
Tuesday 15 March 2016 - AM

ROOM : HLB Room**Opening** [Standard presentation]

8:30 - 8:50 - Welcome – personalized intensive care medicine

Jean-Louis Vincent (Brussels , Belgium)

8:50 - 9:10 - Report of the Round Table Conference on Recovery after Critical Illness: Putting the Puzzle Together

Margaret Herridge (Toronto , Canada), Elie Azoulay (Paris , France)

9:10 - 9:30 - The Max Harry Weil Memorial lecture: Individualized management of ARDS

Laurent Brochard (Toronto, Canada)

Fever control [Standard presentation]

11:00 - 11:15 - Should we modify temperature in patients with severe infections?

Manoj Saxena (Sydney, Australia)

11:15 - 11:30 - Can paracetamol save lives?

Paul Young (Wellington, New Zealand)

11:30 - 11:45 - Fever control in the neurological patient

Raimund Helbok (Innsbruck , Austria)

11:45 - 12:00 - Discussion

Tuesday 15 March 2016 - PM

ROOM : HLB Room**Early resuscitation in sepsis** [Standard presentation]

13:30 - 13:45 - Arterial blood pressure target

Jean-Louis Teboul (Le Kremlin-Bicêtre , France)

13:45 - 14:00 - Lots of oxygen?

Peter Radermacher (Ulm , Germany)

14:00 - 14:15 - We can challenge empirical therapy

Jean-François Timsit (Paris, France)

14:15 - 14:30 - Broad-spectrum antibiotics for all?

Pierre-François Laterre (Brussels , Belgium)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Rapid bacteriologic diagnostics change our lives

Michael Pulia (Madison, United States)

15:00 - 15:15 - Is the timing of antibiotic therapy really so important?

Mervyn Singer (London , United Kingdom)

15:15 - 15:30 - Source control issues
Christian Eckmann (Peine, Germany)

15:30 - 15:45 - Is oliguria a big deal?
John Kellum (Pittsburgh , United States)

15:45 - 15:55 - Discussion

15:55 - 16:10 - Should EGDT be abandoned?
Daniel De Backer (Brussels, Belgium)

16:10 - 16:25 - How useful are the changes in lactate levels?
Michael Fries (Aachen , Germany)

16:25 - 16:40 - When is it safe to start feeding?
Gunnar Elke (Kiel, Germany)

16:40 - 16:55 - What is left from our previous recommendations?
Claude Martin (Marseille , France)

16:55 - 17:10 - Discussion

Hemodynamic monitoring in 2025 [Plenary lecture]
17:10 - 17:35 - Hemodynamic monitoring in 2025
Maxime Cannesson (Los Angeles, United States)

No bacteremia, no VAP. No resistance [Plenary lecture]
17:35 - 18:00 - No bacteremia, no VAP. No resistance
Miguel Sánchez García (Madrid, Spain)

Tuesday 15 March 2016 - AM

ROOM : Gold Hall

Reversal of anticoagulation [Standard presentation]

11:00 - 11:15 - General principles
Marcel Levi (Amsterdam , Netherlands)

11:15 - 11:30 - Reversal of novel oral anticoagulants
Oliver Grottke (Aachen, Germany)

11:30 - 11:45 - My stented patient is bleeding
Jerrold H Levy (Durham, United States)

11:45 - 12:00 - What the neurosurgeon wants
Peter Le Roux (Wynnewood, United States)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Gold Hall

Respiratory basics [Standard presentation]

13:45 - 14:00 - How CO₂ may both protect and harm

Brian Kavanagh (Toronto , Canada)

14:00 - 14:15 - Intrinsic PEEP: Clinical relevance and monitoring

Giacomo Bellani (Monza , Italy)

14:15 - 14:30 - Learning physiology through mechanical ventilation

Laurent Brochard (Toronto, Canada)

14:30 - 14:40 - Discussion

14:40 - 14:55 - Permeability alterations in ARDS

Geoffrey Bellington (London , United Kingdom)

14:55 - 15:10 - Tissue and gas distribution at different inflation pressures in ARDS

Luciano Gattinoni (Milan , Italy)

15:10 - 15:20 - Discussion

Mechanical ventilation in ARDS [Standard presentation]

15:20 - 15:35 - How do we currently do it?

Giacomo Bellani (Monza , Italy)

15:35 - 15:50 - 'Fine tune' ARDSnet protocol

Jesse Hall (Chicago , United States)

15:50 - 16:05 - Spontaneous breathing in ARDS: Obvious benefits

Alain Mercat (Angers , France)

16:05 - 16:20 - Spontaneous breathing in ARDS patients: Hidden harms

Antonio Pesenti (Milan , Italy)

16:20 - 16:30 - Discussion

16:30 - 16:45 - Impact of different pressure modes on respiratory pattern

Jean-Christophe Richard (Metz-Tessy, France)

16:45 - 17:00 - A place for NAVA?

Johannes Van Der Hoeven (Nijmegen , Netherlands)

17:00 - 17:15 - High frequency ventilation: What did we do wrong?

Arthur S Slutsky (Toronto , Canada)

17:15 - 17:30 - Neuromuscular blockers as part of lung protective strategy: Pro

Laurent Papazian (Marseille , France)

17:30 - 17:45 - Neuromuscular blockers as part of lung protective strategy: Con
Roy Brower (Baltimore , United States)

17:45 - 18:00 - Discussion

Tuesday 15 March 2016 - AM

ROOM : Copper Hall

The SOSD phases of fluid therapy [Standard presentation]

11:00 - 11:15 - Salvage

Nathan Shapiro (Boston , United States)

11:15 - 11:30 - Optimization

Daniel De Backer (Brussels, Belgium)

11:30 - 11:45 - Stabilization

Michel Slama (Amiens , France)

11:45 - 12:00 - De-escalation

John C Marshall (Toronto , Canada)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Copper Hall

Long-term outcomes [Standard presentation]

13:45 - 14:00 - Pre-admission functional status counts the most
James Krinsley (Stamford , United States)

14:00 - 14:15 - There are many cardiovascular deaths after ICU
Alexandre Mebazaa (Paris , France)

14:15 - 14:30 - There are too many readmissions after sepsis
Theodore J Iwashyna (Ann Arbor, United States)

14:30 - 14:45 - Does sepsis increase long term mortality?
Manu Shankar-Hari (London , United Kingdom)

14:45 - 15:00 - Outcome after ARDS
Michael Quintel (Göttingen , Germany)

15:00 - 15:15 - Discussion

15:15 - 15:30 - What happens to the frail?
Sean Bagshaw (Edmonton , Canada)

15:30 - 15:45 - Sometimes it is persistent critical illness
Theodore J Iwashyna (Ann Arbor, United States)

15:45 - 16:00 - What kind of recovery?
Stephen Brett (London , United Kingdom)

16:00 - 16:15 - We need risk stratification
Margaret Herridge (Toronto , Canada)

16:15 - 16:30 - The big picture: There is no unique post-ICU syndrome
Gordon Rubinfeld (Toronto , Canada)

16:30 - 16:45 - Discussion

16:45 - 17:00 - Break

Improving physical outcomes [Standard presentation]

17:00 - 17:15 - Predicting the recovery of physical function
Nicola Latronico (Brescia , Italy)

17:15 - 17:30 - Early rehabilitation in the ICU
Dale Needham (Baltimore , United States)

17:30 - 17:45 - We should send patients to rehabilitation centers earlier
Kenneth Christopher (Boston, United States)

17:45 - 18:00 - Discussion

Tuesday 15 March 2016 - AM

ROOM : Tent

How much oxygen? [Standard presentation]

11:00 - 11:15 - Hyperoxia is bad
Paul Young (Wellington, New Zealand)

11:15 - 11:30 - Hyperoxia is good
Peter Radermacher (Ulm , Germany)

11:30 - 11:45 - Blood gas targets
Antonio Pesenti (Milan , Italy)

11:45 - 12:00 - We need closed-loop oxygen control
Richard Branson (Cincinnati , United States)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Tent

Personalized medicine: Are we ready for it? [Standard presentation]

13:45 - 14:00 - The concept of personalized medicine

Andrew Shaw (Nashville, United States)

14:00 - 14:15 - Everything is in the genes

Jean-Paul Mira (Paris , France)

14:15 - 14:30 - The metabolome is the answer

Kenneth Christopher (Boston, United States)

14:30 - 14:45 - Molecular biomarkers to guide specific therapies

Tom van der Poll (Amsterdam , Netherlands)

14:45 - 15:00 - Precision medicine in clinical trials

Derek C Angus (Pittsburgh , United States)

15:00 - 15:15 - Discussion

15:15 - 15:25 - Break

New therapies in the pipeline [Standard presentation]

15:25 - 15:40 - New sepsis therapies

Steven Opal (Providence , United States)

15:40 - 15:55 - Immunostimulating strategies

15:55 - 16:10 - Thrombomodulin

Jean-Louis Vincent (Brussels , Belgium)

16:10 - 16:25 - Interferon-beta in ARDS

Geoffrey Bellington (London , United Kingdom)

16:25 - 16:40 - Other new ARDS therapies

Taylor Thompson (Boston , United States)

16:40 - 16:50 - Discussion

16:50 - 17:05 - miRNA inhibitors for pulmonary vascular leakage

Claudia Dos Santos (Toronto , Canada)

17:05 - 17:20 - Vasopressin analogs to prevent leakage

17:20 - 17:35 - Angiotensin II

Lakhmir S Chawla (San Diego, United States)

17:35 - 17:50 - Stem cell therapies

Claudia Dos Santos (Toronto , Canada)

17:50 - 18:00 - Discussion

Tuesday 15 March 2016 - AM

ROOM : Silver Hall**Life-threatening emergencies** [Standard presentation]

11:00 - 11:15 - Exertional heat illness and heat stroke

Stephen Brett (London , United Kingdom)

11:15 - 11:30 - Anaphylaxis

Jerrold H Levy (Durham, United States)

11:30 - 11:45 - Near-drowning

Peter Radermacher (Ulm , Germany)

11:45 - 12:00 - Blast injury: Myths and facts.

Michael Reade (Brisbane, Australia)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Silver Hall**Preventing renal failure** [Standard presentation]

13:45 - 14:00 - We should keep CVP low

Didier Payen (Paris , France)

14:00 - 14:15 - I'm not sure

Daniel De Backer (Brussels, Belgium)

14:15 - 14:30 - We should use remote ischemic preconditioning

John Kellum (Pittsburgh , United States)

14:30 - 14:45 - Discussion

14:45 - 15:00 - I'm not sure

Kai Zacharowski (Frankfurt , Germany)

15:00 - 15:15 - We should give albumin to protect the kidneys

Christian J Wiedermann (Bolzano , Italy)

15:15 - 15:30 - I'm not sure

Simon Finfer (Sydney , Australia)

15:30 - 15:45 - Discussion

15:45 - 16:00 - Break

Relatives in the ICU [Standard presentation]

16:00 - 16:15 - They should have a more active role

Samuel Brown (Murray, United States)

16:15 - 16:30 - They can replace physical restraints

Sangeeta Mehta (Toronto , Canada)

16:30 - 16:45 - Presence during a child's invasive procedure or resuscitation

Martha A Curley (Philadelphia, United States)

16:45 - 17:00 - Discussion

17:00 - 17:15 - What relatives think of us

Kathy Rowan (London , United Kingdom)

17:15 - 17:30 - We need to facilitate communication

J Randall Curtis (Seattle , United States)

17:30 - 17:45 - What about the patient without relatives?

Jean-Paul Mira (Paris , France)

17:45 - 18:00 - Discussion

Tuesday 15 March 2016 - AM

ROOM : 100 Hall

In the emergency room [Standard presentation]

11:00 - 11:15 - Can we measure blood gases and lactate from venous or capillary blood?

Michael Reade (Brisbane, Australia)

11:15 - 11:30 - We need biomarkers

Nathan Shapiro (Boston , United States)

11:30 - 11:45 - Optimizing ED infectious disease management in the era of antibiotic resistance

Michael Pulia (Madison, United States)

11:45 - 12:00 - The patient is on statins: Should we continue them?

Laurent Papazian (Marseille , France)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : 100 Hall

After cardiac arrest [Standard presentation]

13:45 - 14:00 - The fifth link in the chain of survival concept

Takashi Tagami (Tokyo, Japan)

14:00 - 14:15 - The impact of sex on post-arrest care

Laurie Morrison (Toronto , Canada)

14:15 - 14:30 - Optimizing brain perfusion
Johannes Van Der Hoeven (Nijmegen , Netherlands)

14:30 - 14:45 - Targeted temperature management
Jerry Nolan (Bath , United Kingdom)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Ventilatory management
Paolo Pelosi (Genoa , Italy)

15:15 - 15:30 - Hemodynamic management
Kjetil Sunde (Oslo , Norway)

15:30 - 15:45 - Hypercapnia to protect the brain?
Rinaldo Bellomo (Melbourne, Australia)

15:45 - 16:00 - Organ protection
Michael Fries (Aachen , Germany)

16:00 - 16:15 - Discussion

16:15 - 16:30 - Renal failure
Michael Joannidis (Innsbruck , Austria)

16:30 - 16:45 - Prognostication after cardiac arrest: A practical guide
Fabio S Taccone (Brussels , Belgium)

16:45 - 17:00 - Survival depends on the day of week/time of day
Kathy Rowan (London , United Kingdom)

17:00 - 17:15 - Discussion

Cardiovascular computer simulation [Workshop]
17:20 - 18:00 - Cardiovascular computer simulation
Dirk Donker (Utrecht, Netherlands)

Tuesday 15 March 2016 - AM

ROOM : 400 Hall

Nutritional support [Standard presentation]

Moderator : Jean-Charles Preiser (Brussels , Belgium)

11:00 - 11:15 - What is autophagy
Olav Rooyackers (Huddinge , Sweden)

11:15 - 11:30 - Fat: Friend or foe?
Mervyn Singer (London , United Kingdom)

11:30 - 11:45 - Protein

Jan Wernerman (Stockholm , Sweden)

11:45 - 12:00 - Protein needs of critically ill patients

Peter Weijs (Amsterdam, Netherlands)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : 400 Hall

Hemodynamic basics [Standard presentation]

13:45 - 14:00 - Personalized physiological medicine

Can Ince (Amsterdam , Netherlands)

14:00 - 14:15 - Heart rate and ventriculo-arterial coupling:

Fabio Guarracino (Pisa , Italy)

14:15 - 14:30 - The importance of the central venous pressure

Jukka Takala (Bern , Switzerland)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Meaning and value of mean systemic filling pressure in critically ill patients

Antoine Vieillard-Baron (Boulogne-Billancourt , France)

15:00 - 15:15 - How to interpret veno-arterial PCO₂

Jean-Louis Teboul (Le Kremlin-Bicêtre , France)

15:15 - 15:30 - End-tidal CO₂ to monitor the circulation

Xavier Monnet (Le Kremlin-Bicêtre , France)

15:30 - 15:45 - Discussion

15:45 - 16:00 - Break

Cardiac monitoring [Standard presentation]

16:00 - 16:15 - Why?

Azriel Perel (Tel Aviv , Israel)

16:15 - 16:30 - How?

Matthieu Biais (Bordeaux, France)

16:30 - 16:45 - In whom?

Xavier Monnet (Le Kremlin-Bicêtre , France)

16:45 - 17:00 - Discussion

17:00 - 17:15 - We can assess myocardial perfusion at the bedside

Anthony McLean (Sydney , Australia)

17:15 - 17:30 - ScvO₂ and VACO₂
Zsolt Molnar (Szeged , Hungary)

17:30 - 17:45 - How to evaluate cardiac function in sepsis
Samuel Brown (Murray, United States)

17:45 - 18:00 - Discussion

Tuesday 15 March 2016 - AM

ROOM : Lippens Room National Library

Neurological challenges [Standard presentation]

11:00 - 11:15 - Epilepsy in the absence of seizures
Nicolas Gaspard (Brussels, Belgium)

11:15 - 11:30 - Super-refractory status epilepticus
Stephan A Mayer (New York , United States)

11:30 - 11:45 - Optimal blood pressure
Mauro Oddo (Lausanne , Switzerland)

11:45 - 12:00 - DVT prophylaxis
Jacques Duranteau (Le Kremlin-Bicêtre , France)

12:00 - 12:15 - Encephalopathies
Jean-François Timsit (Paris, France)

12:15 - 12:30 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Lippens Room National Library

My favorite cell in sepsis [Standard presentation]

13:45 - 14:00 - Immune dysfunction - an introduction
David Grimaldi (Le Chesnay, France)

14:00 - 14:15 - Oxidative stress and inflammation are desirable
Christian Stoppe (Aachen, Germany)

14:15 - 14:30 - Sepsis-induced immunosuppression
Thomas Rimmelé (Lyon, France)

14:30 - 14:40 - Discussion

14:40 - 14:55 - Myeloid-derived suppressor cells
Jean-Daniel Chiche (Paris , France)

14:55 - 15:10 - Polymorphonuclear leukocytes

Didier Payen (Paris , France)

15:10 - 15:25 - Lymphocytes

Manu Shankar-Hari (London , United Kingdom)

15:25 - 15:35 - Discussion

15:35 - 15:50 - Endothelial cells

Axel Nierhaus (Hamburg , Germany)

15:50 - 16:05 - Platelets

Tom van der Poll (Amsterdam , Netherlands)

16:05 - 16:20 - How can we best optimize all this?

Tom van der Poll (Amsterdam , Netherlands)

16:20 - 16:30 - Discussion

Point-of-care testing for coagulation on the ICU [Tutorial]

16:30 - 17:00 - Point-of-care testing for coagulation on the ICU

Kai Zacharowski (Frankfurt , Germany)

Perioperative goal-directed fluid therapy [Tutorial]

17:05 - 17:35 - Perioperative goal-directed fluid therapy

Gerard R Manecke (San Diego, United States)

The future of critical care [Plenary lecture]

17:35 - 18:00 - The future of critical care

Craig M Coopersmith (Atlanta, United States)

Tuesday 15 March 2016 - AM

ROOM : Studio (Bozar)

International perspectives [Standard presentation]

11:00 - 11:15 - Ventilatory support in an austere environment

Marcus Schultz (Amsterdam , Netherlands)

11:15 - 11:30 - Critical care in over-resourced settings

Hannah Wunsch (Toronto, Canada)

11:30 - 11:45 - Critical care without borders

Charles Gomersall (Shatin , Hong Kong)

11:45 - 12:00 - What is an ICU? Towards a global definition

John C Marshall (Toronto , Canada)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Studio (Bozar)**Glucose control** [Standard presentation]

13:45 - 14:00 - Diabetic ketoacidosis: Novel insights
Balasubramanian Venkatesh (Brisbane , Australia)

14:00 - 14:15 - Metabolic effects of glucose control
Olav Rooyackers (Huddinge , Sweden)

14:15 - 14:30 - Time in range is what counts
James Krinsley (Stamford , United States)

14:30 - 14:45 - Discussion

14:45 - 15:00 - The impact of unknown diabetes in the ICU
Craig M Coopersmith (Atlanta, United States)

15:00 - 15:15 - Liberal glucose targets in diabetic patients
Johan Martensson (Melbourne, Australia)

15:15 - 15:30 - Status of continuous glucose monitoring
Jean-Charles Preiser (Brussels , Belgium)

15:30 - 15:45 - Discussion

15:45 - 15:55 - Break

Controversies in CPR [Plenary lecture]

15:55 - 16:20 - Controversies in CPR
Jerry Nolan (Bath , United Kingdom)

Subarachnoid hemorrhage (Tu) [Tutorial]

16:25 - 16:55 - Subarachnoid hemorrhage
Stephan A Mayer (New York , United States)

Multimodal Neuromonitoring: How I do it [Workshop]

17:00 - 18:00 - Multimodal Neuromonitoring: How I do it
Stephan A Mayer (New York , United States), Raimund Helbok (Innsbruck , Austria), Peter Le Roux (Wynnewood, United States), Giuseppe Citerio (Monza , Italy), Mauro Oddo (Lausanne , Switzerland)

Tuesday 15 March 2016 - AM**ROOM : Arc Room****The patient with cancer** [Standard presentation]

11:00 - 11:15 - Different forms of sepsis
Craig M Coopersmith (Atlanta, United States)

11:15 - 11:30 - Different forms of ARDS
Elie Azoulay (Paris , France)

11:30 - 11:45 - Outcomes of patients with hematologic cancer
Sangeeta Mehta (Toronto , Canada)

11:45 - 12:00 - Starting anti-cancer therapy in the ICU
Dominique Benoit (Ghent , Belgium)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Arc Room

Rapid response systems [Standard presentation]

13:30 - 13:45 - Which patients benefit the most?
Daryl Jones (Heidelberg, Australia)

13:45 - 14:00 - Predicting cardiorespiratory instability
Michael Pinsky (Pittsburgh , United States)

14:00 - 14:15 - qSOFA as an alarm signal
Derek C Angus (Pittsburgh , United States)

14:15 - 14:30 - Discussion

14:30 - 14:45 - Altered renal function: Role of an e-alert?
Eric Hoste (Ghent , Belgium)

14:45 - 15:00 - Nurse's concern is the best signal
Arthur van Zanten (Ede , Netherlands)

15:00 - 15:15 - The impact of delayed response
Rinaldo Bellomo (Melbourne, Australia)

15:15 - 15:30 - Integration of palliative care
Judith E Nelson (New York , United States)

15:30 - 15:45 - Discussion

Corticosteroids for severe CAP [Pro-con debate]

15:45 - 16:15 - Corticosteroids for severe CAP

PRO Antoni Torres (Barcelona , Spain)

CON Jean-Daniel Chiche (Paris , France)

Early fluid resuscitation in septic shock: Let us be generous [Pro-con debate]

16:20 - 16:50 - Early fluid resuscitation in septic shock: Let us be generous

PRO Nathan Shapiro (Boston , United States)

CON Rinaldo Bellomo (Melbourne, Australia)

ECMO [Tutorial]

16:55 - 17:25 - ECMO
Michael Quintel (Göttingen , Germany)

Antimicrobial stewardship: What really counts [Meet the experts]
17:30 - 18:00 - Antimicrobial stewardship: What really counts
Jean Chastre (Paris , France), Tobias Welte (Hannover , Germany)

Wednesday 16 March 2016 - AM

ROOM : Gold Hall

How much fluid? [Standard presentation]

8:00 - 8:15 - Where does all that fluid go?
Luciano Gattinoni (Milan , Italy)

8:15 - 8:30 - Give a bolus: How long does the effect persist?
Jan Bakker (Rotterdam , Netherlands)

8:30 - 8:45 - Changes in fluid management over time
Manoj Saxena (Sydney, Australia)

8:45 - 8:55 - Discussion

8:55 - 9:10 - Does your patient really need central venous access?
Paul H Mayo (New Hyde Park , United States)

9:10 - 9:25 - My patient is oliguric, should I still push fluids?
Ravindra Mehta (San Diego , United States)

9:25 - 9:40 - DoReMiFa brings the answer
Claudio Ronco (Vicenza , Italy)

9:40 - 9:50 - Discussion

9:50 - 10:10 - Break

VILI: 40 years on [Standard presentation]

10:10 - 10:25 - Molecular mechanisms
Brian Kavanagh (Toronto , Canada)

10:25 - 10:40 - The basic principles
Marco Ranieri (Rome, Italy)

10:40 - 10:55 - Permissive atelectasis can be protective
Paolo Pelosi (Genoa , Italy)

10:55 - 11:05 - Discussion

11:05 - 11:20 - Driving pressure: What is it and why should we care about it?
Roy Brower (Baltimore , United States)

11:20 - 11:35 - My view on driving pressure
John J Marini (St Paul , United States)

11:35 - 11:50 - Brain injury and ARDS: The clash between protecting the lungs and protecting the brain
Salvatore Maurizio Maggiore (Chieti, Italy)

11:50 - 12:05 - Zero tidal volume is what we need
Arthur S Slutsky (Toronto , Canada)

12:05 - 12:15 - Discussion

Wednesday 16 March 2016 - PM

ROOM : Gold Hall

Vasoactive drugs in septic shock [Standard presentation]

13:45 - 14:00 - Norepinephrine administration: When to start
Jean-Louis Teboul (Le Kremlin-Bicêtre , France)

14:00 - 14:15 - How high should we go?
Claude Martin (Marseille , France)

14:15 - 14:30 - Alternatives to catecholamines
Anthony Gordon (London , United Kingdom)

14:30 - 14:45 - Vasopressin analogs
James A Russell (Vancouver , Canada)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Angiotensin II
Lakhmir S Chawla (San Diego, United States)

15:15 - 15:30 - Vasodilators
Jan Bakker (Rotterdam , Netherlands)

15:30 - 15:45 - Nitric oxide?
Daniel De Backer (Brussels, Belgium)

15:45 - 16:00 - Beta-blockade in sepsis... yins and yangs
Mervyn Singer (London , United Kingdom)

16:00 - 16:15 - Discussion

16:15 - 16:25 - Break

CPAP, BIPAP, High flow nasal oxygen, NIV...: How to choose? [Round table]

17:00 - 18:00 - CPAP, BIPAP, High flow nasal oxygen, NIV...: How to choose?
Laurent Brochard (Toronto, Canada), Massimo Antonelli (Rome , Italy), Samir Jaber (Montpellier , France)

Wednesday 16 March 2016 - AM

ROOM : Copper Hall

Sedation & analgesia [Standard presentation]

8:00 - 8:15 - Pain assessment in the ICU

Kathleen Puntillo (San Francisco , United States)

8:15 - 8:30 - Non-steroidal anti-inflammatory drugs: To avoid or to promote?

Patrice Forget (Brussels , Belgium)

8:30 - 8:45 - Ketamine in acute brain injury: New indication for an old drug?

Geert Meyfroidt (Leuven , Belgium)

8:45 - 8:55 - Discussion

8:55 - 9:10 - Still a place for clonidine?

Patrice Forget (Brussels , Belgium)

9:10 - 9:25 - More sedation during the night?

Sangeeta Mehta (Toronto , Canada)

9:25 - 9:40 - Managing comfort in the pediatric patient

Martha A Curley (Philadelphia, United States)

9:40 - 9:50 - Discussion

9:50 - 10:05 - Sedation to improve patient-ventilator interactions?

Roberta Costa (Rome, Italy)

10:05 - 10:20 - Implementation strategies

Georg-Christian Funk (Vienna , Austria)

10:20 - 10:35 - Improving ICU management altogether

E Wesley Ely (Nashville , United States)

10:35 - 10:45 - Discussion

10:45 - 11:00 - Break

How I optimize enteral feeding [Meet the experts]

11:00 - 11:35 - How I optimize enteral feeding

Arthur van Zanten (Ede , Netherlands), Kenneth Christopher (Boston, United States)

Personalized glycemic control [Tutorial]

11:40 - 12:15 - Personalized glycemic control

James Krinsley (Stamford , United States)

Wednesday 16 March 2016 - PM

ROOM : Copper Hall**A closer look at albumin** [Standard presentation]

13:45 - 14:00 - Biological properties

James A Russell (Vancouver , Canada)

14:00 - 14:15 - Synthesis, turnover, extravasation,... : Where does it end up?

Jan Wernerman (Stockholm , Sweden)

14:15 - 14:30 - Do colloids really stay longer in the vessels?

Markus Rehm (Munich , Germany)

14:30 - 14:45 - Albumin or albumins? There are several kinds

Jean-Paul Mira (Paris , France)

14:45 - 14:55 - Discussion

14:55 - 15:10 - Hepatologists love it

Paolo Angeli (Padova , Italy)

15:10 - 15:25 - Should intensivists love it?

Simon Finfer (Sydney , Australia)

15:25 - 15:40 - Its role in small volume resuscitation

Johan Martensson (Melbourne, Australia)

15:40 - 15:55 - Discussion

15:55 - 16:15 - Break

Is the glutamine story over? [Pro-con debate]

16:15 - 16:55 - Is the glutamine story over?

PRO Arthur van Zanten (Ede , Netherlands)

CON Jan Wernerman (Stockholm , Sweden)

TTM after CPR : The unanswered questions [Round table]

17:00 - 18:00 - TTM after CPR : the unanswered questions

Fabio S Taccone (Brussels , Belgium), Kjetil Sunde (Oslo , Norway), Jerry Nolan (Bath , United Kingdom), Johannes Van Der Hoeven (Nijmegen , Netherlands)

Wednesday 16 March 2016 - AM**ROOM : Salle M (Bozar)****How we decide** [Standard presentation]

8:00 - 8:15 - Protocols and guidelines: Misaligned and misattributed

Brian Kavanagh (Toronto , Canada)

8:15 - 8:30 - Why don't all ICUs use selective digestive decontamination (SDD)?

Anthony Gordon (London , United Kingdom)

8:30 - 8:45 - Variability in decision making in hemodynamic management
Maxime Cannesson (Los Angeles, United States)

8:45 - 9:00 - How personal biases influence the decisions
Georg-Christian Funk (Vienna , Austria)

9:00 - 9:15 - Discussion

9:15 - 9:30 - The influence of human factors: Looking into the mirror
Stephen Brett (London , United Kingdom)

9:30 - 9:45 - The therapeutic conflict: When each of your decisions may cause harm
Azriel Perel (Tel Aviv , Israel)

9:45 - 10:00 - Changing strategies at the right time
Jesse Hall (Chicago , United States)

10:00 - 10:15 - How to implement changes
Tom Stelfox (Calgary, Canada)

10:15 - 10:30 - Discussion

10:30 - 10:45 - Break

Decompensated COPD: New insights [Standard presentation]

10:45 - 11:00 - Heart-lung interactions
Jesse Hall (Chicago , United States)

11:00 - 11:15 - It is a cardiac problem
Alexandre Mebazaa (Paris , France)

11:15 - 11:30 - Ventilation with helium
Laurent Brochard (Toronto, Canada)

11:30 - 11:45 - Pharmacological management
Tobias Welte (Hannover , Germany)

11:45 - 12:00 - The future: ECCO2 removal and spontaneous breathing
Luciano Gattinoni (Milan , Italy)

12:00 - 12:15 - Discussion

Wednesday 16 March 2016 - PM

ROOM : Salle M (Bozar)

Fluid responsiveness [Standard presentation]

14:45 - 15:00 - A review of the techniques
Jean-Louis Teboul (Le Kremlin-Bicêtre , France)

15:00 - 15:15 - Parameters of fluid-responsiveness: Do they really predict?
Antoine Vieillard-Baron (Boulogne-Billancourt , France)

15:15 - 15:30 - New advances in the assessment of preload responsiveness
Xavier Monnet (Le Kremlin-Bicêtre , France)

15:30 - 15:45 - Discussion

15:45 - 16:00 - Passive leg raising: The impact of both elements - thorax down and legs up
Jan Bakker (Rotterdam , Netherlands)

16:00 - 16:15 - SVV and PPV in the OR vs in the ICU
Matthieu Biais (Bordeaux, France)

16:15 - 16:30 - The 'gray zone' for decision making
Maxime Cannesson (Los Angeles, United States)

16:30 - 16:45 - Discussion

16:45 - 17:00 - Limitations of these techniques
Michel Slama (Amiens , France)

17:00 - 17:15 - How many shades of grey?
Frédéric Michard (Nyon, Switzerland)

17:15 - 17:30 - We should measure volume deficit not responsiveness
Andrew Shaw (Nashville, United States)

17:30 - 17:45 - Discussion

Wednesday 16 March 2016 - AM

ROOM : Tent

Airways [Standard presentation]

8:00 - 8:15 - Team approach to urgent endotracheal intubation.
Paul H Mayo (New Hyde Park , United States)

8:15 - 8:30 - Difficult intubation in the ICU
Samir Jaber (Montpellier , France)

8:30 - 8:45 - Tracheostomy: The various options
Paolo Pelosi (Genoa , Italy)

8:45 - 8:55 - Discussion

8:55 - 9:10 - Tracheostomy: When and how to decanulate
Gonzalo Hernandez (Toledo, Spain)

9:10 - 9:25 - Tracheostomy long-term follow-up
Marco Ranieri (Rome, Italy)

9:25 - 9:40 - Dysphagia on the ICU - underestimated but frequent
Rainer Dziewas (Münster, Germany)

9:40 - 9:50 - Discussion

9:50 - 10:05 - Break

Non-invasive ventilation [Standard presentation]

10:05 - 10:20 - ...after surgery
Samir Jaber (Montpellier , France)

10:20 - 10:35 - ...in immunocompromised patients
Elie Azoulay (Paris , France)

10:35 - 10:50 - ...in patients electing not to be intubated
J Randall Curtis (Seattle , United States)

10:50 - 11:00 - Discussion

11:00 - 11:15 - Still a place in ARDS?
Arnaud Thille (Poitiers, France)

11:15 - 11:30 - Optimization of patient- ventilator interactions
Roberta Costa (Rome, Italy)

11:30 - 11:45 - Optimization of aerosol bronchodilator delivery
Paolo Pelosi (Genoa , Italy)

11:45 - 12:00 - A place for negative pressure ventilation?
Brian Kavanagh (Toronto , Canada)

12:00 - 12:15 - Discussion

Wednesday 16 March 2016 - PM

ROOM : Tent

50 shades of ARDS [Standard presentation]

13:45 - 14:00 - Is Berlin the final word? G Rubenfeld
Gordon Rubenfeld (Toronto , Canada)

14:00 - 14:15 - The baby lung in ARDS, still a valid concept?
Luciano Gattinoni (Milan , Italy)

14:15 - 14:30 - ...although children are less susceptible to lung injury
Brian Kavanagh (Toronto , Canada)

14:30 - 14:40 - Discussion

14:40 - 14:55 - Different in children?

Davide Chiumello (Milan , Italy)

14:55 - 15:10 - Diagnosing ARDS with other variables

Marcus Schultz (Amsterdam , Netherlands)

15:10 - 15:25 - When to consider ECMO

Alain Combes (Paris , France)

15:25 - 15:35 - Discussion

Respiratory muscle activity during mechanical ventilation [Standard presentation]

15:35 - 15:50 - Respiratory muscle underuse

Laurent Brochard (Toronto, Canada)

15:50 - 16:05 - Diaphragmatic function

Samir Jaber (Montpellier , France)

16:05 - 16:20 - The dark side: Unsuspected mechanisms of lung injury

Marcelo Amato (Sao Paulo , Brazil)

16:20 - 16:35 - Are transpulmonary pressures different during assisted and controlled ventilation?

Giacomo Bellani (Monza , Italy)

16:35 - 16:45 - Discussion

16:45 - 17:00 - Effects of mechanical ventilation on diaphragm dysfunction

Niall Ferguson (Toronto , Canada)

17:00 - 17:15 - Adjusting the respirator in the child

Roberta Costa (Rome, Italy)

17:15 - 17:30 - Does asynchrony affect outcome?

Robert M Kacmarek (Boston , United States)

17:30 - 17:45 - Does ventilator dysynchrony matter in ARDS?

Daniel Talmor (Boston , United States)

17:45 - 18:00 - Discussion

Wednesday 16 March 2016 - AM

ROOM : Silver Hall

Intellectual function after ICU [Standard presentation]

8:00 - 8:15 - What do patients recall?

Sangeeta Mehta (Toronto , Canada)

8:15 - 8:30 - Long-term neurocognitive sequelae in children
Greet Van den Berghe (Leuven , Belgium)

8:30 - 8:45 - Cognitive and psychological outcomes
Ramona O Hopkins (Murray , United States)

8:45 - 9:00 - Mood disorders
Margaret Herridge (Toronto , Canada)

9:00 - 9:15 - Dementia
Hannah Wunsch (Toronto, Canada)

9:15 - 9:30 - Discussion

9:30 - 9:45 - Break

ICU-acquired weakness [Standard presentation]

9:45 - 10:00 - Neuromuscular complications
Nicola Latronico (Brescia , Italy)

10:00 - 10:15 - Muscle injury and repair: The mechanisms
Claudia Dos Santos (Toronto , Canada)

10:15 - 10:30 - Septic myopathy: Are all muscles affected equally?
Mervyn Singer (London , United Kingdom)

10:30 - 10:45 - Weaning patients with neuromyopathy
Samir Jaber (Montpellier , France)

10:45 - 11:00 - Discussion

11:00 - 11:15 - How to capture post-ICU disability
Margaret Herridge (Toronto , Canada)

11:15 - 11:30 - Nutritional strategies to reduce muscle wasting
Danielle Bear (London, United Kingdom)

11:30 - 11:45 - Is there a place for anabolic agents?
Paul Wischmeyer (Aurora , United States)

11:45 - 12:00 - Rehabilitation: How hard and when?
Jesse Hall (Chicago , United States)

12:00 - 12:15 - Discussion

Wednesday 16 March 2016 - PM

ROOM : Silver Hall

Nasal high-flow oxygen therapy [Standard presentation]

Moderator : Arnaud Thille (Poitiers, France)

13:45 - 14:00 - What is it all about?

Laurent Brochard (Toronto, Canada)

14:00 - 14:15 - ...in acute respiratory failure

Alain Mercat (Angers , France)

14:15 - 14:30 - ...after extubation

Gonzalo Hernandez (Toledo, Spain)

14:30 - 14:45 - Discussion

14:45 - 15:00 - ...after cardiothoracic surgery

F Stephan (Le Plessis Robinson, France)

15:00 - 15:15 - Should we still use NIV in acute hypoxemic respiratory failure? No

Salvatore Maurizio Maggiore (Chieti, Italy)

15:15 - 15:30 - Should we still use NIV in acute hypoxemic respiratory failure? Yes

Massimo Antonelli (Rome , Italy)

15:30 - 15:45 - Discussion

Using driving pressure in ventilation settings [Pro-con debate]

Moderator : Jeffrey M Drazen (Boston , United States)

15:45 - 16:15 - Using driving pressure in ventilation settings

PRO Arthur S Slutsky (Toronto , Canada)

CON Luciano Gattinoni (Milan , Italy)

Central venous pressure (CVP) for guiding fluid management : It is a myth [Pro-con debate]

16:20 - 16:50 - Central venous pressure (CVP) for guiding fluid management: Is it a myth

Roy Brower (Baltimore , United States)

CON Daniel De Backer (Brussels, Belgium)

Sedation [Tutorial]

16:55 - 17:25 - Sedation

Sangeeta Mehta (Toronto , Canada)

Plateau pressure: Tips and tricks [Tutorial]

17:30 - 18:00 - Plateau pressure: Tips and tricks

Giacomo Bellani (Monza , Italy)

Wednesday 16 March 2016 - AM

ROOM : 100 Hall

Automated mechanical ventilation [Standard presentation]

8:00 - 8:15 - Clinical relevance

Richard Branson (Cincinnati , United States)

8:15 - 8:30 - Shorter weaning?
Charles Gomersall (Shatin , Hong Kong)

8:30 - 8:45 - Also in ARDS?
Marco Maggiorini (Zurich , Switzerland)

8:45 - 9:00 - We did a meta-analysis on all this
Marcus Schultz (Amsterdam , Netherlands)

9:00 - 9:15 - Discussion

9:15 - 9:30 - Break

For a better ICU team [Standard presentation]

9:30 - 9:45 - Training a rapid response team
Daryl Jones (Heidelberg, Australia)

9:45 - 10:00 - How to run successful rounds
Craig M Coopersmith (Atlanta, United States)

10:00 - 10:15 - Communication skills training
J Randall Curtis (Seattle , United States)

10:15 - 10:30 - Discussion

10:30 - 10:45 - The ICU nurse from a physician's perspective
Judith E Nelson (New York , United States)

10:45 - 11:00 - How to prevent moral distress and burnout syndrome
Sean Bagshaw (Edmonton , Canada)

11:00 - 11:15 - Caregivers after critical illness: The forgotten family
Margaret Herridge (Toronto , Canada)

11:15 - 11:30 - Leading change in the ICU
Niall Ferguson (Toronto , Canada)

11:30 - 11:45 - Discussion

Hemofiltration techniques [Tutorial]

11:45 - 12:15 - Hemofiltration techniques
Ashita Tolwani (Birmingham, United States)

Wednesday 16 March 2016 - PM

ROOM : 100 Hall

Cardiac crises [Standard presentation]

13:45 - 14:00 - Acute myocardial infarction in the absence of coronary obstruction
Anthony McLean (Sydney , Australia)

14:00 - 14:15 - How antiplatelet aggregation agents influence the immune response
Peter Pickkers (Nijmegen , Netherlands)

14:15 - 14:30 - Acute heart failure in the ICU
Fabio Guarracino (Pisa , Italy)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Cardiogenic shock: Biomarker-guided management
Alexandre Mebazaa (Paris , France)

15:00 - 15:15 - Cardiorenal interactions in acute heart failure
Amir Kazory (Gainesville, United States)

15:15 - 15:30 - Still a place for the PA catheter?
Marco Maggiorini (Zurich , Switzerland)

15:30 - 15:45 - Discussion

15:45 - 16:00 - What place for levosimendan?
Sonja Fruhwald (Graz , Austria)

16:00 - 16:15 - What place for ECMO?
Matthieu Schmidt (Paris, France)

16:15 - 16:30 - And for ventricular assist devices and the artificial heart?
John Fraser (Brisbane , Australia)

16:30 - 16:45 - Discussion

Severe trauma [Tutorial]
16:45 - 17:20 - Severe trauma
Jacques Duranteau (Le Kremlin-Bicêtre , France)

Nutritional support (Tu) [Tutorial]
17:25 - 18:00 - Nutritional support
Jan Wernerman (Stockholm , Sweden)

Wednesday 16 March 2016 - AM

ROOM : 400 Hall

Pneumonia [Standard presentation]
8:00 - 8:15 - Increasing ICU access can improve outcomes
Theodore J Iwashyna (Ann Arbor, United States)

8:15 - 8:30 - Pneumocystis pneumonia
Elie Azoulay (Paris , France)

8:30 - 8:45 - Severe CAP
Antoni Torres (Barcelona , Spain)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Influenza and pneumonia: Relation to mortality
Michael S Niederman (New York, United States)

9:15 - 9:30 - Not only Pneumococcus!
Thierry Calandra (Lausanne , Switzerland)

9:30 - 9:45 - Antibiotic penetration in the lung
David P Nicolau (Hartford , United States)

9:45 - 10:00 - Pneumonia and renal failure: A very bad combination
Lakhmir S Chawla (San Diego, United States)

10:00 - 10:15 - Discussion

Viral infections [Standard presentation]

10:15 - 10:30 - New biomarkers for the diagnosis of viral pneumonitis
Benjamin Man Piu Tang (Penrith, Australia)

10:30 - 10:45 - Rapid, accurate diagnosis of RNA viral pathogens on microchips
Steven Opal (Providence , United States)

10:45 - 11:00 - The enemy sleeping within: Reactivation of viruses in critical illness
Anthony McLean (Sydney , Australia)

11:00 - 11:15 - Discussion

11:15 - 11:30 - When to treat viral reactivation in the ICU patient
Laurent Papazian (Marseille , France)

11:30 - 11:45 - Should we treat Herpes in respiratory samples from ICU patients?
Philippe Jorens (Edegem , Belgium)

11:45 - 12:00 - Middle East Respiratory Coronavirus (MERS-CoV) infection
Yaseen Arabi (Riyadh , Saudi Arabia)

12:00 - 12:15 - Discussion

Wednesday 16 March 2016 - PM

ROOM : 400 Hall

End-of-life issues [Standard presentation]

Moderator : Michael Quintel (Göttingen , Germany)

13:45 - 14:00 - Can the physician decide alone?

Gordon Rubinfeld (Toronto , Canada)

14:00 - 14:15 - The role of the ICU nurse
Kathleen Puntillo (San Francisco , United States)

14:15 - 14:30 - Predictions of outcome by ICU physicians and nurses
Scott D Halpern (Philadelphia, United States)

14:30 - 14:45 - We need a good ICU team climate
Dominique Benoit (Ghent , Belgium)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Role of the relatives
Jacques Creteur (Brussels , Belgium)

15:15 - 15:30 - The role of the MET team in these discussions
Daryl Jones (Heidelberg, Australia)

15:30 - 15:45 - We need to educate our other colleagues.
Balasubramanian Venkatesh (Brisbane , Australia)

15:45 - 16:00 - When to give up in heart failure
Sonja Fruhwald (Graz , Austria)

16:00 - 16:15 - Discussion

16:15 - 16:30 - We could understand patients´ preferences better
Samuel Brown (Murray, United States)

16:30 - 16:45 - Advanced directives for limited ICU care
Kai Zacharowski (Frankfurt , Germany)

16:45 - 17:00 - Who should provide palliative care?
Judith E Nelson (New York , United States)

17:00 - 17:15 - The challenge of integrating palliative and critical care
J Randall Curtis (Seattle , United States)

17:15 - 17:30 - Discussion

The comatose patient [Tutorial]

17:30 - 18:00 - The comatose patient
Nicolas Gaspard (Brussels, Belgium)

Wednesday 16 March 2016 - AM

ROOM : Lippens Room National Library

Hematological challenges [Standard presentation]

Moderator : Beverley Hunt (London , United Kingdom)

8:00 - 8:15 - Hemophagocytic syndrome

Paul Coppo (Paris, France)

8:15 - 8:30 - Catastrophic antiphospholipid syndrome (CAPS)

Beverley Hunt (London , United Kingdom)

8:30 - 8:45 - Thrombocytopenia in the ICU

F Stephan (Le Plessis Robinson, France)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Thrombotic microangiopathies

Elie Azoulay (Paris , France)

9:15 - 9:30 - Thrombotic thrombocytopenic purpura

Paul Coppo (Paris, France)

9:30 - 9:45 - Heparin-induced thrombocytopenia

Jerrold H Levy (Durham, United States)

9:45 - 10:00 - Discussion

10:00 - 10:10 - Break

New techniques in echocardiography [Standard presentation]

10:10 - 10:25 - The new options

Daniel De Backer (Brussels, Belgium)

10:25 - 10:40 - Contrast enhanced ultrasound

Anthony McLean (Sydney , Australia)

10:40 - 10:55 - Strain analysis

Michel Slama (Amiens , France)

10:55 - 11:05 - Discussion

11:05 - 11:20 - Does 3D echo help?

Gerard R Manecke (San Diego, United States)

11:20 - 11:35 - All I need is basic features

Antoine Vieillard-Baron (Boulogne-Billancourt , France)

11:35 - 11:50 - Discussion

ICU-acquired infections: How they contribute to late sepsis mortality [Plenary lecture]

11:50 - 12:15 - ICU-acquired infections: How they contribute to late sepsis mortality

Tom van der Poll (Amsterdam , Netherlands)

Wednesday 16 March 2016 - PM

ROOM : Lippens Room National Library

Improving clinical trials [Standard presentation]

Moderator : Michaël Casaer (Leuven , Belgium)

13:45 - 14:00 - How to conduct the best clinical trial

Simon Finfer (Sydney , Australia)

14:00 - 14:15 - We should stop ICU clinical research bashing

Jean-Daniel Chiche (Paris , France)

14:15 - 14:30 - Clinical trial enrichment strategies: Towards more signal with less noise

Taylor Thompson (Boston , United States)

14:30 - 14:45 - Are adaptive designs really better?

Derek C Angus (Pittsburgh , United States)

14:45 - 15:00 - Discussion

15:00 - 15:15 - We should improve risk stratification

Hector R Wong (Cincinnati , United States)

15:15 - 15:30 - The complexities of consent for acute care research

Manoj Saxena (Sydney, Australia)

15:30 - 15:45 - All ICU patients should be enrolled in a RCT

Niall Ferguson (Toronto , Canada)

15:45 - 16:00 - Discussion

16:00 - 16:15 - Patients should actively contribute to research

Tom Stelfox (Calgary, Canada)

16:15 - 16:30 - Patients should be considered as partners in recovery: Let us THRIVE

Theodore J Iwashyna (Ann Arbor, United States)

16:30 - 16:45 - Public should participate in research prioritization and design

Stephen Brett (London , United Kingdom)

16:45 - 17:00 - The entire team should be involved to answer complex clinical questions together

Martha A Curley (Philadelphia, United States)

17:00 - 17:15 - Discussion

How I select ventilatory settings [Meet the experts]

17:15 - 18:00 - How I select ventilatory settings

Michael Quintel (Göttingen , Germany), Antonio Pesenti (Milan , Italy)

Wednesday 16 March 2016 - AM

ROOM : Studio (Bozar)**Biomarkers in sepsis** [Standard presentation]

8:00 - 8:15 - Sepsis biomarkers : an overview

Pierre Emmanuel Charles (Dijon , France)

8:15 - 8:30 - Why we should assess the inflammatory status

Didier Payen (Paris , France)

8:30 - 8:45 - Nucleated RBCs in critical illness outcomes

Kenneth Christopher (Boston, United States)

8:45 - 8:55 - Discussion

8:55 - 9:10 - We should look at the time course

Nathan Shapiro (Boston , United States)

9:10 - 9:25 - How integrative genomics can help to develop robust biomarkers

Claudia Dos Santos (Toronto , Canada)

9:25 - 9:40 - Risk stratification models

Hector R Wong (Cincinnati , United States)

9:40 - 9:55 - Sepsis, life and death: Same signature, bigger script

Mervyn Singer (London , United Kingdom)

9:55 - 10:05 - Discussion

10:05 - 10:20 - Omics approach to biomarker identification

Jean-Daniel Chiche (Paris , France)

10:20 - 10:35 - Improved phenotyping

Anthony Gordon (London , United Kingdom)

10:35 - 10:50 - PCR-based microbiological diagnostics will help

Mathias Pletz (Jena, Germany)

10:50 - 11:05 - No sepsis marker will ever be entirely specific

Thierry Calandra (Lausanne , Switzerland)

11:05 - 11:15 - Discussion

Severe CAP [Tutorial]

11:15 - 11:45 - Severe CAP

Michael S Niederman (New York, United States)

When and how I use the PA catheter [Meet the experts]

11:45 - 12:15 - When and how I use the PA catheter

Antonio Pesenti (Milan , Italy), Jukka Takala (Bern , Switzerland)

Wednesday 16 March 2016 - PM

ROOM : Studio (Bozar)

Nutritional support [Standard presentation]

13:45 - 14:00 - Are fewer calories more in the acute phase of critical illness?

Gunnar Elke (Kiel, Germany)

14:00 - 14:15 - Protein turnover

Olav Rooyackers (Huddinge , Sweden)

14:15 - 14:30 - The concept of permissive underfeeding

Yaseen Arabi (Riyadh , Saudi Arabia)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Calorie requirements in critical illness: Are we missing the target?

Paul Young (Wellington, New Zealand)

15:00 - 15:15 - We should use indirect calorimetry in some patients

Elisabeth De Waele (Brussels , Belgium)

15:15 - 15:30 - An algorithm to improve feeding

Peter Weijs (Amsterdam, Netherlands)

15:30 - 15:45 - Discussion

15:45 - 16:00 - Break

Delirium: Still a problem? [Standard presentation]

16:00 - 16:15 - Managing distressing symptoms in ICU patients

Kathleen Puntillo (San Francisco , United States)

16:15 - 16:30 - Pharmacological and non-pharmacological management

Dale Needham (Baltimore , United States)

16:30 - 16:45 - Agitated delirium: Can dexmedetomidine help?

Michael Reade (Brisbane, Australia)

16:45 - 17:00 - Septic encephalopathy is different from delirium

Nicola Latronico (Brescia , Italy)

17:00 - 17:15 - Does delirium predispose to dementia?

E Wesley Ely (Nashville , United States)

17:15 - 17:30 - Discussion

Patient-ventilator asynchrony [Tutorial]

17:30 - 18:00 - Patient-ventilator asynchrony

Alain Mercat (Angers , France)

Wednesday 16 March 2016 - AM

ROOM : Arc Room

For a better interpretation of clinical trials [Standard presentation]

8:00 - 8:15 - Analyzing RCTs including heterogeneity of treatment effect

Theodore J Iwashyna (Ann Arbor, United States)

8:15 - 8:30 - Common errors in published research

Simon Finfer (Sydney , Australia)

8:30 - 8:45 - Why do good trials sometimes yield divergent results?

John C Marshall (Toronto , Canada)

8:45 - 9:00 - We need to evaluate fragility index

Paul Young (Wellington, New Zealand)

9:00 - 9:15 - Discussion

How big the trial? [Standard presentation]

9:15 - 9:30 - Randomized trials: The illusion of big numbers

Luciano Gattinoni (Milan , Italy)

9:30 - 9:45 - Big data or big hype?

Gordon Rubinfeld (Toronto , Canada)

9:45 - 10:00 - Big Data's dangers: Increasingly confident wrong answers

Theodore J Iwashyna (Ann Arbor, United States)

10:00 - 10:10 - Discussion

10:10 - 10:25 - We could fuse RCTs with Big Data

Derek C Angus (Pittsburgh , United States)

10:25 - 10:40 - We need perpetual global trials

Paul Young (Wellington, New Zealand)

10:40 - 10:55 - Specific phenotypes can reduce the size of the trial

Hector R Wong (Cincinnati , United States)

10:55 - 11:05 - Discussion

Best outcomes in clinical trials: My 10 min recommendation [Workshop]

11:05 - 11:20 - What are the options?

James A Russell (Vancouver , Canada)

11:20 - 11:35 - We should improve outcome assessment

Michaël Casaer (Leuven , Belgium)

11:35 - 11:50 - We should focus more on non-mortal outcomes
Scott D Halpern (Philadelphia, United States)

11:50 - 12:05 - We should capture post-ICU disability
Margaret Herridge (Toronto , Canada)

12:05 - 12:15 - Discussion

Wednesday 16 March 2016 - PM

ROOM : Arc Room

Removing evil humors [Standard presentation]

Moderator : Zsolt Molnar (Szeged , Hungary)

13:30 - 13:45 - A review of the various techniques
Thomas Rimmelé (Lyon, France)

13:45 - 14:00 - Which mediators to remove
Axel Nierhaus (Hamburg , Germany)

14:00 - 14:15 - ...in sepsis
John Kellum (Pittsburgh , United States)

14:15 - 14:30 - Discussion

14:30 - 14:45 - ...in liver failure
Julia Wendon (London , United Kingdom)

14:45 - 15:00 - It is not just evil humors
Detlef Kindgen-Milles (Düsseldorf , Germany)

15:00 - 15:10 - Discussion

15:10 - 15:25 - Break

Does ECMO save lives? [Standard presentation]

15:25 - 15:40 - ...in cardiogenic shock
Harlinde Peperstraete (Gent, Belgium)

15:40 - 15:55 - ...in severe pulmonary hypertension
Daniel Brodie (New York, United States)

15:55 - 16:10 - ...as a bridge to lung transplantation
Davide Chiumello (Milan , Italy)

16:10 - 16:25 - Discussion

16:25 - 16:40 - I am a believer
Alain Combes (Paris , France)

16:40 - 16:55 - I am a skeptic
Roy Brower (Baltimore , United States)

16:55 - 17:05 - Discussion

How we will treat sepsis in 10 years [Plenary lecture]

17:05 - 17:30 - How we will treat sepsis in 10 years
Steven Opal (Providence , United States)

Pleural effusion: What to do with it [Tutorial]

17:30 - 18:00 - Pleural effusion: What to do with it
Davide Chiumello (Milan , Italy)

Thursday 17 March 2016 - AM

ROOM : Gold Hall

The best IV fluid [Standard presentation]

8:00 - 8:15 - Colloids are for volume expansion and crystalloids for hydration
Can Ince (Amsterdam , Netherlands)

8:15 - 8:30 - Safety profile of colloid solutions
Christian J Wiedermann (Bolzano , Italy)

8:30 - 8:45 - The risk-benefit profile of gelatin
Konrad Reinhart (Jena , Germany)

8:45 - 9:00 - Saline vs. Plasmalyte in major surgery
Rinaldo Bellomo (Melbourne, Australia)

9:00 - 9:15 - Discussion

9:15 - 9:30 - Saline is still the best solution
Paul Young (Wellington, New Zealand)

9:30 - 9:45 - Saline is still a bad solution
Andrew Shaw (Nashville, United States)

9:45 - 10:00 - Saline, acidosis and renal function: Why the signal is not so clear
John Kellum (Pittsburgh , United States)

10:00 - 10:15 - The best IV fluid in sepsis
Claude Martin (Marseille , France)

10:15 - 10:30 - Discussion

10:30 - 10:45 - The best IV fluid in cardiac surgery
Andrew Shaw (Nashville, United States)

10:45 - 11:00 - The best IV fluid in trauma

Jacques Duranteau (Le Kremlin-Bicêtre , France)

11:00 - 11:15 - A place for hypertonic solutions?

Fuhong Su (Brussels , Belgium)

11:15 - 11:30 - All IV fluids are good and bad

Zsolt Molnar (Szeged , Hungary)

11:30 - 11:45 - Discussion

11:45 - 12:05 - POSTER AWARDS

Jukka Takala (Bern , Switzerland)

Thursday 17 March 2016 - PM

ROOM : Gold Hall

New sepsis definitions: Is it real progress? [Standard presentation]

13:45 - 14:00 - Has mortality really decreased so much?

Kirsi-Maija Kaukonen (Helsinki, Finland)

14:00 - 14:15 - 'New' definitions: True progress or simply shuffling the cards?

Mervyn Singer (London , United Kingdom)

14:15 - 14:30 - How the perception of sepsis will be affected

Konrad Reinhart (Jena , Germany)

14:30 - 14:45 - Will we better know the sepsis epidemiology?

Kathy Rowan (London , United Kingdom)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Septic shock: Offering clarity?

Manu Shankar-Hari (London , United Kingdom)

15:15 - 15:30 - The qSOFA to identify the septic patient

Derek C Angus (Pittsburgh , United States)

15:30 - 15:45 - Now the future....Do we have a roadmap?

Thierry Calandra (Lausanne , Switzerland)

15:45 - 16:00 - Discussion

16:00 - 16:20 - Break

Critical Care Medicine in the major journals [Standard presentation]

16:20 - 16:35 - The rise of evidence: Also in critical care medicine?

Jeffrey M Drazen (Boston , United States)

16:35 - 16:50 - Value in healthcare

Howard Bauchner (Chicago, United States)

16:50 - 17:00 - Discussion

Mobilization in the ICU: How I do it (RT) [Round table]

17:00 - 18:00 - Mobilization in the ICU: How I do it

Rinaldo Bellomo (Melbourne, Australia), Daniel Brodie (New York, United States), Jesse Hall (Chicago , United States), Dale Needham (Baltimore , United States), Nicola Latronico (Brescia , Italy)

Thursday 17 March 2016 - AM

ROOM : Copper Hall

Towards ideal ICU organization [Standard presentation]

8:00 - 8:15 - We can improve the ICU environment

Martha A Curley (Philadelphia, United States)

8:15 - 8:30 - Optimal alarms

Jean-Daniel Chiche (Paris , France)

8:30 - 8:45 - Evaluating the risk state in the ICU

Daniel Talmor (Boston , United States)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Re-engineering the ICU to improve the benefit/risk ratio

Samuel Brown (Murray, United States)

9:15 - 9:30 - The pros and cons of intermediate care

Hannah Wunsch (Toronto, Canada)

9:30 - 9:45 - ICU capacity: Strain and impact on health care providers

Sean Bagshaw (Edmonton , Canada)

9:45 - 10:00 - Discussion

10:00 - 10:15 - Integrating nurse practitioners and physician assistants into the ICU team

Craig M Coopersmith (Atlanta, United States)

10:15 - 10:30 - Do we need advanced practice providers everywhere?

Stephen Pastores (New York , United States)

10:30 - 10:45 - My ICU is full and you want more?

Scott D Halpern (Philadelphia, United States)

10:45 - 11:00 - Principles of triage of admissions

Charles Gomersall (Shatin , Hong Kong)

11:00 - 11:15 - Discussion

Point-of-care ultrasound [Tutorial]

11:15 - 11:45 - Point-of-care ultrasound

Maxime Cannesson (Los Angeles, United States)

Guidelines for HAP/VAP: Europe vs America [Plenary lecture]

11:50 - 12:15 - Guidelines for HAP/VAP: Europe vs America

Antoni Torres (Barcelona , Spain)

Thursday 17 March 2016 - PM**ROOM : Copper Hall****Traumatic brain injury [Standard presentation]**

13:45 - 14:00 - The changing epidemiology

Andrew I Maas (Edegem , Belgium)

14:00 - 14:15 - Neurosurgical strategies

Peter Le Roux (Wynnewood, United States)

14:15 - 14:30 - Respiratory management

Jacques Duranteau (Le Kremlin-Bicêtre , France)

14:30 - 14:45 - Targeted temperature management

Manoj Saxena (Sydney, Australia)

14:45 - 15:00 - Discussion

15:00 - 15:15 - A place for EPO?

Rinaldo Bellomo (Melbourne, Australia)

15:15 - 15:30 - Inhaled nitric oxide to protect the brain?

Richard Branson (Cincinnati , United States)

15:30 - 15:45 - New guidelines 2016

Stephan A Mayer (New York , United States)

15:45 - 16:00 - How best predict outcomes

Kathy Rowan (London , United Kingdom), Kathy Rowan (London , United Kingdom)

16:00 - 16:15 - Discussion

Corticosteroids in septic shock: Still a place? [Standard presentation]

16:15 - 16:30 - How cortisol metabolism is altered

Greet Van den Berghe (Leuven , Belgium)

16:30 - 16:45 - Update on clinical trials

Djillali Annane (Garches , France)

16:45 - 17:00 - Ten false beliefs about plasma cortisol in critically ill patients

Balasubramanian Venkatesh (Brisbane , Australia)

17:00 - 17:15 - We must consider septic shock endotypes
Hector R Wong (Cincinnati , United States)

17:15 - 17:30 - Discussion

Prevention of nosocomial infections [Tutorial]

17:30 - 18:00 - Prevention of nosocomial infections
Geoffrey Bellin (London , United Kingdom)

Thursday 17 March 2016 - AM

ROOM : Salle M (Bozar)

Respiratory monitoring in ARDS [Standard presentation]

8:00 - 8:15 - Update on lung ultrasonography
Paul H Mayo (New Hyde Park , United States)

8:15 - 8:30 - Bedside imaging
Daniel Reuter (Hamburg , Germany)

8:30 - 8:45 - Esophageal pressure monitoring
Laurent Brochard (Toronto, Canada)

8:45 - 9:00 - Discussion

9:00 - 9:15 - How to optimize the lung CT scan
Davide Chiumello (Milan , Italy)

9:15 - 9:30 - Extravascular lung water and pulmonary permeability
Xavier Monnet (Le Kremlin-Bicêtre , France)

9:30 - 9:45 - Quantitative diagnosis of ARDS using extravascular lung water
Takashi Tagami (Tokyo, Japan)

9:45 - 10:00 - Lung perfusion at the bedside: The future is now
Marcelo Amato (Sao Paulo , Brazil)

10:00 - 10:15 - Discussion

10:15 - 10:35 - Break

Parenteral nutrition : When and how? [Meet the experts]

10:35 - 11:05 - Parenteral nutrition : When and how?
Michaël Casaer (Leuven , Belgium), Gunnar Elke (Kiel, Germany)

How I use renal replacement therapy [Meet the experts]

11:10 - 11:40 - How I use renal replacement therapy
Vincenzo Cantaluppi (Novara, Italy), Antoine Schneider (Lausanne , Switzerland)

How I treat septic shock [Meet the experts]

11:45 - 12:15 - How I treat septic shock

Claude Martin (Marseille , France), Mervyn Singer (London , United Kingdom)

Thursday 17 March 2016 - PM**ROOM : Salle M (Bozar)****Lung recruitment in ARDS** [Standard presentation]

13:45 - 14:00 - Who responds to recruitment, and why

Luciano Gattinoni (Milan , Italy)

14:00 - 14:15 - Why PV-curves and CT assessment may fail

Marcelo Amato (Sao Paulo , Brazil)

14:15 - 14:30 - IET to monitor it

Giacomo Bellani (Monza , Italy)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Assessment by respiratory mechanics or CT scan: Are they related?

Luciano Gattinoni (Milan , Italy)

15:00 - 15:15 - Hemodynamic consequences of recruitment maneuvers

Michel Slama (Amiens , France)

15:15 - 15:30 - Discussion

Asthmatic crises [Tutorial]

15:30 - 16:00 - Asthmatic crises

Jesse Hall (Chicago , United States)

Recruitment and PEEP [Standard presentation]

16:00 - 16:15 - Is it really important?

Marcelo Amato (Sao Paulo , Brazil)

16:15 - 16:30 - How I do it practically

Roy Brower (Baltimore , United States)

16:30 - 16:45 - PEEP without lung recruitment results in overdistention?

Robert M Kacmarek (Boston , United States)

16:45 - 17:00 - Discussion

17:00 - 17:15 - Measurement of end-expiratory lung volume is useful

Alain Mercat (Angers , France)

17:15 - 17:30 - Beware of the hemodynamic effects

Xavier Monnet (Le Kremlin-Bicêtre , France)

17:30 - 17:45 - How to reduce PEEP when the patient gets better
Jean-Christophe Richard (Metz-Tessy, France)

17:45 - 18:00 - Discussion

Thursday 17 March 2016 - AM

ROOM : Tent

Perioperative optimization [Standard presentation]

8:00 - 8:15 - What are the goals?

Maxime Cannesson (Los Angeles, United States)

8:15 - 8:30 - What are the options?

Matthieu Biais (Bordeaux, France)

8:30 - 8:45 - Pulse contour derived methods

Nicola Brienza (Bari , Italy)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Can we still remain non-invasive?

Azriel Perel (Tel Aviv , Israel)

9:15 - 9:30 - Predetermined or individualized targets?

Daniel Reuter (Hamburg , Germany)

9:30 - 9:45 - Should we also measure ScvO₂?

Zsolt Molnar (Szeged , Hungary)

9:45 - 10:00 - Is it cost-effective?

Gerard R Manecke (San Diego, United States)

10:00 - 10:15 - Discussion

When do you measure ScvO₂ and what do you do with it? [Round table]

10:15 - 11:10 - When do you measure ScvO₂ and what do you do with it?

Jean-Louis Teboul (Le Kremlin-Bicêtre , France), Zsolt Molnar (Szeged , Hungary), Daniel De Backer (Brussels , Belgium), Luciano Gattinoni (Milan , Italy), Jan Bakker (Rotterdam , Netherlands)

ECMO: Complications and outcomes [Standard presentation]

11:15 - 11:30 - How echography can help

Dirk Donker (Utrecht, Netherlands)

11:30 - 11:45 - Neurological complications

Alain Combes (Paris , France)

11:45 - 12:00 - Infectious complications

Matthieu Schmidt (Paris, France)

12:00 - 12:15 - Discussion

Thursday 17 March 2016 - PM

ROOM : Tent

Weaning [Standard presentation]

13:45 - 14:00 - How to predict extubation failure

Arnaud Thille (Poitiers, France)

14:00 - 14:15 - Difficult weaning: What is the problem in this patient?

Georg-Christian Funk (Vienna , Austria)

14:15 - 14:30 - Cardiovascular limits

Antoine Vieillard-Baron (Boulogne-Billancourt , France)

14:30 - 14:45 - Discussion

14:45 - 15:00 - When and how to sedate

Massimo Antonelli (Rome , Italy)

15:00 - 15:15 - Weaning sedation and ventilation together

Samir Jaber (Montpellier , France)

15:15 - 15:30 - ECCO2R in difficult to wean patients

Marco Ranieri (Rome, Italy)

15:30 - 15:45 - Discussion

ARDS: How I set the respirator [Tutorial]

15:45 - 16:15 - ARDS: How I set the respirator

Niall Ferguson (Toronto , Canada)

Goal-oriented hemodynamic monitoring [Tutorial]

16:20 - 16:50 - Goal-oriented hemodynamic monitoring

Marco Maggiorini (Zurich , Switzerland)

PK/PD application to antibiotic stewardship [Tutorial]

16:55 - 17:25 - PK/PD application to antibiotic stewardship

David P Nicolau (Hartford , United States)

ICU economics: How to manage? [Tutorial]

17:30 - 18:00 - ICU economics: How to manage?

Jukka Takala (Bern , Switzerland)

Thursday 17 March 2016 - AM

ROOM : Silver Hall

Antibiotic therapy [Standard presentation]

8:00 - 8:15 - Reducing inappropriate and unnecessary use of antibiotics in the ICU

Jean Chastre (Paris , France)

8:15 - 8:30 - Conflict between missing infection and overuse of antibiotics

Thierry Calandra (Lausanne , Switzerland)

8:30 - 8:45 - New antibiotics

Thierry Calandra (Lausanne , Switzerland)

8:45 - 9:00 - Antibiotic treatment of the immunocompromised patient

Tobias Welte (Hannover , Germany)

9:00 - 9:15 - The challenge of the appropriate doses

Mathias Pletz (Jena, Germany)

9:15 - 9:30 - Discussion

Optimizing antibiotic therapy: Getting it right [Standard presentation]

9:30 - 9:45 - The right choice

Béatrice Grabein (München, Germany)

9:45 - 10:00 - The right time

Miguel Sánchez García (Madrid, Spain)

10:00 - 10:15 - The right first dose

Fabio S Taccone (Brussels , Belgium)

10:15 - 10:25 - Discussion

10:25 - 10:40 - How to adjust the doses

Jan De Waele (Ghent , Belgium)

10:40 - 10:55 - Also in renal failure

Charles Gomersall (Shatin , Hong Kong)

10:55 - 11:10 - The right way: Continuous vs. intermittent

Rinaldo Bellomo (Melbourne, Australia)

11:10 - 11:20 - Discussion

11:20 - 11:35 - When and how to deescalate

Jean-François Timsit (Paris, France)

11:35 - 11:50 - The right duration

Michael S Niederman (New York, United States)

11:50 - 12:05 - Do not forget the practical organizational aspects

Stijn Blot (Ghent , Belgium)

12:05 - 12:15 - Discussion

Thursday 17 March 2016 - PM

ROOM : Silver Hall

Special additions [Standard presentation]

13:45 - 14:00 - Glutamine in critical illness: Resolving controversy

Paul Wischmeyer (Aurora , United States)

14:00 - 14:15 - Fish oil supplementation may increase mortality

Arthur van Zanten (Ede , Netherlands)

14:15 - 14:30 - Vitamin D metabolomics

Kenneth Christopher (Boston, United States)

14:30 - 14:45 - So, should we give vitamin D?

Balasubramanian Venkatesh (Brisbane , Australia)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Selenium

Christian Stoppe (Aachen, Germany)

15:15 - 15:30 - Micronutrients: When and how?

Michaël Casaer (Leuven , Belgium)

15:30 - 15:45 - Probiotics: Who, When, and How do they work?

Paul Wischmeyer (Aurora , United States)

15:45 - 16:00 - Discussion

16:00 - 16:15 - Break

The obese patient [Standard presentation]

16:15 - 16:30 - Cardiopulmonary implications

John J Marini (St Paul , United States)

16:30 - 16:45 - Perioperative management

Paolo Pelosi (Genoa , Italy)

16:45 - 17:00 - Recruitment with decremental PEEP in the absence of ARDS

Robert M Kacmarek (Boston , United States)

17:00 - 17:15 - ARDS management

Davide Chiumello (Milan , Italy)

17:15 - 17:30 - Weaning from mechanical ventilation

Samir Jaber (Montpellier , France)

17:30 - 17:45 - Discussion

Thursday 17 March 2016 - AM

ROOM : 100 Hall

How do the kidneys fail... and recover? [Standard presentation]

8:00 - 8:15 - How mechanical ventilation can affect renal perfusion

Alain Mercat (Angers , France)

8:15 - 8:30 - Do not underestimate a glomerular origin

Manuel Praga (Madrid, Spain)

8:30 - 8:45 - Pathogenetic mechanisms in sepsis

Vincenzo Cantaluppi (Novara, Italy)

8:45 - 8:55 - Discussion

8:55 - 9:10 - Lack of oxygen

Rinaldo Bellomo (Melbourne, Australia)

9:10 - 9:25 - Lack of red blood cells

Can Ince (Amsterdam , Netherlands)

9:25 - 9:40 - Anemia or transfusion, which is worse?

Keyvan Karkouti (Toronto, Canada)

9:40 - 9:50 - Discussion

9:50 - 10:05 - It is inadequate perfusion

Miet Schetz (Leuven , Belgium)

10:05 - 10:20 - It is inflammation

Michael Joannidis (Innsbruck , Austria)

10:20 - 10:35 - Maybe both?

Didier Payen (Paris , France)

Transfusions [Standard presentation]

10:35 - 10:40 - Discussion

How do the kidneys fail... and recover? [Standard presentation]

10:45 - 11:00 - Intraabdominal hypertension can contribute

Eric Hoste (Ghent , Belgium)

11:00 - 11:15 - Drug-induced acute interstitial nephritis

Manuel Praga (Madrid, Spain)

11:15 - 11:30 - Pathways of recovery

Ravindra Mehta (San Diego , United States)

11:30 - 11:45 - Long-term mortality and morbidity
Max Bell (Stockholm, Sweden)

11:45 - 12:00 - How to facilitate renal recovery
Detlef Kindgen-Milles (Düsseldorf , Germany)

12:00 - 12:15 - Discussion

Thursday 17 March 2016 - PM

ROOM : 100 Hall

Fungal infections [Standard presentation]

13:45 - 14:00 - Early diagnosis of invasive candidiasis
Pierre Emmanuel Charles (Dijon , France)

14:00 - 14:15 - Invasive candidiasis: Beta-D glucan-guided therapy
Massimo Antonelli (Rome , Italy)

14:15 - 14:30 - Invasive fungal infections in the ICU
Thierry Calandra (Lausanne , Switzerland)

Infectious challenges [Standard presentation]

14:30 - 14:45 - Discussion

Fungal infections [Standard presentation]

14:45 - 15:00 - Fungal peritonitis
Philippe Montravers (Paris , France)

15:00 - 15:15 - How the surgeon could help
Gabriele Sganga (Roma , Italy)

15:15 - 15:30 - Deescalation of antifungal treatment
Jean-François Timsit (Paris, France)

15:30 - 15:45 - Discussion

15:45 - 16:00 - Aspergillus in endotracheal aspirates? What does it mean?
Stijn Blot (Ghent , Belgium)

16:00 - 16:15 - Nosocomial Candida lung infections: Myth or real concern?
Antoni Torres (Barcelona , Spain)

16:15 - 16:25 - Discussion

16:25 - 16:45 - Break

Infectious challenges [Standard presentation]

16:45 - 17:00 - Bacterial meningitis
Raimund Helbok (Innsbruck , Austria)

17:00 - 17:15 - Peritonitis
Jan De Waele (Ghent , Belgium)

17:15 - 17:30 - Abdominal sepsis
Christian Eckmann (Peine, Germany)

17:30 - 17:45 - Catheter-related infections
Jean-François Timsit (Paris, France)

17:45 - 18:00 - Discussion

Thursday 17 March 2016 - AM

ROOM : 400 Hall

Monitoring the peripheral circulation [Standard presentation]

8:00 - 8:15 - Clinical assessment
Jan Bakker (Rotterdam , Netherlands)

8:15 - 8:30 - On-line monitoring of microcirculatory flow
Michael Pinsky (Pittsburgh , United States)

8:30 - 8:45 - Microcirculatory imaging in sepsis: Beyond just flow
Nathan Shapiro (Boston , United States)

8:45 - 9:00 - Towards routine monitoring in the ICU
Jacques Duranteau (Le Kremlin-Bicêtre , France)

9:00 - 9:15 - Discussion

9:15 - 9:30 - Can CO₂ gradient be used to track microvascular perfusion?
Daniel De Backer (Brussels, Belgium)

9:30 - 9:45 - Sublingual capnometry: The concept
Jacques Creteur (Brussels , Belgium)

9:45 - 10:00 - Sublingual capnometry: Clinical applications
Diego Orbegozo Cortes (Brussels, Belgium)

10:00 - 10:15 - Discussion

10:15 - 10:35 - Break

Thursday 17 March 2016 - PM

ROOM : 400 Hall

Assessing renal function [Standard presentation]

13:45 - 14:00 - What are the options in the ICU?
Michael Joannidis (Innsbruck , Austria)

14:00 - 14:15 - The concept of functional renal reserve
Rinaldo Bellomo (Melbourne, Australia)

14:15 - 14:30 - Contrast-enhanced echography to guide therapy
Antoine Schneider (Lausanne , Switzerland)

14:30 - 14:45 - Discussion

14:45 - 15:00 - We need new biomarkers
Johan Martensson (Melbourne, Australia)

15:00 - 15:15 - We do not know what to do with new biomarkers.
Geert Meyfroidt (Leuven , Belgium)

15:15 - 15:30 - Discussion

The future of computer-assisted and closed loop systems [Standard presentation]

15:30 - 15:45 - The future is imaging, sensors and connectivity
Frédéric Michard (Nyon, Switzerland)

15:45 - 16:00 - Clinical information systems should be ICU specific
Jean-Daniel Chiche (Paris , France)

16:00 - 16:15 - Machine learning tools
Michael Pinsky (Pittsburgh , United States)

16:15 - 16:30 - Fluid management
Maxime Cannesson (Los Angeles, United States)

16:30 - 16:45 - Discussion

16:45 - 17:00 - Vasopressor therapy
Alexandre Mebazaa (Paris , France)

17:00 - 17:15 - Ventilator management
Salvatore Maurizio Maggiore (Chieti, Italy)

17:15 - 17:30 - Nutritional support
Arthur van Zanten (Ede , Netherlands)

17:30 - 17:45 - Glucose control
Jean-Charles Preiser (Brussels , Belgium)

17:45 - 18:00 - Discussion

Thursday 17 March 2016 - AM

ROOM : Lippens Room National Library

Polytrauma [Standard presentation]

8:00 - 8:15 - Priority setting

John C Marshall (Toronto , Canada)

8:15 - 8:30 - Importance of a multidisciplinary team approach

Kjetil Sunde (Oslo , Norway)

8:30 - 8:45 - New guidelines in early resuscitation

Jacques Duranteau (Le Kremlin-Bicêtre , France)

8:45 - 9:00 - New guidelines on bleeding control

Jean-Louis Vincent (Brussels , Belgium)

9:00 - 9:15 - Discussion

9:15 - 9:30 - When to shift from pro- to anti-coagulant therapy?

Michael Reade (Brisbane, Australia)

9:30 - 9:45 - Measuring the quality of trauma care

Tom Stelfox (Calgary, Canada)

9:45 - 10:00 - Immunoparalysis in trauma patients

Peter Pickkers (Nijmegen , Netherlands)

10:00 - 10:15 - Options for the future

Peter Radermacher (Ulm , Germany)

10:15 - 10:30 - Discussion

Bleeding management algorithms [Tutorial]

10:30 - 11:00 - Bleeding management algorithms

Oliver Theusinger (Zürich, Switzerland)

Cirrhosis [Tutorial]

11:05 - 11:35 - Cirrhosis

Mauro Bernardi (Bologna, Italy)

After cardiac arrest (Tu) [Tutorial]

11:40 - 12:15 - After cardiac arrest

Kjetil Sunde (Oslo , Norway)

Thursday 17 March 2016 - AM**ROOM : Studio (Bozar)**

The right ventricle [Standard presentation]

8:00 - 8:15 - What we need to know about pulmonary hypertension

Marco Maggiorini (Zurich , Switzerland)

8:15 - 8:30 - Hemodynamic effects of pulmonary embolism

Menno Huisman (Leiden, Netherlands)

8:30 - 8:45 - Acute RV failure

Alexandre Mebazaa (Paris , France)

8:45 - 9:00 - RV function can be harmed by PEEP

Antoine Vieillard-Baron (Boulogne-Billancourt , France)

9:00 - 9:15 - Discussion

9:15 - 9:30 - RV function can be improved by PEEP

Robert M Kacmarek (Boston , United States)

9:30 - 9:45 - PEEP can be good for the heart and for the lung

Michel Slama (Amiens , France)

9:45 - 10:00 - Extracorporeal techniques to improve the right heart

Dirk Donker (Utrecht, Netherlands)

10:00 - 10:15 - Discussion

10:15 - 10:30 - Break

Organ donation [Standard presentation]

10:30 - 10:45 - Organ donation in the ICU

Giuseppe Citerio (Monza , Italy)

10:45 - 11:00 - Managing brain death : the many challenges

Didier Payen (Paris , France)

11:00 - 11:15 - We should have more donations after cardiac death

Jacques Creteur (Brussels , Belgium)

11:15 - 11:30 - We should cool down the organ donor

Michael Joannidis (Innsbruck , Austria)

11:30 - 11:45 - Discussion

Bringing advanced critical care echo into everyday practice [Tutorial]

11:45 - 12:15 - Bringing advanced critical care echo into everyday practice

Anthony McLean (Sydney , Australia)

Thursday 17 March 2016 - PM

ROOM : Studio (Bozar)

ECMO: The quest for immortality? [Round table]

Moderator : Jukka Takala (Bern , Switzerland)

13:45 - 14:40 - ECMO: The quest for immortality?

Daniel Brodie (New York, United States), Alain Combes (Paris , France), Michael Quintel (Göttingen ,

Germany), Alain Mercat (Angers , France), Harlinde Peperstraete (Gent, Belgium)

Functional hemodynamic monitoring [Tutorial]

14:40 - 15:10 - Functional hemodynamic monitoring

Michael Pinsky (Pittsburgh , United States)

Severe burns [Tutorial]

15:15 - 15:45 - Severe burns

Takashi Tagami (Tokyo, Japan)

Difficult weaning [Tutorial]

15:50 - 16:20 - Difficult weaning

Johannes Van Der Hoeven (Nijmegen , Netherlands)

Severe pancreatitis [Tutorial]

16:25 - 16:55 - Severe pancreatitis

Pierre-François Laterre (Brussels , Belgium)

It looks like septic shock but [Tutorial]

17:00 - 17:30 - It looks like septic shock but...

Jean-Daniel Chiche (Paris , France)

Blood gases [Tutorial]

17:30 - 18:00 - Blood gases

Balasubramanian Venkatesh (Brisbane , Australia)

Thursday 17 March 2016 - AM

ROOM : Arc Room

ECMO: My practical approach [Meet the experts]

8:00 - 8:30 - ECMO: My practical approach

Dirk Donker (Utrecht, Netherlands), John Fraser (Brisbane , Australia)

How you can assess quality of care [Tutorial]

8:00 - 8:30 - How you can assess quality of care

Tom Stelfox (Calgary, Canada)

Discussions with relatives [Tutorial]

8:35 - 9:05 - Discussions with relatives

Elie Azoulay (Paris , France)

Massive bleeding (Tu) [Tutorial]

8:35 - 9:05 - Massive bleeding

Oliver Grottke (Aachen, Germany)

Hematologic emergencies [Tutorial]

9:10 - 9:40 - Hematologic emergencies

Paul Coppo (Paris, France)

Brain imaging [Tutorial]

9:10 - 9:40 - Brain imaging

Ramona O Hopkins (Murray , United States)

When is it safe to start oral feeding [Tutorial]

9:45 - 10:15 - When is it safe to start oral feeding

Rainer Dziewas (Münster, Germany)

Non ventilator ICU acquired pneumonia [Tutorial]

9:45 - 10:15 - Non ventilator ICU acquired pneumonia

F Stephan (Le Plessis Robinson, France)

Delirium [Tutorial]

10:20 - 10:50 - Delirium

E Wesley Ely (Nashville , United States)

Mechanical assistance of the failing heart [Tutorial]

10:20 - 10:50 - Mechanical assistance of the failing heart

John Fraser (Brisbane , Australia)

Diagnosis and treatment of acute PE [Tutorial]

10:55 - 11:25 - Diagnosis and treatment of acute PE

Menno Huisman (Leiden, Netherlands)

Septic shock in children [Tutorial]

10:55 - 11:25 - Septic shock in children

Hector R Wong (Cincinnati , United States)

Antibiotic therapy [Tutorial]

11:30 - 12:00 - Antibiotic therapy

Béatrice Grabein (München, Germany)

Fluid responsiveness : How I do it [Tutorial]

11:30 - 12:00 - Fluid responsiveness : How I do it

Xavier Monnet (Le Kremlin-Bicêtre , France)

Emergency organisation in mass casualty [Tutorial]

12:05 - 12:35 - Emergency organisation in mass casualty

Nathan Shapiro (Boston , United States)

Friday 18 March 2016 - AM**ROOM : Gold Hall****Practical aspects of ECMO** [Standard presentation]

8:00 - 8:15 - How the ventilator and circuit interact

Niall Ferguson (Toronto , Canada)

8:15 - 8:30 - Low tidal volumes with high PEEP

Matthieu Schmidt (Paris, France)

8:30 - 8:45 - Setting the flow
Michael Quintel (Göttingen , Germany)

8:45 - 9:00 - How to manage anticoagulation
John Fraser (Brisbane , Australia)

9:00 - 9:15 - Discussion

9:15 - 9:30 - How to adapt antibiotic doses
Fabio S Taccone (Brussels , Belgium)

9:30 - 9:45 - Is the addition of IABP sometimes indicated?
Alain Combes (Paris , France)

9:45 - 10:00 - How to add ECCO2R to a RRT device
Harlinde Peperstraete (Gent, Belgium)

10:00 - 10:15 - How to add a RRT device to ECMO
Patrick Honoré (Brussels , Belgium)

10:15 - 10:30 - Discussion

10:30 - 10:45 - Nutritional management
Danielle Bear (London, United Kingdom)

10:45 - 11:00 - Early mobilization
Daniel Brodie (New York, United States)

11:00 - 11:15 - Weaning from ECMO
Dirk Donker (Utrecht, Netherlands)

11:15 - 11:30 - Discussion

11:30 - 11:45 - When to ENCOURAGE... to give up
Alain Combes (Paris , France)

11:45 - 12:00 - ECMO not everywhere!
Laurent Papazian (Marseille , France)

12:00 - 12:15 - Discussion

Friday 18 March 2016 - PM

ROOM : Gold Hall

Extracorporeal support in respiratory failure [Standard presentation]

13:30 - 13:45 - Basic concepts
Niall Ferguson (Toronto , Canada)

13:45 - 14:00 - Physiological implications
Can Ince (Amsterdam , Netherlands)

14:00 - 14:15 - RV dysfunction: Do you need VA or is VV sufficient?
Daniel Brodie (New York, United States)

14:15 - 14:30 - Discussion

14:30 - 14:45 - High-flow versus mid- and low-flow extracorporeal lung support
Michael Quintel (Göttingen , Germany)

14:45 - 15:00 - Extracorporeal CO₂ removal: Techniques and perspectives
Antonio Pesenti (Milan , Italy)

15:00 - 15:15 - Discussion

15:15 - 15:30 - ECCO₂R, the end of ECMO in respiratory failure?
Harlinde Peperstraete (Gent, Belgium)

15:30 - 15:45 - ECCO₂R for ultraprotective mechanical ventilation for severe ARDS
Alain Combes (Paris , France)

15:45 - 16:00 - How to avoid ECMO in severe hypoxemia
Alain Mercat (Angers , France)

16:00 - 16:15 - Discussion

Friday 18 March 2016 - AM

ROOM : Copper Hall

Acute renal failure [Standard presentation]

8:00 - 8:15 - The Global Snapshot: Results of a worldwide study on AKI
Ravindra Mehta (San Diego , United States)

8:15 - 8:30 - Can we predict it?
Hector R Wong (Cincinnati , United States)

8:30 - 8:45 - Room for improvement?
Sean Bagshaw (Edmonton , Canada)

8:45 - 8:55 - Discussion

8:55 - 9:10 - Hepatorenal syndrome
Paolo Angeli (Padova , Italy)

9:10 - 9:25 - Are we ready for stem cell therapy?
Vincenzo Cantaluppi (Novara, Italy)

9:25 - 9:40 - When should we refer ICU-survivors to a nephrologist?

Max Bell (Stockholm, Sweden)

9:40 - 9:55 - Long-term consequences: Quality of life

Eric Hoste (Ghent , Belgium)

9:55 - 10:10 - Discussion

CPR: My own recommendations [Meet the experts]

10:15 - 10:45 - CPR: My own recommendations

Michael Fries (Aachen , Germany), Laurie Morrison (Toronto , Canada)

Palliative care [Tutorial]

10:50 - 11:20 - Palliative care

Scott D Halpern (Philadelphia, United States)

Acute renal failure (Tu) [Tutorial]

11:25 - 11:55 - Acute renal failure

Max Bell (Stockholm, Sweden)

Skin and soft tissue sepsis (Tu) [Tutorial]

12:00 - 12:30 - Skin and soft tissue sepsis

Christian Eckmann (Peine, Germany)

Friday 18 March 2016 - PM

ROOM : Copper Hall

CPR [Standard presentation]

13:30 - 13:45 - Is it always cost-effective?

Stephen Brett (London , United Kingdom)

13:45 - 14:00 - Airway management during CPR

Jerry Nolan (Bath , United Kingdom)

14:00 - 14:15 - Revisiting ventilation

Jean-Christophe Richard (Metz-Tessy, France)

14:15 - 14:30 - What is the role of mechanical chest compression devices in CPR?

Jerry Nolan (Bath , United Kingdom)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Measure CPR metrics and ETCO₂ to guide the quality of CPR

Laurie Morrison (Toronto , Canada)

15:00 - 15:15 - Still a place for epinephrine

Jerry Nolan (Bath , United Kingdom)

15:15 - 15:30 - Do we need any drug after all?

Kjetil Sunde (Oslo , Norway)

15:30 - 15:40 - Discussion

15:40 - 15:55 - New strategies

Michael Fries (Aachen , Germany)

15:55 - 16:10 - We should rescue some out-of-hospital cases with ECMO

Alain Combes (Paris , France)

16:10 - 16:25 - Is ECPR reasonable?

Fabio S Taccone (Brussels , Belgium)

16:25 - 16:35 - Discussion

Friday 18 March 2016 - AM

ROOM : Salle M (Bozar)

Parenteral Nutrition [Standard presentation]

8:00 - 8:15 - Should all patients be started on early parenteral nutrition?

Danielle Bear (London, United Kingdom)

8:15 - 8:30 - When to start?

Arthur van Zanten (Ede , Netherlands)

8:30 - 8:45 - New data in children

Greet Van den Berghe (Leuven , Belgium)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Should we always include lipids?

Michaël Casaer (Leuven , Belgium)

9:15 - 9:30 - Making parenteral nutrition safer

Paul Wischmeyer (Aurora , United States)

9:30 - 9:40 - Discussion

9:40 - 9:55 - Break

The gut as a motor of MOF 30 years later [Standard presentation]

9:55 - 10:10 - Is this still a good idea?

John C Marshall (Toronto , Canada)

10:10 - 10:25 - Intestinal injury after cardiac arrest

David Grimaldi (Le Chesnay, France)

10:25 - 10:40 - How to protect the gut in critical illness

Craig M Coopersmith (Atlanta, United States)

10:40 - 10:55 - Discussion

10:55 - 11:10 - Role of the gut microbiota in the host defence
Joost Wiersinga (Amsterdam , Netherlands)

11:10 - 11:25 - What happened to gastric tonometry?
Jacques Creteur (Brussels , Belgium)

11:25 - 11:40 - Acid suppression in critically ill patients: Still necessary?
Paolo Pelosi (Genoa , Italy)

11:40 - 11:55 - Discussion

Lung mechanics in ARDS [Tutorial]

11:55 - 12:30 - Lung mechanics in ARDS
Antonio Pesenti (Milan , Italy)

Friday 18 March 2016 - AM

ROOM : Tent

Neuromonitoring [Standard presentation]

8:00 - 8:15 - What we need to know about brain metabolism
Raimund Helbok (Innsbruck , Austria)

8:15 - 8:30 - The impact of axonal damage
Nino Stocchetti (Milan , Italy)

8:30 - 8:45 - EEG monitoring in the ICU: 'Fancy tool' or 'important device'?
Mauro Oddo (Lausanne , Switzerland)

8:45 - 9:00 - Discussion

9:00 - 9:15 - When to monitor ICP
Andrew I Maas (Edegem , Belgium)

9:15 - 9:30 - Can we reliably estimate ICP by optic nerve sheath diameter?
Nino Stocchetti (Milan , Italy)

9:30 - 9:45 - Monitoring brain oxygen
Peter Le Roux (Wynnewood, United States)

9:45 - 10:00 - Non-invasive techniques
Fabio S Taccone (Brussels , Belgium)

10:00 - 10:15 - Discussion

10:15 - 10:30 - Break

Subarachnoid hemorrhage [Standard presentation]

10:30 - 10:45 - When to measure intracranial pressure
Giuseppe Citerio (Monza , Italy), Nino Stocchetti (Milan , Italy)

10:45 - 11:00 - Contrast-enhanced echography to detect vasospasm
Jacques Duranteau (Le Kremlin-Bicêtre , France)

11:00 - 11:15 - Medical management
Mauro Oddo (Lausanne , Switzerland)

11:15 - 11:30 - Discussion

11:30 - 11:45 - Heart/brain interactions
Stephan A Mayer (New York , United States)

11:45 - 12:00 - When do you need a neurosurgeon
Peter Le Roux (Wynnewood, United States)

12:00 - 12:15 - Discussion

Friday 18 March 2016 - PM

ROOM : Tent

Acute-on-chronic liver failure [Tutorial]
13:30 - 14:00 - Acute-on-chronic liver failure
Julia Wendon (London , United Kingdom)

Transfusions [Standard presentation]
14:00 - 14:15 - A critical literature review
Jean-Louis Vincent (Brussels , Belgium)

14:15 - 14:30 - Non-invasive hemoglobin monitoring: Accurate enough?
Richard Branson (Cincinnati , United States)

14:30 - 14:45 - When to transfuse the cardiac patient
Keyvan Karkouti (Toronto, Canada)

14:45 - 15:00 - When to transfuse the brain-injured patient
Peter Le Roux (Wynnewood, United States)

15:00 - 15:15 - Discussion

15:15 - 15:30 - Age of the blood: Is the story over?
Kirsi-Maija Kaukonen (Helsinki, Finland)

15:30 - 15:45 - Improving patient safety and outcome with patient blood management
Kai Zacharowski (Frankfurt , Germany)

15:45 - 16:00 - Anemia compromises rehabilitation
Stephen Brett (London , United Kingdom)

16:00 - 16:15 - Discussion

Friday 18 March 2016 - AM

ROOM : Silver Hall

Massive bleeding [Standard presentation]

8:00 - 8:15 - New guidelines

Beverley Hunt (London , United Kingdom)

8:15 - 8:30 - Reversal of anticoagulant treatment

Menno Huisman (Leiden, Netherlands)

8:30 - 8:45 - The bleeding surgical patient

Keyvan Karkouti (Toronto, Canada)

8:45 - 9:00 - Should we do something about hyperfibrinolysis?

Oliver Theusinger (Zürich, Switzerland)

9:00 - 9:15 - Discussion

9:15 - 9:30 - Fibrinogen concentrate

Michael Reade (Brisbane, Australia)

9:30 - 9:45 - PCCs outside vitamin K antagonist and NOAC reversal

Oliver Grottke (Aachen, Germany)

9:45 - 10:00 - Factor concentrates

Jerrold H Levy (Durham, United States)

10:00 - 10:15 - Whole blood also in civilian practice?

Michael Reade (Brisbane, Australia)

10:15 - 10:30 - Discussion

10:30 - 10:45 - Break

Coagulopathy [Standard presentation]

10:45 - 11:00 - New ways of thinking about DIC

Beverley Hunt (London , United Kingdom)

11:00 - 11:15 - Coagulopathy in trauma

Oliver Theusinger (Zürich, Switzerland)

11:15 - 11:30 - Coagulopathy in liver disease

Julia Wendon (London , United Kingdom)

11:30 - 11:45 - Discussion

11:45 - 12:00 - A new look at coagulopathy of sepsis
Marcel Levi (Amsterdam , Netherlands)

12:00 - 12:15 - Sepsis-associated coagulopathy: Frequency and outcomes
James A Russell (Vancouver , Canada)

12:15 - 12:30 - Discussion

Friday 18 March 2016 - PM

ROOM : Silver Hall

VAP [Standard presentation]

14:00 - 14:15 - How to diagnose VAP: We have new guidelines
Jean-François Timsit (Paris, France)

14:15 - 14:30 - How to diagnose VAP: We could do better
Jean Chastre (Paris , France)

14:30 - 14:45 - Can we prevent VAP, even if we cannot define it?
Michael S Niederman (New York, United States)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Is oral hygiene harmful?
Stijn Blot (Ghent , Belgium)

15:15 - 15:30 - Head down vs. head up to prevent VAP
Antoni Torres (Barcelona , Spain)

15:30 - 15:45 - Antibiotic management
Mathias Pletz (Jena, Germany)

15:45 - 16:00 - Inhaled antibiotics
Tobias Welte (Hannover , Germany)

16:00 - 16:15 - Discussion

Friday 18 March 2016 - AM

ROOM : 100 Hall

Multiresistant organisms [Standard presentation]

8:00 - 8:15 - Multidrug-resistant Gram-negative bacteria
Béatrice Grabein (München, Germany)

8:15 - 8:30 - How to deal with carbapenem-resistant Enterobacteriaceae
David P Nicolau (Hartford , United States)

8:30 - 8:45 - Should we use less carbapenems?
Philippe Montravers (Paris , France)

8:45 - 9:00 - Optimizing therapy for MDR pathogen VAP
Michael S Niederman (New York, United States)

9:00 - 9:15 - Discussion

9:15 - 9:30 - Do we need surveillance cultures?
Stijn Blot (Ghent , Belgium)

9:30 - 9:45 - But does ESBL carriage have a real impact?
Jean-François Timsit (Paris, France)

9:45 - 10:00 - How to decontaminate surfaces and medical equipment
Miguel Sánchez García (Madrid, Spain)

10:00 - 10:15 - Exploring antivirulence strategies for treating severe infections
Jean Chastre (Paris , France)

10:15 - 10:30 - Discussion

10:30 - 10:45 - RRT to allow higher doses of aminoglycosides
Patrick Honoré (Brussels , Belgium)

10:45 - 11:00 - Problems in surgical patients
Gabriele Sganga (Roma , Italy)

11:00 - 11:15 - Will new antibiotics help?
Tobias Welte (Hannover , Germany)

11:15 - 11:30 - Discussion

11:30 - 11:45 - We can prevent bacterial resistance
Miguel Sánchez García (Madrid, Spain)

11:45 - 12:00 - The politicians should be more involved
Djillali Annane (Garches , France)

12:00 - 12:15 - Discussion

Friday 18 March 2016 - PM

ROOM : 100 Hall

Implementing antibiotic stewardship in critical care [Tutorial]

13:30 - 14:00 - Implementing antibiotic stewardship in critical care
Jan De Waele (Ghent , Belgium)

Renal replacement therapies: Practical aspects [Standard presentation]

14:00 - 14:15 - Anticoagulation: The various options
Ashita Tolwani (Birmingham, United States)

14:15 - 14:30 - Non-anticoagulant effects of citrate
Vincenzo Cantaluppi (Novara, Italy)

14:30 - 14:45 - Citrate anticoagulation for all?
Antoine Schneider (Lausanne , Switzerland)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Focus on mineral homeostasis
Detlef Kindgen-Milles (Düsseldorf , Germany)

15:15 - 15:30 - Micronutrient and amino acid losses
Danielle Bear (London, United Kingdom)

15:30 - 15:45 - Does it affects nutritional requirements?
Elisabeth De Waele (Brussels , Belgium)

15:45 - 16:00 - How to adjust antibiotic and antifungal doses
Patrick Honoré (Brussels , Belgium)

16:00 - 16:15 - Discussion

Friday 18 March 2016 - AM

ROOM : 400 Hall

How to improve the microcirculation [Standard presentation]

8:00 - 8:15 - Can we targeting the glycocalyx?
Markus Rehm (Munich , Germany)

8:15 - 8:30 - Beta blockade or stimulation?
Daniel De Backer (Brussels, Belgium)

8:30 - 8:45 - Fluids vs vasopressors
Jacques Duranteau (Le Kremlin-Bicêtre , France)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Transfusions
Can Ince (Amsterdam , Netherlands)

9:15 - 9:30 - Inhaled NO?
Nathan Shapiro (Boston , United States)

9:30 - 9:40 - Discussion

9:40 - 10:00 - Break

The failing liver [Standard presentation]

10:00 - 10:15 - The differences between acute and acute-on-chronic liver failure
Mauro Bernardi (Bologna, Italy)

10:15 - 10:30 - Do we need liver scoring systems in the ICU?
Kenneth Christopher (Boston, United States)

10:30 - 10:45 - The challenge of identifying sepsis
Pierre-François Laterre (Brussels , Belgium)

10:45 - 11:00 - Discussion

11:00 - 11:15 - Beware of cardiac dysfunction
Paolo Angeli (Padova , Italy)

11:15 - 11:30 - When can we still consider transplantation?
Thierry Gustot (Brussels, Belgium)

11:30 - 11:45 - Extracorporeal liver support therapy
Achim Jörres (Berlin, Germany)

11:45 - 12:00 - Plasma exchange
Julia Wendon (London , United Kingdom)

12:00 - 12:15 - Discussion

Friday 18 March 2016 - PM

ROOM : 400 Hall

Blood pressure management [Tutorial]

13:30 - 14:00 - Blood pressure management
Daniel Reuter (Hamburg , Germany)

Necrotizing fasciitis [Tutorial]

14:05 - 14:35 - Necrotizing fasciitis
Michaël Casaer (Leuven , Belgium)

Intracranial hypertension [Standard presentation]

14:35 - 14:50 - When and how to hyperventilate
Nino Stocchetti (Milan , Italy)

14:50 - 15:05 - Protective ventilation: To protect the lungs or protect the brain?
Paolo Pelosi (Genoa , Italy)

15:05 - 15:20 - Hyperosmolar therapy: Myths and facts
Giuseppe Citerio (Monza , Italy)

15:20 - 15:30 - Discussion

15:30 - 15:45 - Is there a better option for IV fluid?

Mauro Oddo (Lausanne , Switzerland)

15:45 - 16:00 - ICP: A stepwise approach

Stephan A Mayer (New York , United States)

16:00 - 16:15 - Should ICP thresholds in TBI be individualized?

Geert Meyfroidt (Leuven , Belgium)

16:15 - 16:30 - Discussion

Friday 18 March 2016 - AM

ROOM : Lippens Room National Library

Applied respiratory mechanics [Standard presentation]

8:00 - 8:15 - Opening pressures in ARDS: Plateau pressure of 30 cmH₂O may not be enough

Luciano Gattinoni (Milan , Italy)

8:15 - 8:30 - Influence of abdominal pressure

John J Marini (St Paul , United States)

8:30 - 8:45 - Is the concept of driving pressure really relevant?

Marcelo Amato (Sao Paulo , Brazil)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Monitoring respiratory muscles from the surface

Giacomo Bellani (Monza , Italy)

9:15 - 9:30 - How to measure transpulmonary pressures at the bedside

Daniel Talmor (Boston , United States)

9:30 - 9:45 - Are esophageal pressure measurements equal to pleural pressures?

Robert M Kacmarek (Boston , United States)

9:45 - 10:00 - Discussion

10:00 - 10:20 - Break

Prone positioning [Standard presentation]

10:20 - 10:35 - Physiological background

Antonio Pesenti (Milan , Italy)

10:35 - 10:50 - It is also good for the heart

Antoine Vieillard-Baron (Boulogne-Billancourt , France)

10:50 - 11:05 - For which patients?

John J Marini (St Paul , United States)

11:05 - 11:20 - Discussion

11:20 - 11:35 - Do people really use it?
Giacomo Bellani (Monza , Italy)

11:35 - 11:50 - How to make it safe
Laurent Papazian (Marseille , France)

11:50 - 12:00 - Discussion

Acute heart failure [Tutorial]
12:00 - 12:30 - Acute heart failure
Fabio Guarracino (Pisa , Italy)

Friday 18 March 2016 - AM

ROOM : Studio (Bozar)

Renal replacement therapy [Standard presentation]

9:30 - 9:45 - Holistic approach
Claudio Ronco (Vicenza , Italy)

9:45 - 10:00 - When to start RRT
Eric Hoste (Ghent , Belgium)

10:00 - 10:15 - Continuous hemodialysis for severe AKI
Thomas Rimmel  (Lyon, France)

10:15 - 10:30 - Discussion

10:30 - 10:45 - Continuous hemofiltration may result in less need for chronic dialysis
Antoine Schneider (Lausanne , Switzerland)

10:45 - 11:00 - We expect too much of these therapies
Miet Schetz (Leuven , Belgium)

11:00 - 11:15 - Indications after cardiac arrest
Kjetil Sunde (Oslo , Norway)

11:15 - 11:30 - Discussion

11:30 - 11:45 - Positive fluid balance as an indication
Ravindra Mehta (San Diego , United States)

11:45 - 12:00 - How to practically remove fluids
Antoine Schneider (Lausanne , Switzerland)

12:00 - 12:15 - Acute dialysis: From guidelines to individualized treatment
Achim J rres (Berlin, Germany)

12:15 - 12:30 - Discussion

ROOM : Arc Room

Friday 18 March 2016 - PM

ROOM : Arc Room

Obscure digestive bleeding [Tutorial]

13:30 - 14:00 - Obscure digestive bleeding

André Van Gossum (Brussels , Belgium)

Optimized nutrition [Standard presentation]

14:00 - 14:15 - Malnutrition must be recognized

André Van Gossum (Brussels , Belgium)

14:15 - 14:30 - The NUTRIC score is a MUST

Arthur van Zanten (Ede , Netherlands)

14:30 - 14:45 - We now have new tools to assess the nutritional status

Paul Wischmeyer (Aurora , United States)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Impact of enteral nutrition on gastrointestinal function

Sonja Fruhwald (Graz , Austria)

15:15 - 15:30 - Nutritional rehabilitation

Jean-Charles Preiser (Brussels , Belgium)

15:30 - 15:45 - The place of supplemental parenteral nutrition

Paul Wischmeyer (Aurora , United States)

15:45 - 16:00 - Enteral access for long-term feeding

André Van Gossum (Brussels , Belgium)

16:00 - 16:15 - Discussion
