

Target Audience

Infectious diseases, infection control, microbiologists, virologists, pathologists, forensic physicians, public health practitioners, geriatricians, vaccine developers

Faculty Members

Amparo Fernandez-Rodriguez, Madrid, Spain
Christoph Brochhausen-Delius, Regensburg, Germany
Domitille Callon, Reims, France
Eskild Petersen, Aarhus, Denmark
Fulvia Serra, Sion, Switzerland
Grégoire Arnoux, Geneva, Switzerland
John Rossen, Zwolle, The Netherlands
Juan Daniel Prieto Cuadra, Málaga, Spain
Marco Falcone, Pisa Italy
Marta C. Cohen, Sheffield, United Kingdom
Mikel Martínez Yold, Barcelona, Spain
Murat Nihat Arslan, Istanbul, Turkey
Veroniek Saegeman, Sint-Niklaas, Belgium

Course Objectives

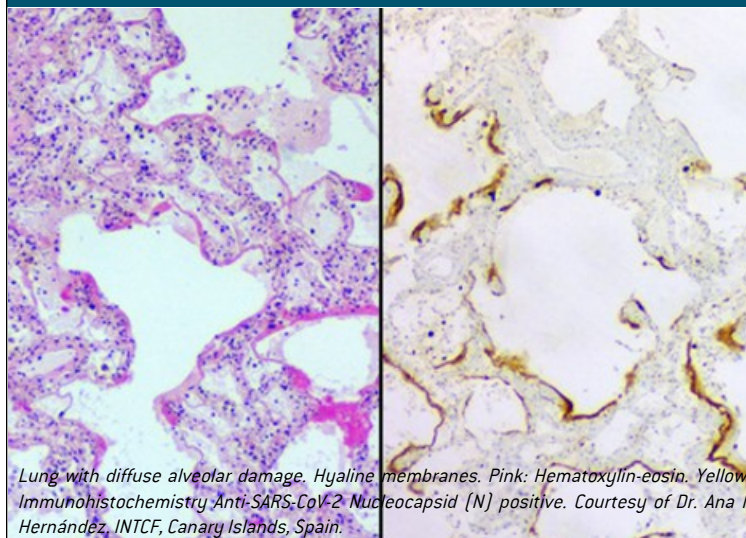
The COVID-19 pandemic has shown how difficult the management of new or re-emerging infections can be. The current course will cover lessons learned in forensic medicine that can help to improve their management in elderly and vulnerable patients. This course will use translational medicine to show how pathophysiology and autopsy studies can help clinicians in the preparedness for new and re-emerging infections or even future pandemics.



ESCMID Postgraduate Education Course

What can forensic medicine teach us for the management of pandemics?

Online Education Course 1 - 2 March 2023



Lung with diffuse alveolar damage. Hyaline membranes. Pink: Hematoxylin-eosin. Yellow: Immunohistochemistry Anti-SARS-CoV-2 Nucleocapsid (N) positive. Courtesy of Dr. Ana I. Hernández, INTCF, Canary Islands, Spain.

Contact

For the scientific programme

Amparo Fernandez-Rodriguez

Microbiology Laboratory, Biology Service
Instituto Nacional de Toxicología y Ciencias
Forenses José Echegaray, N°4
28232 Madrid, Spain

+34917688944

amparo.fernandezrodriguez@justicia.es

Administrative inquiries

Veroniek Saegeman
Microbiology and Infection Prevention Dept
Vitaz Hospital
Moerlandstraat 1
9100 Sint-Niklaas, Belgium

+32476239952

veroniek.saegeman@uzleuven.be



ESCMID Postgraduate Education Course

Organisers

ESCMID Study Group for Forensic and Postmortem Microbiology (ESGFOR)

ESCMID Study Group for Infections in the Elderly (ESGIE)

Sociedad Española de Patología Forense (SEPAF)

Course Coordinators

Amparo Fernandez-Rodriguez, Madrid, Spain

Marta C Cohen, Sheffield, United Kingdom

Veroniek Saegeman, Sint-Niklaas, Belgium

Virginie Prendki, Genève, Switzerland

Organisation

Registration Procedure

Register on the ESCMID website at www.escmid.org/education by **27 February 2023**.

Registration Fee

EUR 75 for ESCMID Member/SEPAF Member

EUR 125 for non-ESCMID members

EUR 30 for ESCMID Young Scientist Members/LMICs

Reduced registrations will be available for trainees presenting a poster about forensic microbiology/ forensic pathology. Please send a motivational letter and abstract (250 words) requesting it to amparo.fernandezrodriguez@justicia.es no later than 1st February 2023.

CME Accreditation

The organizers of the module have applied for European CME accreditation through EACCME.

Course Programme

Wednesday 1 March 2023

Pandemics and forensic medicine

15:00 – 15:30 **How autopsies can teach the clinician to improve clinical practice: virtual autopsy vs. classical autopsya**

Marta Cohen

15:30 – 16:00 **Minimal invasive autopsy in pandemic times**

Mikel Martínez Yoldi

16:00 – 16:30 **Close collaboration between pathologists and intensivists to understand (not just Corona-virus) diseases**

Christoph Brochhausen-Delius

16:30 – 17:00 **Lung involvement in COVID-19: microbiological and pathological findings**

Amparo Fernandez-Rodriguez

17:00 – 17:15 **Discussion panel**

17:15 – 17:30 **Coffee Break**

17:30 – 18:00 **Autopsy contribution to the management of nosocomial infections**

Juan Daniel Prieto Cuadra

18:00 – 18:30 **Pathology related to SARS-CoV-2 infection**

Fulvia Serra

18:30 – 19:00 **Case presentations from the geriatrics dept and sense of autopsy data**

Veroniek Saegeman

19:00 – 19:30 **Short presentations by attendees**

19:30 – 20:00 **Discussion panel**

Thursday 2 March 2023

Pandemics and forensic medicine

15:00 – 15:30 **What is driving emerging infections?**

Eskild Petersen

15:30 – 16:00 **Autopsies as tools to detect emerging pathogens: recent experience**

Murat Nihat Arslan

16:00 – 16:30 **What autopsies have told us about the pathophysiology of COVID**

Eskild Petersen

16:30 – 17:00 **Vaccination and COVID-19 fatalities – autopsy clues**

Domitille Callon

17:00 – 17:15 **Discussion panel**

17:15 – 17:30 **Coffee Break**

17:30 – 18:00 **Exploitation of microbial forensics and nanotechnology for the monitoring of emerging pathogens**

John Rossen

18:00 – 18:30 **What have we learned from the COVID pandemic in elderly care settings for future preparedness?**

Marco Falcone

18:30 – 19:00 **New and re-emerging pathogens detected in autopsy in children**

Marta C. Cohen

19:00 – 19:30 **Short presentations by attendees**

19:30 – 20:00 **Discussion panel & Course closing**