**Colloids are necessary for intraoperative fluid management: Pro-Con**

**Chair:**
Thomas Fuchs-Buder* (Nancy, France)

**Pro**
Thomas Scheeren* (Groningen, Netherlands)

**Con**
Thorsten Haas* (Zürich, Switzerland)

**WHO-recommendation for 80% oxygen – consigned to history? Pro-Con**

**Chair:**
Tony Gin (Hong Kong, China)

**Pro**
Markus W. Hollmann (Amsterdam, Netherlands)

**Con**
Marc Moritz Berger (Salzburg, Austria)

**Sugammadex should be the first line reversal agent: Pro-Con**

**Chair:**
Thomas Fuchs-Buder* (Nancy, France)

**Pro**
Hans Donald De Boer* (Groningen, Netherlands)

**Con**
Radmilo Jankovic (Nis, Serbia)
L01A Lecture

Perioperative blood pressure management: what is the optimal blood pressure?

Chair:
Thomas Scheeren* (Groningen, Netherlands)

Speaker:
Bernd Saugel* (Hamburg, Germany)

L01B Lecture

Closed loop anaesthesia: how close to prime time is it?

Chair:
Michel Struys* (Groningen, Netherlands)

Speaker:
Ngai Liu* (Paris, France)

L01C Lecture

Update on mechanisms of general anaesthesia

Chair:
Hugh Hemmings* (New York, United States)

Speaker:
Nicholas Franks (London, United Kingdom)

L01D Lecture

Inhaled agents, carrier gases and the environment

Chair:
Jan Hendrickx* (Aalst, Belgium)

Speaker:
Ole John Nielsen (Copenhagen, Denmark)

L01E Lecture

History of self-experiments in anaesthesia

Chair:
Alistair McKenzie (Edinburgh, United Kingdom)

Speaker:
Fernando Gilsanz (Madrid, Spain)
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Digital health: when computers supervise

Chair:
Anthony Absalom* (Groningen, Netherlands)

Closed loops, advisory displays and artificial intelligence in anaesthesia: ready for prime time?
Michel Struys* (Groningen, Netherlands)

Integration of wearable health sensor information to provide pre- and postoperative information
Frédéric Michard* (Lausanne, Switzerland)

Closed-loop assisted fluid administration: is it feasible and safe?
Alexandre Joosten (Brussels, Belgium)

Anaesthesia as a cancer disease modifier

Chair:
Anthony Absalom* (Groningen, Netherlands)

Opiates, regional anaesthesia and cancer recurrence
Daniela Ionescu* (Cluj-Napoca, Romania)

Total intravenous anaesthesia (TIVA), volatiles and cancer recurrence
Timothy Wigmore (London, United Kingdom)

Should we change our practice?
William Harrop-Griffiths (London, United Kingdom)

Evidence of the impact of anaesthesia and surgery on the human brain

Chair:
Lis Evered (Fitzroy, Australia)

The human brain after surgery: central nervous system (CNS) immune activation and long-term cognitive changes
Lars I Eriksson (Stockholm, Sweden)

Neurological sequelae of anaesthesia and surgery: equivalent to traumatic brain injury?
Lis Evered (Fitzroy, Australia)

The new nomenclature for perioperative cognitive disorders: the first 18 months of use in the literature
Roderic G. Eckenhoff (Philadelphia, United States)
**Pharmacology in special patient populations**

Chair:
Marc Moritz Berger (Salzburg, Austria)

**Pregnant women**
Tony Gin (Hong Kong, China)

**Paediatric patients**
Karin Becke (Nuremberg, Germany)

**Elderly patients**
Mark Coburn (Aachen, Germany)

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**Goal versus guideline-directed cardiopulmonary resuscitation (CPR)**

Chair:
Konstantinos Stroumpoulis* (Athens, Greece)

**Objective monitoring of blood flow and CPR performance**
Fritz Sterz (Vienna, Austria)

**Use of ultrasound and capnography to guide optimal CPR**
Per-Olav Stefferud Berve (Oslo, Norway)

**Do we need a different algorithm for CPR with devices?**
Lars Wik* (Oslo, Norway)

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**Adverse long-term effects of general anaesthesia**

Symposium organised in collaboration with the British Journal of Anaesthesia (BJA)

Chair:
Philip Hopkins (Leeds, United Kingdom)

**Developmental neurotoxicity**
Hugh Hemmings* (New York, United States)

**Delirium, postoperative cognitive dysfunction (POCD) and neurodegeneration**
Robert David Sanders (London, United Kingdom)

**Cancer metastasis and survival**
Donal J. Buggy (Dublin, Ireland)
Malignant hyperthermia (MH) outside the operating theatre
Symposium organised in collaboration with the European Malignant Hyperthermia Group (EMHG)

EMHG

Chair:
Philip Hopkins (Leeds, United Kingdom)

MH induced by physical stress
Marc Snoeck (Nijmegen, Netherlands)

MH in ICU patients
Henrik Rueffert (Schkeuditz, Germany)

Preparation of patient and workstation prior anaesthesia
Sebastian Heiderich (Hannover, Germany)