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<th>Time</th>
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<td>7:30AM</td>
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<tr>
<td></td>
<td><strong>SESSION 1</strong></td>
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<tr>
<td>09:00AM</td>
<td>OPENING SESSION</td>
<td>Welcome</td>
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<tr>
<td>09:15AM</td>
<td>Opening lecture</td>
<td>&gt; Cathy DE DEYNE &amp; René HEYLEN</td>
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<td>10:00 - 10:30AM</td>
<td>BREAK</td>
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<td><strong>SESSION 2</strong></td>
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<td>10:30AM</td>
<td>TRAUMATIC BRAIN INJURY</td>
<td>MANAGEMENT OF TRAUMATIC BRAIN INJURY: LESS IS BETTER?</td>
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<td>ICP: from invasive to non-invasive assessment? &gt; Chiara ROBBA</td>
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<td>From hypothermia to targeted temperature management &gt; Peter ANDREWS</td>
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<td>Oxygenation for the injured brain: not too little, not too much? &gt; Pierre BOUZAT</td>
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<td>Optimal CPP: toward individual patient management &gt; Ari ERCOLE</td>
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<td><strong>SESSION 3</strong></td>
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<td>02:00PM</td>
<td>TRAUMATIC BRAIN INJURY</td>
<td>TBI, ANTICOAGULANTS, ANTIPLATELETS AGENTS</td>
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<td>How to have a safe emergency neurosurgery? &gt; Speaker’s name coming</td>
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<td>Biological assessment of hemostasis &gt; Pierre FONTANA</td>
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<td>Reversal of antithrombotic agents &gt; J.Claude HEMPHILL</td>
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<td>03:30PM</td>
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<td><strong>SESSION 4</strong></td>
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<td>04:00PM</td>
<td>TRAUMATIC BRAIN INJURY</td>
<td>EVERYTHING BUT THE BRAIN : OPTIMIZING LUNGS, HEART AND THE BODY</td>
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<td>Respiratory management in acute brain injury &gt; Robert STEVENS</td>
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<td>Acute cardiac dysfunction and the brain &gt; Xavier WILLAERT</td>
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<td>Renal replacement therapy after acute brain injury &gt; J.Claude HEMPHILL</td>
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<td>Any specificity for transfusion after acute brain injury? &gt; Fabio TACCONE</td>
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<td>05:30PM</td>
<td>END OF SESSIONS</td>
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<tr>
<td>06:00PM</td>
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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
MONDAY, NOVEMBER 23RD 2020 | EURONEURO 2020 | 11TH EDITION

SALLE 10

SESSION 5
ANESTHESIA/MONITORING
10:30AM - 11:50AM
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

SESSION 6
PERIOPERATIVE AND ICU MONITORING OF PAIN
02:00PM - 03:30PM
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

03:00PM - 04:00PM
BREAK

SESSION 7
MONITORING
04:00PM - 05:20PM
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
**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**
AMPHITHEÂTRE 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
TUESDAY, NOVEMBER 24TH 2020 | EURONEURO 2020 | 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 > Speaker's name coming

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
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 GONZALEZ
Communication for a life-project > Sophie CROZIER

05:30PM END OF SESSIONS
<table>
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<tr>
<th>TIME</th>
<th>SESSION</th>
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<tr>
<td>08:30AM - 10:00AM</td>
<td>22</td>
<td>PROGNOSTICATION/REHABILITATION</td>
<td>Recovery after brain injury</td>
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<td>RECOVERY AFTER BRAIN INJURY</td>
<td>Jan Claassen</td>
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<td>MRI to assess cognitive dysfunction after TBI</td>
<td>Pierre Simeone</td>
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<td>Therapeutic interventions in prolonged disorders of consciousness</td>
<td>Bertrand Hermann</td>
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<td>10:00AM - 10:30AM</td>
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<td>11:00AM - 12:00PM</td>
<td>23</td>
<td>PROGNOSTICATION</td>
<td>Prognostication after cardiac arrest</td>
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<td>PROGNOSTICATION AFTER CARDIAC ARREST</td>
<td>Tobias Cronberg</td>
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<td>Are we making critical decisions too early?</td>
<td>Benjamin Rohaut</td>
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<td>Routine EEG or continuous monitoring?</td>
<td>Mauro Oddo</td>
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<td>Is pupillometry useful?</td>
<td>Arjen Slooter</td>
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<td>MRI-diffusion-tensor-imaging</td>
<td>Lionel Velly</td>
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<td>12:30PM - 02:00PM</td>
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<td><strong>LUNCH SYMPOSIUM</strong></td>
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<td>02:00PM - 03:30PM</td>
<td>24</td>
<td>DELIRIUM AND COGNITIVE DISORDERS [NICIS]</td>
<td>Delirium</td>
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<td>Endophenotypes of delirium</td>
<td>Robert Stevens</td>
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<td>Neurophysiologic signatures of delirium</td>
<td>Eric Azabou</td>
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<td>Long-term neurocognitive deficit due to anesthesia and surgery; fact or fallacy?</td>
<td>Arjen Slooter</td>
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<td><strong>END OF MEETING</strong></td>
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<td>TIME</td>
<td>SESSION 25 NEUROSURGERY</td>
<td>SESSION 26 NEUROSURGERY</td>
<td>SESSION 27 ANESTHESIA</td>
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<td>08:30AM - 10:00AM</td>
<td><strong>FUNCTIONAL NEUROSURGERY</strong>&lt;br&gt;How structural and functional connectivity can revolutionize functional neurosurgery  <a href="mailto:Jean-Marie.REGIS@inserm.fr">Jean-Marie REGIS</a>&lt;br&gt;Cognitive intraoperative monitoring  <a href="mailto:Jocelyne.BLOCH@uclouvain.be">Jocelyne BLOCH</a>&lt;br&gt;Awake neurosurgery: the anesthesiologist perspective  <a href="mailto:Francisco.LOBO@uclouvain.be">Francisco LOBO</a></td>
<td><strong>SURGICAL TREATMENT OF INTRACRANIAL HYPERTENSION</strong>&lt;br&gt;Role of decompressive craniectomy after traumatic brain injury  <a href="mailto:Martin.SMITH@uclouvain.be">Martin SMITH</a>&lt;br&gt;Technique and complications of decompressive craniectomy  <a href="mailto:">Speaker’s name coming</a>&lt;br&gt;Cranieotomy after stroke: what are the limits?  <a href="mailto:basil.matta@uliege.be">Basil MATTA</a>&lt;br&gt;Suboccipital craniectomy after cerebellar stroke  <a href="mailto:">Thomas GABEREL</a></td>
<td><strong>ANESTHESIA FOR THE AGING BRAIN</strong>&lt;br&gt;Brain reserve and cognitive reserve  <a href="mailto:">Stephane EPELBAUM</a>&lt;br&gt;Neurotoxicity of anesthetic and sedative drugs  <a href="mailto:">Antony R. ABSALOM</a>&lt;br&gt;Impact of depth-of-anesthesia monitoring  <a href="mailto:Martin.SMITH@uclouvain.be">Martin SMITH</a></td>
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<td>10:00AM - 10:30AM</td>
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<td>10:30AM - 12:30PM</td>
<td><strong>SURGICAL TREATMENT OF INTRACRANIAL HYPERTENSION</strong>&lt;br&gt;Role of decompressive craniectomy after traumatic brain injury  <a href="mailto:Martin.SMITH@uclouvain.be">Martin SMITH</a>&lt;br&gt;Technique and complications of decompressive craniectomy  <a href="mailto:">Speaker’s name coming</a>&lt;br&gt;Cranieotomy after stroke: what are the limits?  <a href="mailto:basil.matta@uliege.be">Basil MATTA</a>&lt;br&gt;Suboccipital craniectomy after cerebellar stroke  <a href="mailto:">Thomas GABEREL</a></td>
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<td>02:00PM - 03:30PM</td>
<td><strong>ANESTHESIA</strong>&lt;br&gt;Brain reserve and cognitive reserve  <a href="mailto:">NICIS</a>  <a href="mailto:">Stephane EPELBAUM</a>&lt;br&gt;Neurotoxicity of anesthetic and sedative drugs  <a href="mailto:">NICIS</a>  <a href="mailto:">Antony R. ABSALOM</a>&lt;br&gt;Impact of depth-of-anesthesia monitoring  <a href="mailto:">Martin SMITH</a></td>
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SESSION 28
08:30AM - 10:00AM

STATUS EPILEPTICUS
Diagnosis of status epilepticus > Stanislas LAGARDE
New treatments of status epilepticus > Simon SHORVON
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
TUESDAY, NOVEMBER 24TH 2020 | EURONEURO 2020 | 11TH EDITION

09:00AM - 10:30AM  SALLE 5  | Brain sonography (transcranial echography and Doppler) > Lamine ABDENNOUR
09:00AM - 10:30AM  SALLE 9  | Invasive neuromonitoring

02:00PM - 03:30PM  SALLE 5  | Interpretation of brain imaging (CT-MRI) in the ICU
02:00PM - 03:30PM  SALLE 9  | Continuous EEG monitoring

WEDNESDAY, NOVEMBER 25TH 2020 | EURONEURO 2020 | 11TH EDITION

09:00AM - 10:30AM  SALLE 5  | Brain sonography (transcranial echography and Doppler) > Lamine ABDENNOUR
09:00AM - 10:30AM  SALLE 9  | Invasive neuromonitoring

02:00PM - 03:30PM  SALLE 5  | Interpretation of brain imaging (CT-MRI) in the ICU
02:00PM - 03:30PM  SALLE 9  | Continuous EEG monitoring