



Royal Belgian Society of  
Oto-Rhino-Laryngology,  
Head and Neck Surgery

# Annual Congress

## Preliminary Programme

# GENETIC in ENT

22-23 November 2019

Aula Magna

Louvain-la-Neuve

President: Naïma Deggouj  
[www.orl-nko.be](http://www.orl-nko.be)

## Royal Belgian Society of Oto-Rhino-Laryngology, Head and Neck Surgery

### Steering Committee

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### B-Audio

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# Programme outline

Friday November 22

	ROOM Foyer Royal	ROOM Lauzelle	ROOM Foyer du Lac
08h30	Genetics in ENT		B-Audio: Session I
10h30 10h36	Coffee break		
11h00 11h06	Genetics in Otology	Update in Rinology	B-Audio: Session II
12h00 12h24		How I do it: Rhinoseptoplasty	
13h00	Lunch		
13h30			B-Audio: Poster Session
14h00 14h40	Genetics in Rhinology	Controversies in Thyroid Surgery	B-Audio: Keynote lecture
15h00 15h45	Genetics in Facial Clefts & Management of Facial Clefts	How I do it: Salivary Pathology Management	B-Audio: Session III
16h00	Coffee break		
16h30 17h15 17h48 18h00	Functional Results and Morphology of the Ear	Controversies in Rhinosinusitis Surgery  Update in Rinology: the Trigeminal System	B-Audio: Session IV
19h30	Congress dinner		

Saturday November 23

	ROOM Foyer Royal	ROOM Foyer du Lac
08h30	Ethics and Economy: INAMI/RIZIV Fixed Pricing	
09h30 09h35	Ethics and Economy in Cochlear Implantation	Update in Phoniatics
10h30 10h35	Coffee break	
11h00 11h20	Keynote lecture in Otology	Update in ENT Cancer Therapy
12h00	Video-session in Otology	Controversies in Phoniatics
12h30 12h45 13h00 13h15	Satellite Symposium	
	Lunch	
14h00 14h45 15h15	Update in Otology  Meniere disease diagnosis  How I do it: the Caloric Tests	Update in Sleep Medicine / OSAS in Children
16h00 16h10 16h15	Farewell drink	

## **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 Brugges 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*

**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 Institute Pasteur, Paris, France*

**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 Institute 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

#### 08h30-10h30 Genetics in ENT

**Chairs: Christine Petit, tba**

08h30	Gene to genome and epigenetics	<b>Anna Alkelai</b>
08h45	The wonderful story of hearing loss genetics	<b>Christine Petit</b>
09h25	Cellular ageing: DNA damage and epigenetic factors for the occurrence of deafness	<b>Anabelle Decottignies</b>
09h45	Clinical relevance of molecular portraits of oral premalignant lesions and head and neck cancer	<b>Pierre Saintigny</b>

10h30 - 11h00 Coffee break

#### 11h00-13h00 Genetics in Otology

**Chairs: Naïma Deggouj, tba**

11h00	When genetics helps to understand hearing physiology and disorders	<b>Paul Avan</b>
11h20	Genetic treatment in otology	<b>Saaïd Safieddine and Aziz El Amraoui</b>
12h00	Genetic tests for hearing loss in Belgium	<b>Guy Van Camp</b>
12h30	Genetics and cochlear implant results in children	<b>Ingeborg Dhooge</b>

13h00 - 14h00 Lunch

#### 14h00-15h10 Genetics in Rhinology

**Chairs: Caroline Huart, tba**

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

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

**Chairs: Yves Sznajer, tba**

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

16h00 - 16h30 Coffee break

#### 16h30-18h00 Functional Results and Morphology of the Ear

**Chairs: Frank Declau, tba**

16h30	Embryology of the inner ear	<b>Frank Declau</b>
16h45	Inner ear findings in patients with the most frequent cervico-facial malformations	<b>Jan Casselman</b>
17h25	Genetics and vestibule malformation	<b>Jean-Philippe Van Damme</b>

17h40 Cochlear implant results in normal and abnormal morphology  
17h40 30 years of the multidisciplinary cleft palate management

***Sara Castelein***  
***Anne-Laure Mansbach***

*19h30- Congress Dinner*

## ROOM : Salle Lauzelle

### 11h00-12h00 Update in Rhinology

**Chairs: Valérie Hox, tba**

11h00 Round table on the allergic treatment

**Panel members: Philippe Eloy, Charles Pilette, Anne-Sophie Vinck**

### 12h00-13h00 How I do it: Rhinoseptoplasty

**Chairs: Mark Jorissen, tba**

12h00 Tutorial: Rhinoseptoplasty

**Philippe Rombaux**

13h00 - 14h00 Lunch

### 14h00-15h00 Controversies in Thyroid Surgery

**Chairs: Tom Vauterin, tba**

14h00 Round table on controversies in thyroid surgery

**Panel members: Michel Mourad, Jeroen Meulemans**

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

**Chairs: Vincent Vander Poorten, tba**

15h00 Tutorial: Salivary pathology management

**Vincent Vander Poorten and Sébastien Van der Vorst**

16h00 - 16h30 Coffee break

### 16h30-17h15 Controversies in Rhinosinusitis Surgery

**Chairs: Jean-Baptiste Watelet, tba**

16h30 Round table on controversies in rhinosinusitis surgery

**Panel members: Valérie Hox, Thibaut Van Zele**

### 17h15-18h00 Update in Rhinology: the Trigeminal System

**Chairs: Anna Alkelai, tba**

17h15 Round table on the trigeminal system

**Panel members: Caroline Huart, Laura Van Gerven**

19h30- Congress Dinner

## ROOM: Foyer du Lac

### 08h30-10h36 B-Audio: Session I

**Chairs: Leen Maes, Patrick Verheyden**

08h30 Message from the B-Audio board **Jan Wouters**

08h40 **Invited Lecture / Selected Contribution:** Functional brain alterations following mild-to-moderate sensorineural hearing loss in children **Axelle Calcus**

#### **Oral Contributions: Vestibular Function**

09h00 Vestibular Infant Screening-Flanders (VIS-Flanders): vestibular screening results after one year and a half for hearing-impaired children in Flanders **Sarie Martens**

09h12 Cognitive function in acquired bilateral vestibulopathy: a cross-sectional study on cognition, hearing and vestibular loss **Bieke Dobbels**

09h24 2Balance: a cognitive-motor dual-task protocol for persons with vestibular disorders **Maya Danneels**

#### **Oral Contributions: Voices in the Human Brains**

09h36 Fast periodic auditory stimulation reveals a robust voice-selective electrophysiological response in the human brain **Francesca Barbero**

09h48 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*

### 11h06-12h24 B-Audio: Session II

**Chairs: Astrid van Wieringen, Thibert Robillard**

#### **Oral Contributions: Cochlear Implants**

11h06 Language and auditory data of children with single-sided deafness and a cochlear implant **Tine Arras**

11h12 Automated assessment of child speech interactions using cochlear implant data logging **Obaid Qazi**

11h24 Optimized stimuli for measuring auditory steady-state responses across the electrode array in CI users **Wouter David**

11h36 Quality of life outcomes after cochlear implantation in older adults: A systematic review **Ellen Andries**

11h48 Influence of audio-visual integration abilities and residual hearing on performances with cochlear implant in post-lingually deafened adults **Nancy Seghers**

12h00 Automated scoring algorithm for CVC Word List via self-administered audiometry application **Anke Plasmans**

12h12 Recording EEG from cochlear implant electrodes **Ben Somers**

13h30 - 14h00 *Lunch*



**13h30-14h00 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**

14h00 Auditory models in audiology: from diagnostics to sound perception **Sarah Verhulst**

**14h40-16h00 B-Audio: Session III**

**Chairs: Mark Laureyns, Cécile Ducène**

14h40 **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 Test as a new screening tool for noise-induced hearing loss to monitor military personnel in the Belgian Armed Forces – 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 headphone 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**

16h00-16h30 *Coffee break*

**16h30-17h48 B-Audio: Session IV**

**Chairs: Rudi Kuhweide, Axelle Calus**

**Oral Contributions: Tinnitus**

16h30 High Definition transcranial Direct Current (HD-tDCS) treatment for chronic tinnitus: a prospective longitudinal large cohort study **Laure Jacquemin**

16h48 Cognitive performance in chronic tinnitus patients: a cross-sectional study using the RBANS-H **Emilie Cardon**

17h00 The effect of tinnitus maskability on the amount of listening effort: a pilot study **Sofie Degeest**

**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

#### 08h30-09h30 Ethics and Economy: INAMI/RIZIV Fixed Pricing

*Chairs: Thibert Robillard, tba*

08h30	What do you know about INAMI/RIZIV	<i>Claire Beguin</i>
08h45	Impacts on academic structures	<i>Mark Jorissen</i>
09h00	Impacts on non-academic structures	<i>Frans Indestege</i>
09h15	Discussion	

#### 09h30-10h35 Ethics and Economy in Cochlear Implantation

*Chairs: Michel Gersdorff, Erwin Offeciers*

09h30	33 years of cochlear implantation in Belgium	<i>Michel Gersdorff and Erwin Offeciers</i>
09h45	CI in real life	<i>Olivier Gerain</i>
09h50	Economic aspects of CI in Belgium for INAMI/RIZIV	<i>Elisabeth Ngonlong Ekende</i>
10h05	Update in CI indications and reimbursement in Belgium	<i>Paul Van de Heyning and Naïma Deggouj</i>
10h25	CI surgical technics efficiency?	<i>Monique Decat</i>
10h35-11h00	<i>Coffee break</i>	

#### 11h00-11h20 Keynote lecture in Otology

*Chairs: Monique Decat, tba*

11h00	Is there EBM in schwannoma management?	<i>Thomas Somers</i>
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#### 11h20-12h30 Video-session in Otology

*Chairs: Monique Decat, tba*

11h20	Is endoscope more efficient than microscope in some ear surgeries?	<i>Panel members: Vedat Topsakal; Nicolas Mardyla, Hassan Chelly, Monique Decat</i>
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*Chairs: Philippe Lefebvre, tba*

11h45	Controversies about bone conduction implants	
	<ul style="list-style-type: none"><li>• Bone conduction implants</li><li>• Stop of more percutaneous bone conduction implants?</li><li>• Transcutaneous but not anchored Baha</li></ul>	<i>Bob Lerut</i> <i>Philippe Lefebvre</i> <i>Pierre Dohlen</i>

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

*Patrick Verloo*

13h00 - 14h00 *Lunch*

**14h00-14h45 Update in Otology**

*Chairs: Paul Avan, tba*

- 14h00 Rediscovery of hearing disorders with normal audiometry  
14h10 Brain detection of speech  
14h25 Peripheral disorders of sound features

*Naïma Deggouj  
Olivier Collignon  
Jan Wouters*

**14h45-15h15 Meniere Disease Diagnosis**

*Chairs: Jean-Philippe Van Damme, tba*

- 14h45 Postural tests in the diagnosis of Meniere disease  
15h00 Diagnosis of Meniere disease by imaging

*Paul Avan  
Andrzej Zarowski*

**15h15-16h10 How I do it: the Caloric Tests**

*Chairs: Vincent Van Rompaey, tba*

- 15h15 The caloric tests of the vertical canals and the cervico-vestibulo-ocular test in vestibular disorders assessment

*Pierre Miniconi*

16h15-16h45 *Farewell drink*

## ROOM: Foyer du Lac

### 09h35-10h30 Update in Phoniatics

**Chairs: Gauthier Desuter, tba**

09h35 **Keynote lecture:** The present and future of phoniatic surgery **Marc Remacle**

10h20 Video session in phoniatic surgery **Marc Remacle**

10h30-11h00 *Coffee break*

### 11h00-12h00 Update in ENT Cancer Therapy

**Chairs: Pierre Saintigny, tba**

11h00 Protontherapy in head and neck **Vincent Grégoire**

11h30 Is there still a place for surgery in head and neck cancer **Marc Hamoir**

### 12h00-12h45 Controversies in Phoniatics

**Chairs: Marc Remacle, tba**

12h00 Round table on controversies in voice disorders management today  
**Panel members: Mieke Moerman, Gauthier Desuter, Alejandra Rodriguez, Camille Fink**

13h00 - 14h00 *Lunch*

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

**Chairs: Philippe Rombaux, tba**

Polygraphy in children: a quick guide for beginners **Anne-Lise Poirier**  
Rapid maxillary expansion in children **Pierre Mahy**  
Where do we stand **An Boudewyns**

16h15-16h45 *Farewell drink*

## General Information

### Venue

The annual congress of the Royal Belgian Society of Oto- rhino-laryngology, Head and Neck surgery will take place on 22 and 23 November 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

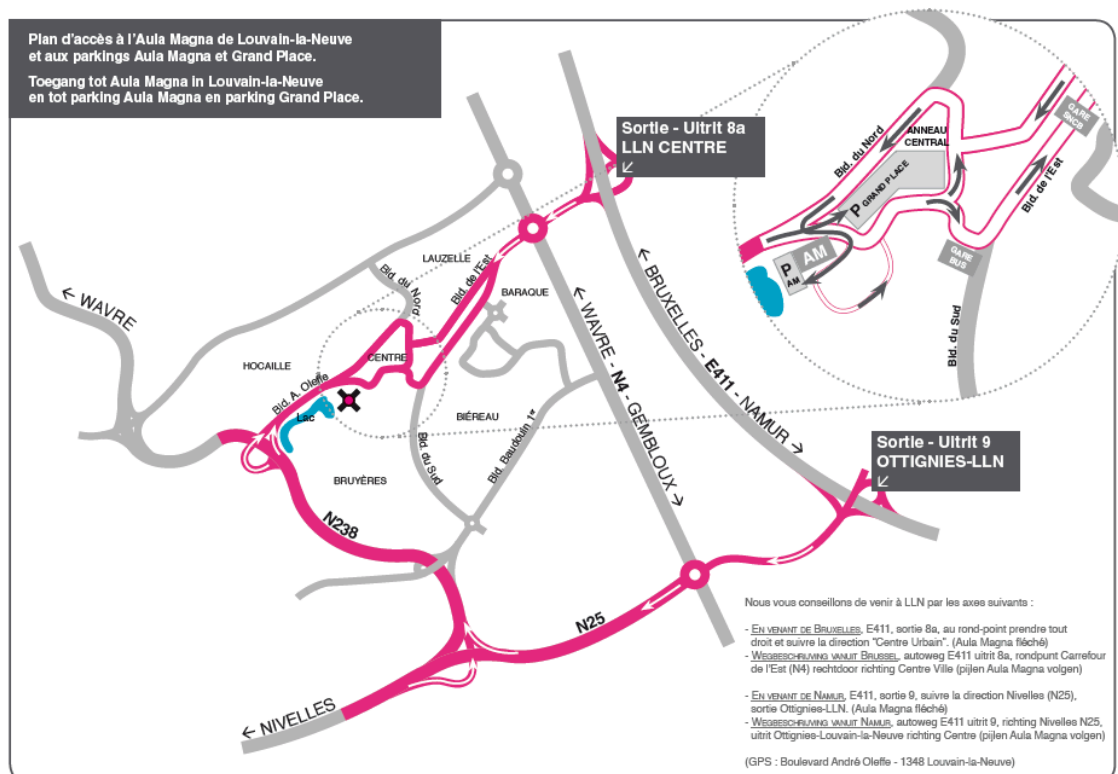
- From Brussels take highway E411 (direction of Namur-Luxembourg). Exit n° 8a (Louvain-la-Neuve Centre). At the round about located on the road N4, follow the signs 'Aula Magna'.
- From Namur take highway E411. Exit 9 (Ottignies-Louvain-la-Neuve). Direction Nivelles N25. Exit Ottignies-Louvain-la-Neuve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

### Kaartje insteken



### **By train**

The station is called 'Louvain-la-Neuve University' which is linked to Ottignies 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 through the stations Brussels North station and Brussels Midi station. Schedules are available at [www.belgianrail.be](http://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/Rechercheditineraire.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).