

## Module Objectives

Although providing advice on the management of children with infections (both common and complex infections) falls within the routine workload of clinical microbiologists and antimicrobial pharmacists working in general hospitals across Europe, as well as adult infectious diseases specialists on occasion, there are many fundamental differences between adults and children that impact on decision making. Not only are children vulnerable to a number of pathologies that most adults are protected from, the aetiology and presentation of infection in children often differs considerably. Sample collection in children can be extremely challenging and the effect of the microbiota can limit the utility of many tests in children. For these reasons, many microbiologists and clinical pharmacists feel less confident providing advice on children compared to adults, potentially resulting in unnecessary investigations, prolonged exposure to antimicrobials and diagnostic delays.

This course aims to address some of these issues through a series of case-based interactive workshops. Active participation will be maintained through on-line discussions and real-time voting. Key differences between children and adults will be highlighted and evidence based approaches to managing children will be presented. Discussions within these workshops will include the role of lumbar puncture in young infants with UTIs, conservative versus surgical management of atypical mycobacterial lymphadenitis in children, the role of pneumococcal urinary antigen testing in children with pneumonia, whether routine echocardiography is required in all children with staph aureus bacteraemia, investigating the baby with late onset sepsis, managing children following a significant exposure to pulmonary TB and many others. This case-based interactive approach has been used annually at the annual UK Federation of Infection Society (FIS) meeting and has received excellent feedback from microbiologists, pharmacists and infectious diseases specialists.

## Target Audience

Microbiologists, infection specialists and antimicrobial pharmacists (ie non-paediatric specialist audience).

## ESCMID Postgraduate Education Course

# Paediatric infection management for the microbiologist, infection specialist and antimicrobial pharmacist

**Veyrier-du-Lac, France**  
**5 – 6 September 2022**



## Contact

### For the scientific programme

Dr Sanjay Patel  
Mailpoint 43 Southampton  
Children's Hospital, Tremona Road,  
Southampton SO16 6YD,  
UK  
Phone: +44 7762181146  
Sanjay.patel@uhs.nhs.uk

### Administrative inquiries

Gaud Catho  
Division of Infectious Diseases,  
Geneva University Hospitals and  
Faculty of Medicine, Geneva  
Switzerland  
cathogaud@gmail.com

### Organisers

**Paediatric working group, ESCMID Study Group for Antimicrobial  
Stewardship (ESGAP)**

# ESCMID Postgraduate Education Course

## Organisation

### Module Venue

Les Pensieres, Centre for Global Health, France

55 Rte d'Annecy  
74290 Veyrier-du-Lac  
France

[www.lespensieres.org](http://www.lespensieres.org)

### Accommodation

The accommodation for participants not included in the course fee. Please note that accommodation is available at the venue itself, or find here two suggestions close to the course venue:

<https://www.hotel-les-muses.com/>

<https://www.atipikhotel.fr/index.php/en/accueil-english/>

### Registration Procedure

Register on the ESCMID website at [www.escmid.org/education](http://www.escmid.org/education) by **17 August 2022**.

The programme is specified in Central European Summer Time (CEST).

### Registration Fee

EUR 350 for ESCMID members

EUR 450 for non-ESCMID members

The registration fee does not include accommodation/ breakfast, travel or transfers to the course venue.

### Attendance Grant

ESCMID provides a number of attendance grants for ESCMID "young scientist members". The grant covers the registration fee, but not travel costs. Please apply via the ESCMID website at [www.escmid.org/education](http://www.escmid.org/education) before **24 July 2022**.

Applicants will be informed about their acceptance by **3 August 2022**.

### What is included in the Registration Fee:

- 2 day face-to-face course
- mid-morning and mid-afternoon coffee/snacks
- lunch on both days
- course dinner (evening 1)

# Course Programme

## Monday, 5 September 2022

09:00 – 09:30	<b>Overview of the course and introductions</b> <i>Sanjay Patel</i>
09:30 – 10:15	<b>Paediatric AMS - the differences between children and adults</b> <i>Julia Bielicki</i>
<b>COMMON INFECTION PHENOTYPES</b>	
10:30 – 11:15	<b>Complex pneumonia</b> <i>Sanjay Patel</i>
11:30 – 12:15	<b>Sepsis in the neonate (late onset sepsis)</b> <i>Elias Iosifidis</i>
12:30 – 13:15	<b>Meningitis and encephalitis in children – are rapid diagnostics friends or foes?</b> <i>Julie Toubiana</i>
13:15 – 14:15	<b>Lunch break</b>
14:15 – 15:00	<b>Therapeutic drug monitoring – practical aspects</b> <i>Uli von Both</i>
15:15 – 16:00	<b>Urinary tract infections</b> <i>Sanjay Patel</i>
16:15 – 17:00	<b>Atypical mycobacterial lymphadenitis</b> <i>Gaud Catho</i>
17:00 – 17:15	<b>Feedback after Day 1</b>
18:30	<b>Course dinner - Les Pensiers</b>

## Tuesday, 6 September 2022

09:00 – 09:45	<b>Implementing a paediatric antimicrobial stewardship service – role of the multidisciplinary team</b> <i>Julia Bielicki</i>
<b>RARER INFECTION PHENOTYPES</b>	
10:00 – 10:45	<b>Managing CLABSI in children</b> <i>Gaud Catho</i>
11:00 – 11:45	<b>Investigating the child with prolonged fever</b> <i>Julie Toubiana</i>
12:00 – 12:45	<b>Osteoarticular infections</b> <i>Uli von Both</i>
12:45 – 13:45	<b>Lunch break</b>
14:15 – 14:45	<b>Sepsis in the neonate (late onset sepsis)</b> <i>Elias Iosifidis</i>
15:00 – 15:45	<b>Invasive fungal infections in neonates</b> <i>Elio Castagnola</i>
16:00 – 16:45	<b>Significant exposure to pulmonary TB in a child</b> <i>Gaud Catho</i>
16:45 – 17:00	<b>Feedback after Day 2</b>