

14 > 16 APRIL 2021 | SPRING IN PARIS

EURONEURO 2021 | 11TH EDITION



UPDATE ON NEUROANESTHESIA & NEURO-INTENSIVE CARE

FACULTIES

- AR Absalom (Gröningen)
- P Amorim (Porto)
- P Bouzat (Grenoble)
- S Bracard (Nancy)
- N Bruder (Marseille)
- J Claassen (New York)
- A deCrouy (Paris)
- V Degos (Paris)
- C de Deyne (Genk)
- T Geeraerts (Toulouse)
- JC Hemphill (San Francisco)

- R Heylen (Genk)
- I Laffont (Montpellier)
- S Lagarde (Marseille)
- F Lobo (Doha)
- AC Lukaszewicz (Lyon)
- M Mazighi (Paris)
- D Menon (Cambridge)
- M Oddo (Lausanne)
- JF Payen (Grenoble)
- F Proust (Strasbourg)
- L Puybasset (Paris)

- A Raabe (Zurich)
- J Regis (Marseille)
- C Robba (Milan)
- T Sharshar (Paris)
- M Smith (London)
- R Stevens (Baltimore)
- F Taccone (Brussels)
- R Valero (Barcelona)
- L Velly (Marseille)
- X Willaert (Genk)
- P Andrews (Glasgow)

- G Citerio (Milan)
- A Dahan (Leiden)
- B Matta (Cambridge)
- L Rasmussen (Copenhagen)
- W Stewart (Glasgow)
- A Roquilly (Nantes)
- R Helbok (Innsbruck)
- B. Vigué (Paris)

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WEDNESDAY, APRIL 14TH 2021 | EURONEURO 2021 | 11TH EDITION

AMPHITHÉÂTRE BERLIOZ

7:30AM

REGISTRATION

SESSION 1

09:00AM - 09:15AM
09:15AM - 10:00AM

OPENING SESSION

Welcome
Opening lecture > *Cathy DE DEYNE & René HEYLEN*

10:00 - 10:30AM

BREAK

SESSION 2

10:30AM - 12:30PM

TRAUMATIC BRAIN INJURY

MANAGEMENT OF TRAUMATIC BRAIN INJURY: LESS IS BETTER?

ICP: from invasive to non-invasive assessment? > *Chiara ROBBA*
From hypothermia to targeted temperature management > *Peter ANDREWS*
Oxygenation for the injured brain: not too little, not too much? > *Pierre BOUZAT*
Optimal CPP: toward individual patient management > *Ari ERCOLE*

12:30PM - 02:00PM

LUNCH

SESSION 3

02:00PM - 03:30PM

TRAUMATIC BRAIN INJURY

TBI, ANTICOAGULANTS, ANTIPLATELETS AGENTS

How to have a safe emergency neurosurgery? > *Speaker's name coming*
Biological assessment of hemostasis > *Pierre FONTANA*
Reversal of antithrombotic agents > *J.Claude HEMPHILL*

03:30PM - 04:00PM

BREAK

SESSION 4

04:00PM - 05:20PM

TRAUMATIC BRAIN INJURY

EVERYTHING BUT THE BRAIN : OPTIMIZING LUNGS, HEART AND THE BODY

Respiratory management in acute brain injury > *Robert STEVENS*
Acute cardiac dysfunction and the brain > *Xavier WILLAERT*
Renal replacement therapy after acute brain injury > *J.Claude HEMPHILL*
Any specificity for transfusion after acute brain injury? > *Fabio TACCONE*

05:30PM

END OF SESSIONS

06:00PM

OPENING COCKTAIL

SALLE 10

SESSION 5

10:30AM - 11:50AM

ANESTHESIA/MONITORING

DEPTH OF ANESTHESIA MONITORING

How to monitor depth of anesthesia? > *Ricard VALERO*

Depth of anesthesia for the aging brain > *Lionel VELLY*

Prevention of awareness during anesthesia > *Antony R. ABSALOM*

Depth of anesthesia monitoring and mortality > *Pedro AMORIM*

12:30PM - 02:00PM

LUNCH SYMPOSIUM ROCHE

S100B, BIOMARKER OF BRAIN DAMAGE: REVIEW OF CLINICAL UTILITY.

SESSION 6

02:00PM - 03:30PM

PERIOPERATIVE AND ICU MONITORING OF PAIN

PERIOPERATIVE AND ICU MONITORING OF PAIN

Pain in the ICU: what is important and what is not > *Jean François PAYEN*

Pupillometry for the monitoring of pain > *David COURET*

Nociception level index > *Albert DAHAN*

Prevention of persistent postsurgical pain > *Patricia LAVAND'HOMME*

Discussion > *Round table*

SALLE 10

SESSION 5

10:30AM - 11:50AM

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Discussion > *Round table*

03:00PM - 04:00PM

BREAK

SESSION 7

04:00PM - 05:20PM

MONITORING

BRAIN BIOMARKERS

Biomarkers after TBI > *Geert MEYFROIDT*

Biomarkers for stroke > *Joan MONTANER*

Biomarkers after cardiac arrest > *Tobias CRONBERG*

Biomarkers after SAH > *Vincent DEGOS*

05:30PM

END OF SESSIONS

06:00PM

OPENING COCKTAIL

WEDNESDAY, APRIL 14TH 2021 | EURONEURO 2021 | 11TH EDITION

SALLE MOLIÈRE

SESSION 8

02:00PM - 03:30PM

TRAUMATIC BRAIN INJURY

FUELING THE INJURED BRAIN

Balanced crystalloids of hypertonic saline? > *Karim ASEHNOUNE*

Lactates and Ketones for the injured brain > *Carole ICHAI*

Microdialysis for brain metabolism monitoring > *Mauro ODDO*

03:30PM - 04:00PM

BREAK

SESSION 9

04:00PM - 05:20PM

CENTER-TBI: LESSONS TO LEARN

Stent retrievers, aspiration and what else for thrombectomy? > *Raphael BLANC*

The ICU cohort > *Giuseppe CITERIO*

Optimal cerebral perfusion pressure in CENTER-TBI > *Ari ERCOLE*

Neurological outcome in CENTER-TBI > *Round table*

05:30PM

END OF SESSIONS

06:00PM

OPENING COCKTAIL

AMPHITHÉÂTRE BERLIOZ

SESSION 10

08:30AM - 10:00AM

STROKE

EARLY ISCHEMIC STROKE MANAGEMENT?

Early imaging: CT > *Jean-Marc OLIVOT*

Early imaging : MRI > *Mikael MAZIGHI*

Reperfusion strategies > *Sergio AMARO*

Hemodynamic optimization > *Anne-Claire LUCKASEWICZ*

Discussion > *Round table*

10:00AM - 11:00AM

BREAK

SESSION 11

11:00AM - 12:00PM

STROKE

ICU STROKE MANAGEMENT

Reperfusion injury **[NICIS]** > *Maxime GAUBERTI*

Intracerebral hemorrhage > *Guillaume TURC*

Decompressive craniectomy > *François PROUST*

12:30PM - 02:00PM

LUNCH SYMPOSIUM

SESSION 12

02:00PM - 03:30PM

STROKE

REPERFUSION AFTER ISCHEMIC STROKE

Indications for thrombolysis > *Mikael MAZIGHI*

Beyond 6-hours, how to select patients for thrombectomy > *Sergio AMARO*

Stent retrievers, aspiration and what else for thrombectomy? > *O. NAGARA*

General anesthesia or sedation for thrombectomy: the final word? > *Russell CHABANNE*

Discussion > *Round table*

03:30PM - 04:00PM

BREAK

SESSION 13

04:00PM - 05:30PM

SUBARACHNOID HEMORRHAGE

DELAYED ISCHEMIC NEUROLOGICAL INJURY

Cortical spreading depolarization > *Jens DREIER*

Vasospasm related ischemia after SAH > *Anne-Claire LUCKASEWICZ*

Reversible cerebral vasoconstriction syndrome > *Pierre SENERS*

Pharmacological treatment to prevent DIND > *Thomas GEERAERTS*

THURSDAY, APRIL 15TH 2021 | EURONEURO 2021 | 11TH EDITION

SALLE 10

SESSION 14

08:30AM - 10:00AM

SUBARACHNOID HEMORRHAGE

ANEURYSM TREATMENT

Timing and effects of rebleeding before treatment of the aneurysm > *Stephan MAYER*

All patients should be treated via the endovascular approach PRO > *Frédéric CLARENCON*

All patients should be treated via the endovascular approach CON > *Damien BRESSON*

10:00AM - 10:30AM

BREAK

SESSION 15

10:30AM - 12:30PM

MONITORING

NEUROMONITORING AFTER ACUTE BRAIN INJURY

Brain sonography > *Thomas GEERAERTS*

Pupillometry > *Fabio TACCONE*

Brain tissue oxygen pressure > *Pierre BOUZAT*

Microdialysis > *Mauro ODDO*

12:30PM - 02:00PM

SYMPOSIUM

SESSION 16

02:00PM - 03:30PM

SEPSIS/INFLAMMATION [NICIS]

ENCEPHALITIS

Diagnosis of bacterial meningitis > *Michel WOLFF*

Encephalitis in intensive care units > *Romain SONNEVILLE*

Diagnosis of auto-immune encephalitis in the ICU > *Raimund HELBOK*

03:30PM - 04:00PM

BREAK

SESSION 17

04:00PM - 05:30PM

SEPSIS/INFLAMMATION

TREATMENT OF NEUROINFECTIOUS DISEASES

How do molecules in the CSF reach brain cells > *Lionel VELLY*

PK/PD and CNS infections > *Claire DAHYOT*

Do we need intraventricular antibiotics > *Michel WOLFF*

Surgical options for deep brain infections > *Hélène CEBULA*

Discussion > *Round table*

05:30PM

END OF SESSIONS

THURSDAY, APRIL 15TH 2021 | EURONEURO 2021 | 11TH EDITION

SALLE MOLIÈRE

SESSION 18

08:30PM - 10:00PM

NEUROBIOLOGY [NICIS]

NEUROENDOCRINE RESPONSE TO BRAIN INJURY

Neurobiology of fear and anxiety > *Franny SPENGLER*

Neuropeptides in the human brain > *Bastian SCHILLER*

Mechanisms of PTSD > *Aline DESMEDT*

10:00AM - 10:30AM

BREAK

SESSION 19

10:30AM - 12:30PM

NEUROINFLAMMATION [NICIS]

Brain inflammation and sepsis in the ICU > *Tarek SHARSHAR*

Brain inflammation and septic encephalitis > *Geert MEYFROIDT*

Microglial priming and neurodegenerative disease > *Colm CUNNINGHAM*

Brain injury and immunity > *Antoine ROQUILLY*

12:30PM - 02:00PM

SYMPOSIUM

SESSION 20

02:00PM - 03:30PM

ICON-TBI [NICIS]

NEUROINFLAMMATION

Long term post-traumatic neuro-imaging > *Pierre SIMEONE*

Sustained post-traumatic neuro-inflammation > *Elisa ZANIER*

Insight in auto-immune encephalitis > *Edward NEEDHAM*

Chronic traumatic encephalopathy > *William STEWART*

03:30PM - 04:00PM

BREAK

SESSION 21

04:00PM - 05:30PM

STROKE

MANAGEMENT OF STROKE COMPLICATIONS IN THE ICU

PRES, a complication of blood pressure management? > *Romain SONNEVILLE*

Dysphagia in the ICU > *Giuseppe CITERIO*

Locked-in syndrome: management of ventilation and tracheostomy > *Jesus GONZALES*

Communication for a life-project > *Speaker's name coming*

05:30PM

END OF SESSIONS

AMPHITHÉÂTRE BERLIOZ

SESSION 22

08:30AM - 10:00AM

PROGNOSTICATION/REHABILITATION

RECOVERY AFTER BRAIN INJURY

impairment and recovery of consciousness after acute brain injury > *Jan CLAASSEN*

MRI to assess cognitive dysfunction after TBI > *Pierre SIMEONE*

Therapeutic interventions in prolonged disorders of consciousness > *Bertrand HERMANN*

10:00AM - 10:30AM

BREAK

SESSION 23

11:00AM - 12:00PM

PROGNOSTICATION

PROGNOSTICATION AFTER CARDIAC ARREST

Are we making critical decisions too early? > *Tobias CRONBERG*

Routine EEG or continuous monitoring? > *Benjamin ROHAUT*

Is pupillometry useful? > *Mauro ODDO*

MRI-diffusion-tensor-imaging > *Lionel VELLY*

12:30PM - 02:00PM

LUNCH SYMPOSIUM

SESSION 24

02:00PM - 03:30PM

DELIRIUM AND COGNITIVE DISORDERS [NICIS]

Endophenotypes of delirium > *Robert STEVENS*

Neurophysiologic signatures of delirium > *Eric AZABOU*

Long-term neurocognitive deficit due to anesthesia and surgery; fact or fallacy? > *Arjen SLOOTER*

03:30PM

END OF MEETING

FRIDAY, APRIL 16TH 2021 | EURONEURO 2021 | 11TH EDITION

SALLE 10

SESSION 25

08:30AM - 10:00AM

NEUROSURGERY

FUNCTIONAL NEUROSURGERY

How structural and functional connectivity can revolutionize functional neurosurgery > *Jean-Marie REGIS*

Cognitive intraoperative monitoring > *Jocelyne BLOCH*

Awake neurosurgery : the anesthesiologist perspective > *Francisco LOBO*

10:00AM - 10:30AM

BREAK

SESSION 26

10:30AM - 12:30PM

NEUROSURGERY

SURGICAL TREATMENT OF INTRACRANIAL HYPERTENSION

Role of decompressive craniectomy after traumatic brain injury > *Martin SMITH*

Technique and complications of decompressive craniectomy > *Speaker's name coming*

Craniectomy after stroke: what are the limits? > *Basil MATTA*

Suboccipital craniectomy after cerebellar stroke > *Thomas GABEREL*

12:30PM - 02:00PM

SYMPOSIUM

SESSION 27

02:00PM - 03:30PM

ANESTHESIA

ANESTHESIA FOR THE AGING BRAIN

Brain reserve and cognitive reserve [NICIS] > *Stephane EPELBAUM*

Neurotoxicity of anesthetic and sedative drugs [NICIS] > *Antony R. ABSALOM*

Impact of depth-of-anesthesia monitoring > *Martin SMITH*

03:30PM

END OF MEETING

SALLE MOLIÈRE

SESSION 28

08:30AM - 10:00AM

STATUS EPILEPTICUS

Diagnosis of status epilepticus > *Stanislas LAGARDE*

New treatments of status epilepticus > *Stéphane LEGRIEL*

Monitoring of status epilepticus in the ICU > *Jan CLAASSEN*

10:00AM - 10:30AM

BREAK

SESSION 29

10:30AM - 12:30PM

REHABILITATION AFTER BRAIN INJURY

LONG TERM ASSESSMENT AND REHABILITATION

Chronic traumatic encephalopathy > *William STEWART*

Long-term outcome ; What is a good outcome? > *Jacques LUAUTE*

Daily life in a VS/MCS institution: results from a multicenter study > *Eric VERIN*

Quantitative imaging to adapt prognostication > *Louis PUYBASSET*

12:30PM - 02:00PM

SYMPOSIUM

SESSION 30

02:00PM - 03:30PM

REHABILITATION AFTER BRAIN INJURY

ENHANCING NEUROLOGIC RECOVERY

Multidisciplinary approach > *Anne DE CROUY*

Methods to enhance cognition recovery after brain injury > *Karin DISERENS*

Neuro-orthopedics management > *Isabelle LAFFONT*

From rehabilitation to reintegration after brain injury > *Laurent WIART*

Discussion > *Round table*

03:30PM

END OF MEETING

WORKSHOPS
Register now!

THURSDAY, APRIL 15TH 2021 | EURONEURO 2021 | 11TH EDITION

09:00AM - 10:30AM

SALLE 5 | Brain sonography (transcranial echography and Doppler) > *Lamine ABDENNOUR - Sébastien GROUSSON*

09:00AM - 10:30AM

SALLE 9 | Invasive neuromonitoring > *Yoann LAUNAY - Jonas POCHARD*

02:00PM - 03:30PM

SALLE 5 | Interpretation of brain imaging (CT-MRI) in the ICU

02:00PM - 03:30PM

SALLE 9 | Continuous EEG monitoring

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