

PROGRAM

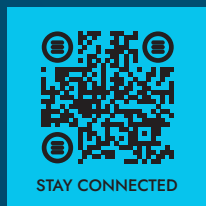
• JUNE, 25 > 27 •



euroneuro2025

UPDATE ON NEUROANESTHESIA
& NEURO-INTENSIVE CARE

Health Sorbonne University
Paris, France



euroneuro2025.com





▶ **AMPHITHEATER 1** 9:30 AM > 9:50 AM **OPENING CEREMONY WELCOME ADDRESS.**

9:50 AM > 10:20 AM | TBI, FROM ACUTE TO A CHRONIC DISEASE

David MENON, Cambridge, United Kingdom

10:20 AM > 11:10 AM | BRAIN METABOLISM

Chair: Mads RASMUSSEN, Århus, Denmark

- Is there a place for ketones in acute brain injury?
Filippo ANNONI, Brussels, Belgium
- Is there a place for lactates in acute brain injury?
Hervé QUINTARD, Geneva, Switzerland
- Physiology of brain fueling.
Jonathan COLES, Cambridge, United Kingdom

11:10 AM > 12:20 PM | NEUROINFLAMMATION IN TBI

Chairs: Geert MEYFROIDT, Leuven, Belgium and Vincent DEGOS, Paris, France

- Stem cell transplantation in traumatic brain injury.
Stéphanie SIGAUT, Paris, France
- Neuroprotection in traumatic brain injury.
Elisa ZANIER, Milan, Italy
- Immunodepression and acute brain injury.
Antoine ROQUILLY, Nantes, France

12:20 PM > 12:35 PM | LUNCH BOXES DISTRIBUTION

12:35 PM > 1:35 PM SYMPOSIUM.

1:35 PM > 2 PM | COFFEE BREAK AND BOOTH VISIT

2 PM > 3 PM | SPINE SURGERY

Chairs: Alice JACQUENS, Paris, France and Mathieu VAN DER JAGT, Rotterdam, Netherlands

- Regional anesthesia for spine surgery.
Arthur ANDRÉ, Paris, France
- Intraoperative neuromonitoring for spine surgery.
Pierre PANDIN, Brussels, Belgium
- Patient blood management in spine surgery.
Sigismond LASOCKI, Angers, France

3 PM > 4 PM | STROKE

Chair: Russell CHABANNE, Clermont-Ferrand, France

- Anterior circulation arterial ischemic stroke: recommendations.
Guillaume TURC, Paris, France
- Posterior circulation arterial ischemic stroke: recommendations.
Benjamin MAÏER, Paris, France
- Coagulation management in stroke.
Charlotte CORDONNIER, Lille, France

4 PM > 4:30 PM | COFFEE BREAK AND BOOTH VISIT

4:30 PM > 5:30 PM | ELECTRO-ENCEPHALOGRAPHY

Chairs: Hervé QUINTARD, Geneva, Switzerland and Fabio TACCONE, Brussels, Belgium

- Electroencephalography in neurointensive care.
Jan CLAASSEN, New-York, USA
- Management of refractory status epilepticus.
Nicolas GASPARD, Brussels, Belgium
- Multimodality monitoring and data integration in refractory status epilepticus.
Baptiste BALANÇA, Lyon, France

5:30 PM > 6:30 PM | SPONTANEOUS INTRACRANIAL HAEMORRHAGE

Chairs: Romain MANET, Lyon, France and Clément GAKUBA, Caen, France

- Causes of intracranial haemorrhage and follow-up.
Charlotte CORDONNIER, Lille, France
- Surgical management of intracranial haemorrhage (mini-invasive surgery and hemicraniectomy).
Stefan WOLF, Berlin, Germany
- Anticoagulation management after spontaneous intracranial haemorrhage.
Katja WARTENBERG, Leipzig, Germany

▶ **AMPHITHEATER 2** 9:30 AM > 9:50 AM **OPENING CEREMONY WELCOME ADDRESS.**

9:50 AM > 10:20 AM | TBI, FROM ACUTE TO A CHRONIC DISEASE

David MENON, Cambridge, United Kingdom

10:20 AM > 11:10 AM | NEUROSCIENCES (NICIS COURSES)



Chairs: Katja WARTENBERG, Leipzig, Germany and Aurélien MAZERAUD, Paris, France

- Clinical relevance of glymphatic dysfunction in acute brain injury.
Martin Kaag RASMUSSEN, Copenhagen, Denmark
- Aging and gender effects in acute brain injury.
Alice JACQUENS, Paris, France
- Role of biomarkers in acute brain injuries.
Stefania MONDELLO, Messina, Italy

11:10 AM > 12:20 PM | TRAUMATIC BRAIN INJURY

Chairs: Laurent GERGELÉ, Clermont-Ferrand, France and Thomas GABEREL, Caen, France

- Which intracranial pressure tier for cerebrospinal fluid drainage?
Fabio TACCONE, Brussels, Belgium
- Neurosurgery for severe traumatic brain injury.
Romain MANET, Lyon, France
- Chronic subdural hematoma.
Alessandro BERTUCCIO, Alessandria, Italy

12:20 PM > 12:35 PM | LUNCH BOXES DISTRIBUTION

12:35 PM > 1:35 PM SYMPOSIUM.

1:35 PM > 2 PM | COFFEE BREAK AND BOOTH VISIT

2 PM > 3 PM | NEUROANESTHESIA

Chairs: Stéphanie SIGAUT, Paris, France and Martin Kaag RASMUSSEN, Copenhagen, Denmark

- What neuromonitoring for anesthesia?
Francesco RASULO, Brescia, Italy
- Hemodynamic management in intracranial surgeries.
Marko SAHINOVIC, Groningen, Netherlands
- Sevoflurane or propofol in neurosurgery?
Francisco LOBO, Porto, Portugal

3 PM > 4 PM | ARTIFICIAL INTELLIGENCE

Chairs: Jan CLAASSEN, New-York, USA and Niklas NIELSEN, Lund, Sweden

- AI to predict the severity of acute brain injury and raised intracranial pressure.
Mathieu VAN DER JAGT, Rotterdam, Netherlands
- AI to help decision-making in traumatic brain injury.
Taubias GAUSS, Grenoble, France
- AI to help electroencephalogram patterns analysis.
Nicolas GASPARD, Brussels, Belgium

4 PM > 4:30 PM | COFFEE BREAK AND BOOTH VISIT

4:30 PM > 5:30 PM | HAEMORRHAGIC STROKE

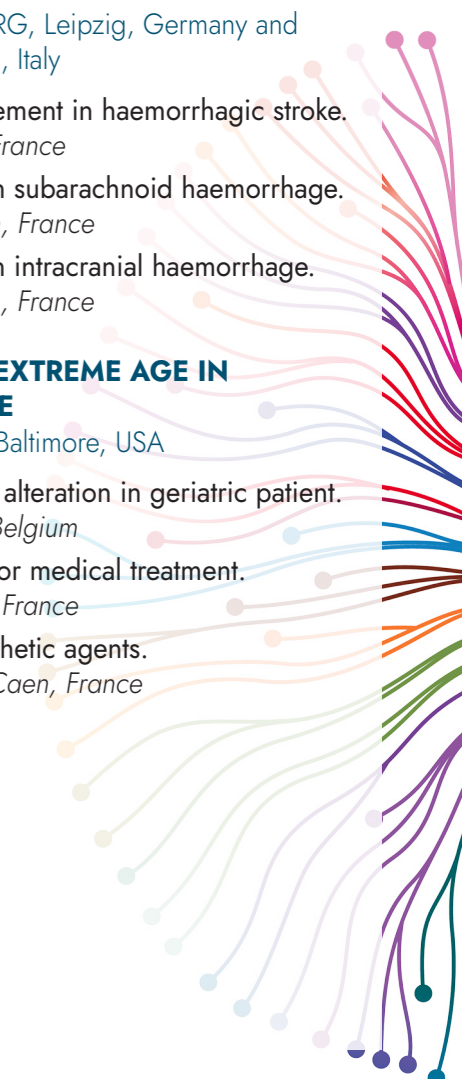
Chairs: Katja WARTENBERG, Leipzig, Germany and Giuseppe CITERIO, Milan, Italy

- Anticoagulation management in haemorrhagic stroke.
Vincent DEGOS, Paris, France
- Intrathecal fibrinolysis in subarachnoid haemorrhage.
Thomas GABEREL, Caen, France
- Intrathecal fibrinolysis in intracranial haemorrhage.
Clément GAKUBA, Caen, France

5:30 PM > 6:30 PM | EXTREME AGE IN NEUROCRITICAL CARE

Chair: Robert STEVENS, Baltimore, USA

- Postoperative cognition alteration in geriatric patient.
Sarah SAXENA, Mons, Belgium
- Pediatrics specificities for medical treatment.
Jérémy PEUCHOT, Paris, France
- Toxicity of inhaled anesthetic agents.
Jean-Philippe SALAÛN, Caen, France





ROOM 1

10:20 AM > 11:10 AM | CARDIAC ARREST

Chair: Louis PUYBASSET, Paris, France

- Post-ressuscitation shock.
Fabio TACCONE, Brussels, Belgium
- How do I manage targeted-temperature?
Claudio SANDRONI, Roma, Italy
- Early prognostication in cardiac arrest.
Niklas NIELSEN, Lund, Sweden

11:10 AM > 12:20 PM | NEUROSCIENCES

Chairs: Stefania MONDELLO, Messina, Italy and Thomas GEERAERTS, Toulouse, France

- Should brain temperature be monitored in neurocritical care? *Nicolas ENGRAND, Paris, France*
- Uncertainty in decision making for neurocritical care.
Robert STEVENS, Baltimore, USA
- Specificities of clinical research in neurocritical care.
Alexis TURGEON, Quebec City, Canada

12:20 PM > 12:30 PM | BREAK AND BOOTH VISIT

12:30 PM > 1 PM BD WORKSHOP



1 PM > 1:15 PM | BREAK AND BOOTH VISIT

1:15 PM > 1:45 PM NEUROPTICS WORKSHOP



1:45 PM > 2 PM | BREAK AND BOOTH VISIT

2 PM > 3:50 PM | BEST ABSTRACT - NEUROANESTHESIA

Chairs: Jennifer BOURGES, Caen, France and Gérard AUDIBERT, Nancy, France

3:50 PM > 4:20 PM | COFFEE BREAK AND BOOTH VISIT

4:20 PM > 5:30 PM | WORKSHOP - CEREBRAL COMPLIANCE

Chair: András BÜKI, Örebro, Sweden

Session sponsored by



- Pressure mechanisms and current bedside assessment.
Laurent GERGELÉ, Clermont-Ferrand, France
- Volume mechanisms and osmolarity: Brain compliance as an objective?
Céleste DIAS, Porto, Portugal
- Volume mechanisms, CO₂ and metabolic coupling
Russell CHABANNE, Clermont-Ferrand, France

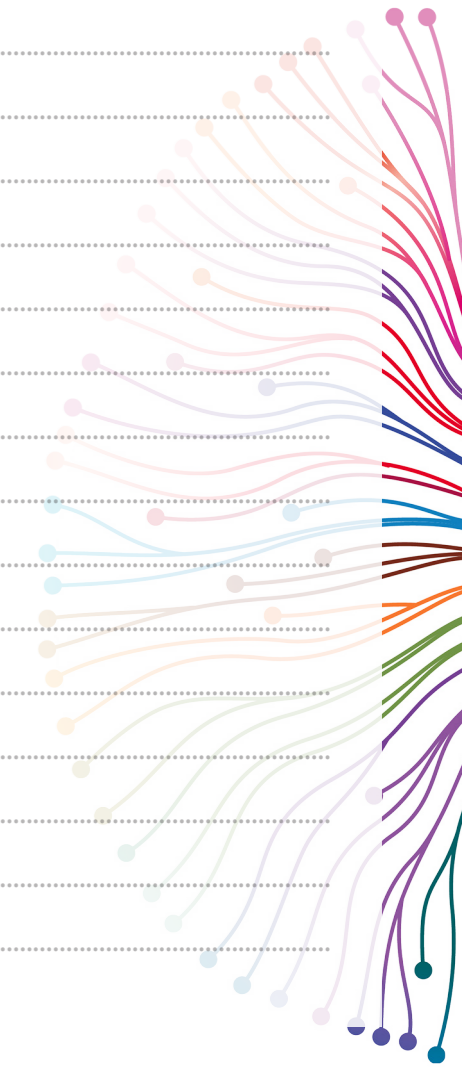
5:30 PM > 6:30 PM | ORGAN DONATION

Chairs: Francesco RASULO, Brescia, Italy and Francisco LOBO, Porto, Portugal

- How to diagnose brain death?
Giuseppe CITERIO, Milan, Italy
- How do I manage organ donor in intensive care unit?
Geert MEYFROIDT, Leuven, Belgium
- Non-heart beating donor procedures.
Matthieu LE DORZE, Paris, France

NOTEBOOK

A series of horizontal dashed lines for taking notes.





ROOM 1

8:30 AM > 8:50 AM | STATE OF THE ART - SEIZURE MANAGEMENT IN 2024

Chairs: Chiara ROBBA, Genova, Italy and Baptiste BALANÇA, Lyon, France
Nicolas GASPARD, Brussels, Belgium

8:50 AM > 10:10 AM | WORKSHOP - EEG BASICS

Baptiste BALANÇA, Lyon, France

10:10 AM > 10:30 AM | COFFEE BREAK AND BOOTH VISIT

10:30 AM > 12:20 PM | BEST ABSTRACTS - NEUROSCIENCES

Chair: Jean-François PAYEN, Grenoble, France

12:20 PM > 12:35 PM | BREAK AND BOOTH VISIT

12:35 PM > 1:15 PM | IDMED WORKSHOP - QUANTITATIVE PUPILLOMETRY



Chair: Jean-François PAYEN, Grenoble, France
- Physiology and Technology behind NeuroLight: Understanding the Foundations of Quantitative Pupillometry. Chiara ROBBA, Genova, Italy
- Q&A session
- Clinical Applications of Quantitative Pupillometry in Critical Care: Neuromonitoring and Prognostication. Hervé QUINTARD, Geneva, Switzerland
- Q&A session

1:15 PM > 2 PM | BREAK AND BOOTH VISIT

2 PM > 3:20 PM | WORKSHOP - DEPTH OF ANESTHESIA

Lionel VELLY, Marseille, France

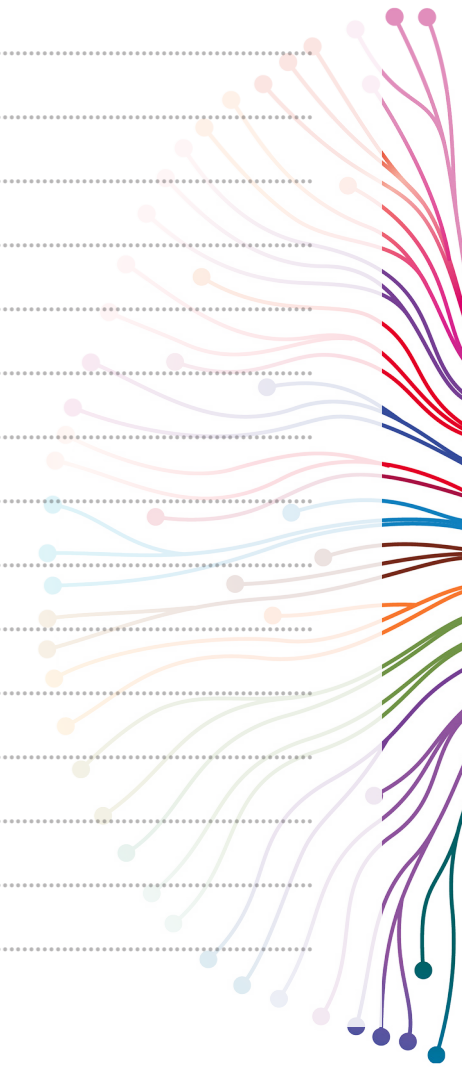
3:20 PM > 3:50 PM | COFFEE BREAK AND BOOTH VISIT

3:50 PM > 5:30 PM | BEST ABSTRACTS - NEUROCRITICAL CARE

Chair: Mathieu VAN DER JAGT, Rotterdam, Netherlands

NOTEBOOK

Series of horizontal dashed lines for taking notes.





▶ AMPHITHEATER 1

8:30 AM > 9:30 AM | BRAIN OXYGENATION

Chairs: Marko SAHINOVIC, Groningen, Netherlands and Jean-François PAYEN, Grenoble, France

- Transfusion threshold in traumatic brain injury and subarachnoid haemorrhage. Alexis TURGEON, Quebec City, Canada
- Monitoring of brain oxygenation. Fabio TACCONI, Brussels, Belgium
- Impact of hyperoxia in acute brain injuries? Rafael BADENES, Valencia, Spain

9:30 AM > 10:30 AM | NEUROANESTHESIA

Chairs: Sarah SAXENA, Mons, Belgium and Jennifer BOURGES, Caen, France

- Invasive and non invasive ICP monitoring: Neurosurgeon or Intensivist? Who's job is it? Francesco RASULO, Brescia, Italy
- Anesthetic technique and delirium. Sarah SAXENA, Mons, Belgium
- Neurosurgical procedures and frailty. Stéphanie SIGAUT, Paris, France

10:30 AM > 11:10 AM | COFFEE BREAK AND BOOTH VISIT

11:10 AM > 12:30 PM | TARGETING SECONDARY BRAIN INJURY

Chairs: Chiara ROBBA, Genova, Italy and Fabio TACCONI, Brussels, Belgium

- Spreading depolarization in neurological disease. Jens DREIER, Berlin, Germany
- Hyponatremia in traumatic brain injury. Hervé QUINTARD, Geneva, Switzerland
- Glycemic control in acute brain injury. Jeroen HERMANIDES, Amsterdam, Netherlands
- Role of the carbon dioxide. Rafael BADENES, Valencia, Spain

12:30 PM > 1 PM | NEUROSCIENCES - THERAPIES TO RESTORE CONSCIOUSNESS IN PATIENTS WITH SEVERE BRAIN INJURIES.

Robert STEVENS, Baltimore, USA

1 PM > 2 PM | LUNCH BREAK AND BOOTH VISIT

▶ AMPHITHEATER 2

8:30 AM > 10:10 AM | IMMUNITY AND NERVOUS SYSTEM (NICIS COURSES)



Chair: Antoine ROQUILLY, Nantes, France

- How the brain senses and regulates peripheral immune responses? Gabriel LEPOUSEZ, Paris, France
- NMDA encephalitis. Clémence MAROIS, Paris, France
- Peripheral nervous system: prognostication. Tarek SHARSHAR, Paris, France
- Immune dysregulation after TBI. Edward NEEDHAM, Cambridge, United Kingdom
- Early and late neuroinflammation in acute brain injury. Pierre GRESSENS, Paris, France

10:10 AM > 10:40 AM | COFFEE BREAK AND BOOTH VISIT

10:40 AM > 11:30 AM | NEUROMONITORING

Chairs: Hervé QUINTARD, Geneva, Switzerland and Federico BILOTTA, Roma, Italy

- Which place for cerebral oxygenation monitoring? Pierre BOUZAT, Grenoble, France
- Intracranial pressure: more than a number? Giuseppe CITERIO, Milan, Italy
- Continuous EEG: what does it offer? Baptiste BALANÇA, Lyon, France

11:30 AM > 1 PM | NEUROANESTHESIA

Chairs: Nicolas BRUDER, Marseille, France and Alessandro BERTUCCIO, Alessandria, Italy

- Complex or giant aneurysms management. Thomas GABEREL, Caen, France
- Extracranial bypass: the surgeon point-of-view. Etienne LEFEVRE, Paris, France
- Hemodynamic target in intracranial surgery. Marko SAHINOVIC, Groningen, Netherlands
- Perioperative neuroprotection. Federico BILOTTA, Roma, Italy

1 PM > 2 PM | LUNCH BREAK AND BOOTH VISIT

▶ ROOM 1

8:30 AM > 8:50 AM | CEREBRAL AUTOREGULATION: WHERE ARE WE IN 2025?

Chairs: Laurent GERGELÉ, Clermont-Ferrand, France and Erta BEQIRI, Cambridge, United Kingdom

8:50 AM > 10:10 AM | WORKSHOP - BRAIN ULTRASONOGRAPHY

Hugues DE COURSON, Bordeaux, France and Lamine ABDENNOUR, Paris, France

10:10 AM > 10:40 AM | COFFEE BREAK AND BOOTH VISIT

10:40 AM > 11:40 AM | NEUROINFECTIOUS DISEASES

Chair: Tarek SHARSHAR, Paris, France

- Bacterial meningitis. Raimund HELBOK, Linz, Austria
- External ventricular drainage-related infection. Claire DAHYOT-FIZELIER, Poitiers, France
- Brain abscess. Jacob BODILSEN, Aalborg, Denmark

11:40 AM > 1 PM | SEPSIS AND NERVOUS SYSTEM

Chairs: Claire DAHYOT-FIZELIER, Poitiers, France and Loïc LE GUENNEC, Paris, France

- Delayed awakening in neurocritical care. Tarek SHARSHAR, Paris, France
- Septic encephalopathy: pathophysiology. Aurélien MAZERAUD, Paris, France
- ICU-acquired weakness. Marc LEONE, Marseille, France
- Long-term cerebral consequences of sepsis. Tarek SHARSHAR, Paris, France

1 PM > 2 PM | LUNCH BREAK AND BOOTH VISIT

