of Genetics and Physiology of Hearing, Centre Médical Institut Pasteur, Paris, France

Marc Remacle, Department of Otorhinolaryngology and Head and Neck Surgery, CH Luxembourg, Luxembourg

Nicole Revencu, Human Molecular Genetics (GEHU), de Duve Institute (DDUV), Centre de Génétique Humaine (CHG), UCL Saint-Luc, Brussels, Belgium

Saaid Safiedinne, Laboratory of Genetics and Physiology of Hearing, Centre Médical Institut Pasteur, Paris, France

Pierre Saintigny, Oncology - Pneumology, Centre Léon Berard, Lyon, France

Yves Sznajer, Centre de Génétique Humaine (CHG), UCL Saint-Luc, Brussels, Belgium

Guy Van Camp, Human Molecular Genetics, Centre of Medical Genetics, UZ Antwerp, Antwerp, Belgium

Miika Vikkula, Human Molecular Genetics (GEHU), de Duve Institute (DDUV), UCL Saint-Luc, Brussels, Belgium

Preliminary programme in detail_____

Friday 22 November 2019

ROOM: Foyer Royal

o8h3o-1oh3o Genetics in ENT

Chair: Christine Petit

Anna Alkelai	Gene to genome and epigenetics	o8h3o
Christine Petit	The wonderful story of hearing loss genetics	o8h45
	Cellular ageing: DNA damage and epigenetic factors	09h25
Anabelle Decottignies	for the occurrence of deafness	
_	Clinical relevance of molecular portraits of oral	09h45
Pierre Saintigny	premalignant lesions and head and neck cancer	

10h30 - 11h00 Coffee break

11hoo-13hoo Genetics in Otology

Chair: Naïma Deggouj

11h00	When genetics help to understand hearing physiology and disorders	Paul Avan
11h20	Disease mechanisms and therapy for progressive hearing	
	impairment	Aziz El Amraoui
11h40	Toward gene therapy for human hearing loss	Saaid Safieddine
12h00	Genetic tests for hearing loss in Belgium	Guy Van Camp
12h30	Genetics and cochlear implant results in children	Ingeborg Dhooge
12h50	Discussion	

13hoo - 14hoo Lunch

14h00-15h10 Genetics in Rhinology

Chair: Caroline Huart

14h00	Genetics in upper airway inflammation	Mark Jorissen
14h30	Genetics of human smell and its disorders	Anna Alkelai

15h10-16h00 Genetics in Facial Clefts and Management of Facial Clefts

Chair: Yves Sznajer

15h10	Genetics of cleft lip and palate: clinical perspectives	Nicole Revencu
15h25	Genetics of cleft lip and palate: new in genetic research	Miika Vikkula
15h40	30 years of the multidisciplinary cleft palate management	Sara Castelein

16hoo - 16h3o Coffee break

16h30-18hoo Functional Results and Morphology of the Ear

Chair: Frank Declau

Frank Declau	Embryology of the inner ear	16h30
st frequent cervico-	Inner ear findings in patients with the most fre	16h45
Jan Casselman	facial malformations	
Jean-Philippe Van Damme	Genetics and vestibule malformation	17h25
onormal	Cochlear implant results in normal and abnorn	17h40
Anne-Laure Mansbach	morphology	
	Congress Dinner	10h20-

ROOM: Salle Lauzelle

11hoo-12hoo Update in Rhinology: the Allergic Treatment

Chair: Valérie Hox

11h00 Clinical and biological diagnosis of respiratory allergies and the value of dosing recombinant allergens
 11h20 Pharmacological treatment of allergenic rhinitis
 12h20 Pharmacological

12hoo-13hoo How I do it in Rhinology: Rhinoseptoplasty

Chair: Mark Jorissen

13hoo - 14hoo Lunch

14hoo-15hoo Controversies in Thyroid Surgery

Chair: Sébastien Van der Vorst

14hoo Indication of endoscopic or external thyroid surgery
 14h2o Intraoperative nerve monitoring during thyroid surgery
 14h4o Central compartment neck dissection for well-differentiated thyroid cancer: a matter of debate

Jeroen Meulemans

15h00-15h45 How I do it: Salivary Pathology Management

Chair: Jeroen Meulemans

15hoo Tutorial: Salivary pathology management Sébastien Van der Vorst

16hoo - 16h3o Coffee break

16h30-17h15 Controversies in Rhinosinusitis Surgery

Chair: Stijn Halewyck

16h30 Round table on controversies in rhinosinusitis surgery

Panel members: Valérie Hox, Thibaut Van Zele

17h15-18hoo Update in Rhinology: the Trigeminal System

Chair: Anna Alkelai

17h15 Round table on the trigeminal system

Panel members: Caroline Huart, Laura Van Gerven

19h3o - Congess Dinner

ROOM: Foyer du Lac

o8h3o-1oh36 B-Audio: Session I

Chairs: L	een Ma	ies Pat	rick V	erhevden
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o8h3o Message from the B-Audio board Jan Wouters

o8h4o Invited Lecture / Selected Contribution: Functional brain alterations following mild-to-moderate sensorineural hearing loss in children Axelle Calcus

Oral Contributions: Vestibular Function

Oral Contributions: Voices in the Human Brains

ogh36 Fast periodic auditory stimulation reveals a robust voice-selective electrophysiological response in the human brain Francesca Barbero ogh48 Ultra-fast brain and behavioral categorization of voices Roberta Calce

Oral Contributions: Auditory Implant Issues

10h00 Audiological experience with the Cochlear™
Carina® System Katleen De Voecht

10h12 A totally implantable microphone: Directional response and in-situ sensitivity Christiane D'hondt

10h24 Consensus statement on the quality of bone conduction treatment in Belgium Annes Claes

10h36 - 11h06 Coffee break

11ho6-12h30 B-Audio: Session II

Chairs: Astrid van Wieringen, Thibert Robillard

Oral Contributions: Cochlear Implants

	Language and auditory data of children with single-sided	11ho6
Tine Arras	deafness and a cochlear implant	
	Automated assessment of child speech interactions using	11h18
Obaid Qazi	cochlear implant data logging	
	Optimized stimuli for measuring auditory steady-state	11h30
Wouter David	responses across the electrode array in CI users	
	Quality of life outcomes after cochlear implantation in	11h42
Ellen Andries	older adults: a systematic review	
	Influence of audio-visual integration abilities and residual	11h54
	hearing on performances with cochlear implant in post-	
Nancy Seghers	lingually deafened adults	
	Automated scoring algorithm for CVC Word List via self-	12h06
Anke Plasmans	administered audiometry application	
Ben Somers	Recording EEG from cochlear implant electrodes	12h18
		,

13h3o - 14hoo Lunch

13h30-14hoo B-Audio: Poster Session

Posters of audiology bachelor and master theses in Belgium (max 3 per institute)

14h00-14h40 B-Audio: Keynote Lecture

Chair: Jan Wouters

14hoo Auditory models in audiology: from diagnostics to sound perception Sarah Verhulst

14h40-16h00 B-Audio: Session III

Chairs: Mark Laureyns, Cécile Ducène

14h4o Invited Lecture / Selected Contribution: Hearing screening based on masked recognition of ecological sounds to identify childhood hearing impairment

Elien Van Den Borre

Oral Contributions: More than Hearing

15h00	Hearing diagnostics – Hearing health monitoring after noise exposure	Tine Vande Maele
15h12	The evaluation of the Dutch and French Digit Triplet Te as a new screening tool for noise-induced hearing loss monitor military personnel in the Belgian Armed Force	to
	a sensitivity and specificity study	Senne Gorris
15h24	Intersubject variability of the real ear headphone response	
	for a commercially available ON-ear and IN-ear headp	hone
	in adults, children and HATS	Tom De Neve
15h36	Binaural contrast: how to measure if someone is using	
	interaural differences to understand speech	Benjamin Dieudonné
15h48	Cognition in relation to listening effort: speech	
	understanding from an auditory-cognitive perspective	Katrien Kestens

16h0o-16h3o Coffee break

16h30-17h48 B-Audio: Session IV

Chairs: Rudi Kuhweide, Axelle Calus

Oral Contributions: Tinnitus

Oral Contributions: Auditory Neuroscience

17h12	Direct structural connection between auditory-	
	temporal and visual-occipital motion selective regions	Ane Gurtubay-Antolin
17h24	Measuring speech understanding from the EEG	
	using semantic features	Marlies Gillis
17h36	Coding auditory space in the sighted and in the	
	blind individuals	Ceren Battal

Preliminary programme in detail____

Saturday 23 November 2019

ROOM: Foyer Royal

o8h3o-o9h3o Ethics and Economy: INAMI/RIZIV Fixed Pricing

Chairs: Thibert Robillard, Rupal Mehta

Claire Beguin	What do you know about INAMI/RIZIV	o8h3o
Mark Jorissen	Impacts on academic structures	o8h45
Frans Indesteege	Impacts on non-academic structures	oghoo

09h15 Discussion

ogh3o-10h35 Ethics and Economy in Cochlear Implantation

Chairs: Michel Gersdorff, Erwin Offeciers

	33 years of cochlear implantation	o9h3o
Michel Gersdorff and Erwin Offeciers	in Belgium	
Olivier Gerain	CI in real life	09h45
n for	Economic aspects of CI in Belgiur	09h50
Elisabeth Ngonlong Ekende	INAMI/RIZIV	
	Update in CI indications and	10h05
Paul Van de Heyning and Naïma Deggouj	reimbursement in Belgium	
Monique Decat, Vedat Topsakal	CI surgical technics efficiency?	10h25

10h35-11h00 Coffee break

11h00-11h20 Keynote lecture in Otology

Chair: Monique Decat

11hoo Is there EBM in schwannoma management? Thomas Somers

11h20-12h30 Video-session in Otology

Chair: Monique Decat

11h2o Is endoscope more efficient than microscope in some ear surgeries?

Panel members: Vedat Topsakal, Nicolas Mardyla, Hassan Chelly,

Monique Decat

11h45 Controversies about Bone Conduction Implants

Chair: Philippe Lefebvre

11h45Bone conduction implantsBob Lerut12h00Stop of more percutaneous bone conduction implants?Philippe Lefebvre12h15Transcutaneous but not anchored BAHAPierre Dohlen

12h30-13h15 Satellite Symposium - SHIRE: MPS II or Hunter Syndrome: Diagnosis and Curative available Treatment

Patrick Verloo

13hoo - 14hoo Lunch

14hoo-14h45 Update in Otology

Chair: Paul Avan

14h00Rediscovery of hearing disorders with normal audiometryNaïma Deggouj14h10Brain detection of speechOlivier Collignon14h25Peripheral disorders of sound features codingJan Wouters

14h45-15h15 Menière Disease Diagnosis

Chair: Jean-Philippe Van Damme

14h45 Postural tests in the diagnosis of Menière disease
 15h00 Diagnosis of Menière disease by imaging
 Andrzej Zarowski

15h15-16h15 Ethic and Economy: Are there more Efficient Vestibular Tests?

Chair: Vincent Van Rompaey

15h15 The caloric tests of the vertical canals and the cervicovestibulo-ocular test in vestibular disorders assessment *Pierre Miniconi*

ROOM: Foyer du Lac

o9h35-1oh30 Update in Phoniatrics

Chair: Gauthier Desuter

ogh35 Keynote lecture: The present and future of

phoniatric surgery *Marc Remacle*

10h20 Video session in phoniatric surgery Marc Remacle

10h30-11h00 Coffee break

11hoo-12hoo Update in ENT Cancer Therapy

Chair: Pierre Saintigny

11hoo Protontherapy in head and neck Vincent Grégoire
11h3o Is there still a place for surgery in head and neck cancer? Marc Hamoir

12h00-12h45 Controversies in Phoniatrics

Chair: Marc Remacle

12hoo Round table on controversies in voice disorders management today
Panel members: Mieke Moerman, Gauthier Desuter, Alejandra Rodriguez,
Camille Fink

13hoo - 14hoo Lunch

14h00-16h00 Update in Sleep Medicine / OSAS in Children

Chair: Philippe Rombaux

14hoo	Polygraphy in children: a quick guide for beginners	Anne-Lise Poirier
14h30	Facial osteotomies in children with OSAS	Pierre Mahy
15hoo	Recent advances in the management of the snoring child	An Boudewyns
15h30	OSAS in children	Philippe Rombaux

16h15-16h45 Farewell drink

General Information

Venue

The annual congress of the Royal Belgian Society of Oto-Rhino-Laryngology, Head and Neck surgery (B-ORL) will take place on November 22 and 23, 2019 in the *Aula Magna* in Louvain-la-Neuve.

Address: Place Raymond Lemaire 1, 1348 Louvain-la-Neuve

GPS location: Boulevard Andre OLEFFE

Itinerary

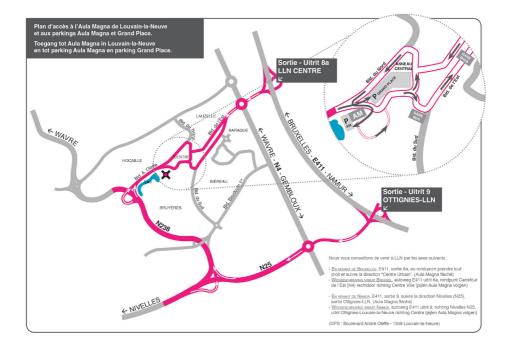
By car

- From Brussels take highway E411 (direction of Namur-Luxembourg). Exit
 n° 8a (Louvain-la-Neuve Centre). At the roundabout located on the road N4,
 follow the signs 'Aula Magna'.
- From Namur take highway E411. Exit 9 (Ottignies-Louvain-la-Neuve). Direction Nivelles N25. Exit Ottignies-Louvain-la-Neuve follow direction Centre and the signs 'Aula Magna'.

Where to park?

6.000 parking spots are available under the pedestrian center, but you will have to pay for them (approx. 15€/day).

Free parking is available at parking 'Aula Magna' (120 places) and 24/7 in the periphery. The nearest paying parking is Parking Grand Place or Parking Grand Rue, which you can access from the underground ring. Once on the Grand Place (main square), face the clock tower and take the street on the left of the clock tower and continue on 200 meters till you arrive at the congress venue.



By train

The station is called 'Louvain-la-Neuve University' which is linked to Ottigines station. Ottignies station is located on the line Brussels-Namur (2 trains per hour). Louvain-la-Neuve is 30 min away from Brussels. You'll need to change train in Ottignies to take another train to 'Louvain-la-Neuve' (8 min.). There are direct trains to Louvain-la-Neuve from Brussels, but these take more time.

All trains to Ottignies go trough the stations Brussels North station and Brussels Midi station. Schedules are available at www.belgianrail.be.

Once at the "Louvain-la-Neuve University" train station:

Cross the Place de l'Université (main square) diagonally to the main street Rue Charlemagne on the right hand side of the square. Walk down the main street to the Grand Place. Cross the Grand Place diagonally heading to the left and continue on 200 meters till you arrive at the congress venue.

By bus

From Brussels, there are special bus lines. Schedules are available on the **TEC website** (https://www.infotec.be/Medeplacer/Rechercheditinéraire.aspx).

- Starting from Metro station 'Roodebeek' passing via the Metro Station Crainhem/Kraainem. (Line is called Cbis or Conforto Bis).
- Starting from Etterbeek train station passing via Metro station Delta. (Line is called C or Conforto).

Social Programme

On Friday evening 22 November 2019, we look forward to welcoming you at the congress dinner in the Hergé Museum. The dinner starts at 19h30. The Hergé Museum is an astounding building that houses the life and work of one of the greatest artists of the twentieth century, the master of the Ligne Claire, the Clear Line, and the father of Tintin and Snowy.

Architect Christian de Portzamparc imagined this exceptional building, worthy of what it holds. This out of the ordinary structure contains an astounding heritage of original plates, photographs, documents and objects assembled together in one enchanting place.

Address: Rue du Labrador 26, 1348 Louvain-la-Neuve (4-minutes walk from Aula Magna).



Registration for the Annual Congress 2019

Registration fee * [Registration at https://orl-nko.be]

PLEASE NOTE: Payment of early bird fee has to be received by 13 November.

If not received by this date, the fee as of 13 November will be automatically implemented.

	Early bird fee payment by 13 November	Fee as of 13 November
Member M.D.		
22 November	€ 90,00	€120,00
23 November	€ 90,00	€120,00
22 & 23 November	€ 150,00	€ 180,00
Non-member M.D.		
22 November	€ 500,00	€ 500,00
23 November	€ 500,00	€ 500,00
22 & 23 November	€ 500,00	€ 500,00
M.D. in residence		
22 November	€ 60,00	€ 90,00
23 November	€ 60,00	€ 90,00
22 & 23 November	€ 90,00	€ 120,00
B-Audio member		
22 November	€ 60,00	€ 90,00
23 November	€ 60,00	€ 90,00
22 & 23 November	€ 90,00	€ 120,00
Audiologist & Paramedical professional		
22 November	€ 90,00	€ 120,00
23 November	€ 90,00	€ 120,00
22 & 23 November	€ 150,00	€180,00
Medical student /Audiology student**		
22 November	€ 60,00	€ 90,00
23 November	€ 60,00	€ 90,00
22 & 23 November	€ 90,00	€ 120,00
Congress Dinner (22 November)	€ 85,00	€ 85,00

^{*} The registration fee covers: admittance to the scientific sessions of the Royal Belgian Society ENS-HNS, final programme, access to the technical exhibition, lunches and refreshments during breaks.

^{**} Student status needs to be proved by student card

Cancellation of registration

Cancellations must be received in writing via e-mail to: orl@semico.be. For any refund after 3 November an administration cost of 25€ will be deduced. No refund is possible as of 17 November or if the participant fails to attend.

Liability

In the case of government intervention or regulation, military activity, strikes or any other circumstances that make it impossible or inadvisable for the congress to take place at the time and place provided, the participant shall waive any claim for damages or compensation and there shall be no future liability on the part of either party.

Insurance

Registration fees do not include insurance of any kind, nor force majeure or any other reason, nor medical expenses (including sickness and accident cover), nor loss or damage to personal property, nor additional expenses and repatriation should travel arrangements have to be altered.

Neither the RBS ENT HNS, nor the congress organizers can take any responsibility for any participant failing to arrange their own insurance.

More information

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