Sodium channels; targets for both local and general anaesthetics

Chair: Philipp Lirk (Amsterdam, Netherlands)

Role of pharmacogenetics in anaesthesia and intensive care medicine

Chair: Marc Moritz Berger (Salzburg, Austria)

Synaptic mechanisms of anaesthesia

Chair: Markus W. Hollmann (Amsterdam, Netherlands)

Nitrous oxide - myth and facts

Chair: Markus W. Hollmann (Amsterdam, Netherlands)

Inhaled anaesthetics: complexities overlooked - things may not be
Inhaled anesthetics: complexities overlooked - things may not be what they seem

Jan Hendrickx (Aalst, Belgium)*

The challenge of treating bleeding during treatment with new oral anticoagulants

Chair:
Stefan De Hert (Ghent, Belgium)

Agnese Ozolina (Riga, Latvia)

Measuring depth of anesthesia: closing in on the holy grail?

Chair:
Jan Hendrickx (Aalst, Belgium)

Advanced interaction PK-PD modeling obviates EEG-monitoring
Hugo Vereecke (Groningen, Netherlands)

EEG depth of anaesthesia monitoring: mechanism-based parameters and integration of clinical parameters
Gerhard Schneider (Wuppertal, Germany)*

Analgesia monitoring: can we tease it out?
Emmanuel Boselli (Lyon, France)*

Neuromuscular block depth: rare, medium, or well done?

Chair:
Jan Hendrickx (Aalst, Belgium)

How to measure it?
Thomas Fuchs-Buder (Nancy, France)*

Deep block for laparoscopic surgery?
Mona Gatke (Copenhagen, Denmark)*

Neostigmine or sugammadex?
Guy Cammu (Aalst, Belgium)*

Use and abuse of neuromuscular blocking agents

Chair:
Radmilo Jankovic (Nis, Serbia)

Is complete muscular relaxation mandatory for intubation or can NMBAs and their associated complications be avoided by omitting them?
Matthias Eikermann (Boston, United States)*

Optimal monitoring of neuromuscular blockade onset time: which technique, which muscle and which pattern
Radmilo Jankovic (Nis, Serbia)

Does deep neuromuscular blockade improve surgical conditions?
Manfred Blobner (Munich, Germany)*

How to avoid postoperative residual neuromuscular blockade
Heidrun Fink (Munich, Germany)*

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Is multimodal anaesthesia the "New Balanced Anaesthesia?"

Chair:
Andreas Hoeft (Bonn, Germany)

Intraoperative methadone: a rediscovery
Evan D. Kharasch (St. Louis, United States)*

A pharmacological view on multimodal anaesthesia
Anthony Dickenson (London, United Kingdom)

Clinical application of multimodal anaesthesia
Jörgen Bruhn (Nijmegen, Netherlands)

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New strategies in fluid therapy

Chair:
Jens Meier (Frankfurt, Germany)

Microcirculation guided fluid therapy
Dan Martin (London, United Kingdom)

Cristalloids versus colloids: what can guidelines tell us?
Gernot Marx (Aachen, Germany)*

Artificial blood substitutes: any progress?
Aamer Ahmed (Leicester, United Kingdom)

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Evidence vs clinical practice - two sides of one coin

Chair:
Berthold Bein (Hamburg, Germany)

The gap between evidence and daily clinical practice
Andrew Smith (Lancaster, United Kingdom)

How do we change behavior - with money, media or training?
BIBO: "better in - better out": How to optimize a patient for surgery and anaesthesia

Chair:
Wolfgang F. Buhre (Maastricht, Netherlands)

Comprehensive preoperative assessment
Massimo Lamperti (Abu Dhabi, United Arab Emirates)

Physical "pre-habilitation" of patients: The Maastricht concept of BIBO
Nico Van Meeteren (Maastricht, Netherlands)

Preoperative pharmacological optimization
Michel Struys (Groningen, Netherlands)

O2, anybody?

Chair:
Emmanuel Boselli (Lyon, France)

O2, anybody? Machine standards fail to prevent inspired hypoxic mixture formation
Jan Hendricks (Aalst, Belgium)

Machine standards: who writes them, and who should?
David H. T. Scott (Edinburgh, United Kingdom)

Perioperative coagulation monitoring: challenges with new oral anticoagulants

Chair:
Jens Meier (Frankfurt, Germany)

Speaker
Beverly Hunt (London, United Kingdom)

Albumin revisited

Chair:
Markus W. Hollmann (Amsterdam, Netherlands)

Speaker
Christian Von Heymann (Berlin, Germany)

Pre, intra and postoperative temperature management
**Lecture**

**Saturday, 28 May 2016**

08:30 – 09:15

**Myocardial injury: the leading cause of postoperative death**

Chair:
Anthony Absalom (Groningen, Netherlands)

Speaker
Leif Saager (Cleveland, United States)*

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**Lecture**

**Sunday, 29 May 2016**

09:30 – 10:15

**Zeitgeist and anesthetic mechanisms: why we know so much and understand so little**

Chair:
Andreas Hoeft (Bonn, Germany)

Speaker
Daniel Sessler (Cleveland, United States)

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**Pro & Con Debate**

**Sunday, 29 May 2016**

10:45 – 11:45

**Beta blockers in septic patients: Pro-Con**

Chair:
Markus W. Hollmann (Amsterdam, Netherlands)

Pro
Andrea Morelli (Rome, Italy)

Con
Martin Dünser (Salzburg, Austria)

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**Pro & Con Debate**

**Saturday, 28 May 2016**

16:00 – 17:00

**Opioid free anaesthesia. Pro-Con**

Chair:
Jan Paul Mulier (Bruges, Belgium)

Pro
Marc De Kock (Brussels, Belgium)

Con
Martin Söhle (Bonn, Germany)
## Massive transfusion and the 1:1:1 approach: Pro-Con

**Chair:**
Christian Fenger-Eriksen (Aarhus, Denmark)

**Pro**
Jakob Stensballe (Copenhagen, Denmark)

**Con**
Herbert Schöchl (Mattsee, Austria)*