



Preliminary  
Program

# UNDERSTANDING CONGENITAL CMV INFECTION

## 3-4 october 2024

Updates on congenital CMV and research opportunities

Location: Auditorium Orchidee, UZ Leuven campus Gasthuisberg  
Herestraat 49, 3000 Leuven, Belgium

## Registration and abstract submission

Scan the QR code and register.

You can submit an abstract for a 10 minute oral presentation on your research.  
You can submit a 2-5 minute research proposal to brainstorm on interdisciplinary.



<https://forms.gle/LkqVdnoQS2QopuFV6>

## Registration fee

PhD students: free  
Residents/trainees: 50EUR  
Doctors/experts in field: 150EUR

Interuniversity Initiative Doctoral School of Biomedical Sciences

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## **Preliminary program “UNDERSTANDING CONGENITAL CMV INFECTION”**

3-4 OCTOBER 2024

### **Preliminary program**

#### DAY ONE

##### *Prenatal session*

9h-9h30 Global impact of cCMV (E. Van den Eede – Leuven, Belgium)

9h30-10h Screening for primary cCMV in Belgium and elsewhere (L. Noel– Liège, Belgium)

10h-10h30 Role of the placenta in cCMV infection (J. Fourgeaud – Paris, France)

#### **BREAK**

11h-12h: [Interactive expert panel discussion: Critical analysis of serological tests for CMV screening](#) (J. Fourgeaud , M-L. Delforge, D. De Geyter, E. Padalko, M. Depypere)

12h-12h30 Drugs and pharmacokinetics for secondary prevention of CMV (G. Andrei – Leuven, Belgium)

12h30-13h Prediction of fetal outcome by prenatal ultrasound imaging (L. Van der Veecken – Antwerp, Belgium)

#### **LUNCH**

##### *Radiology session*

14h-14h30 Current state and new modalities in fetal MRI in cCMV infection (C. Van de Walle – Ghent, Belgium)

14h30-14h50 Diffusion weighted imaging of the fetal brain to evaluate brain abnormalities (M. Aertsen – Leuven, Belgium)

14h50-15h10 The impact of fetal motion on DWI of the fetal brain (S. Leysen – Leuven, Belgium)

#### **BREAK**

15h30-17h [Presentation of European guidelines \(ECCI recommendation\) and expert panel discussion](#) (C. Donner, L. Noel, I. Foulon, L. Van der Veecken)

## DAY TWO

### *Postnatal session*

9h-9h30 Neonatal assessment of CMV (A. Keymeulen – Ghent, Belgium)

9h30-9h50h Neonatal imaging of CMV (C. Van de Walle – Ghent, Belgium)

9h50h-10h20 Neurological development (G. Naulaers – Leuven, Belgium)

10h20-10h40 Hearing impairment: pathophysiology, early detection and treatment (I. Foulon – Brussels, Belgium)

10h40-11h10 Vestibular dysfunction: pathophysiology, early detection and treatment (L. Maes - Ghent, Belgium)

### BREAK

### *Research opportunities*

11h30-12h Animal models and lessons learned (G. Andrei – Leuven, Belgium)

12h-12h30 Vaccination for CMV: role in pregnancy (B. Jacobs – Ghent, Belgium)

### LUNCH

13h30-15h30 [Presentation of CMV related projects by PhD/postdoc/research students](#)

- 10 minute oral presentations and discussion (abstract submission at registration)

### BREAK

16h-17h [Opportunities to enhance university CMV research based on current projects:](#)

[Expert panel \(C. De Coninck, E. Padalko, I. Foulon, L. Van der Veecken, M. Aertsen\)](#) & students who submitted a research proposal at registration

17h-17h30 Best oral presentation award and closing remarks (L. De Catte – Leuven, Belgium)