

## Target Audience

Postgraduate-level medical and non medical professionals interested in measles and other vaccine-preventable diseases.

## Faculty Members

Peter Aaby, Copenhagen, Denmark  
Guillaume Beraud, Poitiers, France  
Philippe Beutels, Antwerp, Belgium  
Shelly Bolotin, Toronto, Canada  
Patrick O'Connor, Geneva, Switzerland  
Brian Deer, London, United Kingdom  
Kumaran Deiva, Paris, France  
Rory De Vries, Rotterdam, The Netherland  
Olivier Epaulard, Grenoble, France  
Emmanuel Faure, Lille, France  
Francesco Gesualdo, Roma, Italy  
Gregor P. Greslehner, Wien, Austria  
Farid Guetarni, Paris, France  
Niel Hens, Hasselt, Belgium  
Mark Honigsbaum, London, United Kingdom  
Eric Kipnis, Lille, France  
Yvonne Maldonado, Palo Alto, USA  
Hanna Nohynek, Helsinki, Finland  
Patrick Peretti-Watel, Marseille, France  
Jeremy Ward, Paris, France  
Ryoko Sato, Boston, USA  
Frédéric Tangy, Paris, France  
Pierre Verger, Marseille, France

## Organisers

ESCMID Study Group on Vaccines - EVASG  
French Infectious Disease Society - SPILF  
Groupe Vaccination Prévention de la SPILF

## Course Coordinators

Guillaume Beraud, Poitiers, France  
Olivier Epaulard, Grenoble, France  
Farid Guetarni, Paris, France

## Course Objective

To understand all the current aspects of measles in the 21th century, to provide an up-to-date assessment on the feasibility of measles eradication, to identify the optimal strategies to be implemented for measles eradication and to provide a plan to be implemented in view of measles eradication.



MANAGING INFECTIONS  
PROMOTING SCIENCE

## ESCMID Postgraduate Education Course

# Measles in the 21th century: Is eradication possible and how?

Paris, France  
8 – 10 March 2023



## Contact

### Administrative Secretariat

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Infectiologie, CHU Grenoble Alpes  
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# ESCMID Postgraduate Education Course

## Organisation

### Course Venue

Conservatoire National des Arts et Métiers  
292 Rue Saint-Martin  
75003 Paris  
France

### Registration Procedure

Register on the ESCMID website at [www.escmid.org/education](http://www.escmid.org/education) by 1 February 2023.

Detailed information are provided on [www.eradicatemeasles.org](http://www.eradicatemeasles.org)

### Registration Fee

#### Onsite attendance:

EUR 350 for ESCMID members  
EUR 480 for all others

#### Online attendance

EUR 80 for ESCMID members  
EUR 140 for all others

The fees cover the access to the course materials, 3 days of lunch and coffee breaks. It also includes access to all the recordings of the course. Travel and hotel reservations are not included. A list of hotels and hostels will be provided.

### Attendance Grants

ESCMID provides a number of attendance grants for ESCMID “young scientist members”. The grant covers the registration fee, but not travel or accommodation costs. Please apply via the ESCMID website at [www.escmid.org/education](http://www.escmid.org/education) before 8 January 2023. Applicants will be informed about their acceptance by 19 January 2023.

### CME Accreditation

The organiser of the course will apply for European CME accreditation through EACCME.

More information is provided by the course coordinator [here](#).

# Course Programme

## Wednesday, 8 March 2023

11:00 – 11:15 **Welcoming the attendees**  
*Guillaume Beraud, Olivier Epaulard, Farid Guetarni*

11:15 – 12:05 **History of measles**  
*Mark Honigsbaum*

12:05 – 12:55 **Epidemiology of Measles today: Where are we now?**  
*Patrick O'Connor*

12:55 – 14:00 **Lunch break**

14:00 – 14:50 **Physiopathology of measles**  
*Rory De Vries*

14:50 – 15:40 **Immune response to measles infection [and to vaccine]**  
*Shelly Bolotin*

15:40 – 16:10 **Measles vaccines: an overview**  
*Frédéric Tangy*

16:10 – 16:20 **Break**

16:20 – 17:10 **An economic point of view on measles**  
*Philippe Beutels*

17:10 – 17:40 **Burden of measles: A global perspective**  
*Ryoko Sato*

17:40 **Conclusion of the day**

19:00 **Social event**

## Thursday, 9 March 2023

09:00 – 09:50 **Typical, atypical and unrecognized measles in children, adolescents and adults**  
*Yvonne Maldonado*

09:50 – 10:40 **Neurological complications for measles: Diagnosis and treatment**  
*Kumaran Deiva*

10:40 – 11:05 **Management of severe forms of measles**  
*Eric Kipnis*

11:05 – 11:25 **Measles in adults**  
*Guillaume Beraud*

11:25 – 11:35 **Break**

11:35 – 12:25 **Therapeutics for measles?**  
*Emmanuel Faure*

12:05 – 12:35 **Post-exposure prophylaxis**  
*Olivier Epaulard*

12:35 – 14:00 **Lunch break**

14:00 – 14:30 **Big data to tackle measles epidemics**  
*Farid Guetarni*

14:30 – 15:20 **Could we improve vaccine campaigns?**  
*Hanna Nohynek*

15:20 – 16:10 **Non-specific effect of vaccines: How can we use it?**  
*Peter Aaby*

16:10 – 16:25 **Break**

16:25 – 16:55 **A brief introduction to mathematical models: Why they are fun, easy to build but primarily useful**  
*Guillaume Beraud*

16:55 – 17:45 **Mathematical model for measles: What can we learn and what can we predict regarding measles and measles eradication?**  
*Niel Hens*

17:45 **Conclusion of the day**  
*Olivier Epaulard & Guillaume Beraud*

19:00 **Social event**

## Friday, 10 March 2023

09:00 – 09:40 **Vaccine hesitancy in social media: The measles case**  
*Francesco Gesualdo*

09:40 – 10:20 **How to tackle vaccine hesitancy**  
*Patrick Peretti-Watel & Pierre Verger*

10:20 – 11:00 **How to fool the world 101**  
*Brian Deer*

11:00 – 11:15 **Break**

11:15 – 11:55 **A philosophical perspective on measles and its eradication**  
*Gregor P. Greslehner*

11:55 – 12:40 **The road to Measles eradication: What is the plan?**  
*Experts panel*

12:40 – 13:00 **Conclusion of the seminar and feedback from participants**

13:00 **Lunch and departure**