



Fall meeting of the  
Belgian Society of Pediatric Neurology  
Friday 20 November 2020



## Channels in paediatric neurology From physiopathology to therapeutic opportunities

Dear Colleagues

It is our great pleasure to invite you to the fall meeting of the Belgian Society of Pediatric Neurology which will take place in the center of Ghent, 20 November 2020. The theme of the scientific program is "Channels in paediatric neurology, from physiopathology to therapeutic opportunities" with the participation of experts in the field.

With kind regards

The team of Pediatric Neurology, University Hospital Ghent

### Coronavirus measures

**Due to the corona pandemic, the conference will take place virtually**

### Participation fee

BSPN member free of charge

Non-BSPN member 50 €

Students and residents 25 €

### Registration

Online registration on the website of the Belgian Society of Pediatric Neurology is required. **The link for participation will be sent later by email.**

### Payment

Bank transfer: IBAN BE38 2100 0475 5072 (BSPN); BIC GEBABEBB  
mention 'name + registration BSPN fall meeting 2020'.

### Free communications

Colleagues are encouraged to submit a scientific abstract. Free communications related to the main topic are most appreciated. Abstracts should be sent only by email to [helene.verhelst@uzgent.be](mailto:helene.verhelst@uzgent.be) **BEFORE 28 October 2020**.

Clearly indicate title, authors, address, and e-mail address. The abstract should be typed in Word and not exceed 2000 characters.

Meeting language will be **English**

**Accreditation** requested

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**Channels in paediatric neurology  
From physiopathology to therapeutic opportunities**



**Friday 20 November 2020**

**Adapted program**

- 09.45 – 10.15 Registration to the virtual congress
- 10.15 – 10.30 Welcome in Ghent  
*Helene Verhelst on behalf of the team of Pediatric Neurology Ghent*
- SESSION 1** Chairs: Liesbeth De Waele and Marie-Cécile Nassogne
- 10.30 – 11.00 Skeletal muscle sodium channelopathies : from myotonia to myopathy through periodic paralysis  
*Sophie NICOLE (Montpellier, France)*
- 11.00 – 11.30 Causes and consequences of disturbed brain ion and water homeostasis in the leukodystrophy MLC  
*Rogier Min (Amsterdam, The Netherlands)*
- 11.30 – 12.00 Connexin channels as targets to prevent blood-brain barrier leakage  
*Luc Leybaert (Ghent)*
- 12.00 – 12.40 Free communications
- 12.40 – 12.50 General assembly BSPN**
- 12.50 – 13.50 Thanks to the sponsors**
- SESSION 2** Chairs: Patricia Leroy and Berten Ceulemans
- 13.50 – 14.30 Free communications
- 14.30 – 15.00 Gain or Loss of function mutations in Kv7 channels: treatment implications for KCNQ2/3/5 encephalopathy  
*Sarah Weckhuysen (Antwerp)*
- 15.00 – 15.30 Epilepsies associated with SCN1A mutations  
*Lieven Lagae (Leuven)*
- 15.30 – 16.00 Neuronal ion channels: from channelopathies to gene therapy for intractable epilepsy  
*Dimitri Kullmann (London, UK)*