

GENERAL ANAESTHESIOLOGY

Learning Track 1



D	01D1 Pro & Con Debate	Saturday, 1 June 11:00 - 12:00	Colloids are necessary for intraoperative fluid management: Pro-Con	Piano Hall
<p>Chair: Thomas Fuchs-Buder* (Nancy, France)</p> <hr/> <p>Pro Thomas Scheeren* (Groningen, Netherlands)</p> <hr/> <p>Con Thorsten Haas* (Zürich, Switzerland)</p>				
S	01S1 Symposium	Saturday, 1 June 14:00 - 15:00	Digital health: when computers supervise	Stolz
<p>Chair: Anthony Absalom* (Groningen, Netherlands)</p> <hr/> <p>Closed loops, advisory displays and artificial intelligence in anaesthesia: ready for prime time? Michel Struys* (Groningen, Netherlands)</p> <hr/> <p>Integration of wearable health sensor information to provide pre- and postoperative information Frédéric Michard* (Lausanne, Switzerland)</p> <hr/> <p>Closed-loop assisted fluid administration: is it feasible and safe? Alexandre Joosten (Brussels, Belgium)</p>				
L	01L1 Lecture	Saturday, 1 June 15:15 - 16:00	Update on mechanisms of general anaesthesia	Violin Hall
<p>Chair: Anthony Absalom* (Groningen, Netherlands)</p> <hr/> <p>Speaker: Nicholas Franks (London, United Kingdom)</p>				



L 01L2 Saturday, 1 June **History of self-experiments in anaesthesia** Lehar 1
Lecture 15:15 - 16:00

Chair:

Alistair McKenzie (Edinburgh, United Kingdom)

Speaker:

Fernando Gilsanz (Madrid, Spain)

ME 01ME1 Saturday, 1 June **Prevention and treatment of high-altitude diseases** Strauss
Meet the Expert 15:15 - 16:00 2

Chair:

Marc Moritz Berger (Salzburg, Austria)

Speaker:

Dan Martin* (London, United Kingdom)

RC 01RC1 Saturday, 1 June **Cannabis: more than a recently legalised party drug?** Piano
Refresher Course 15:15 - 16:00 Hall

Chair:

Marc Moritz Berger (Salzburg, Austria)

Speaker:

Hanns Ulrich Zeilhofer (Zürich, Switzerland)

S 01S2 Saturday, 1 June **Anaesthesia as a cancer disease modifier** Piano
Symposium 17:30 - 18:30 Hall

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)



S	01S3 Symposium	Saturday, 1 June	Goal versus guideline-directed cardiopulmonary resuscitation (CPR)	Stolz
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)				
L	01L3 Lecture	Saturday, 1 June	Closed loop anaesthesia: how close to prime time is it?	Violin Hall
Chair: Michel Struys* (Groningen, Netherlands)				
Speaker: Ngai Liu* (Paris, France)				
S	01S4 Symposium	Sunday, 2 June	Malignant hyperthermia (MH) outside the operating theatre Symposium organised in collaboration with the European Malignant Hyperthermia Group (EMHG)	Schubert 5
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)				

S	01S5 Symposium	Sunday, 2 June 08:00 - 09:00	Evidence of the impact of anaesthesia and surgery on the human brain	Piano Hall
<p>Chair: Lis Evered (Fitzroy, Australia)</p> <hr/> <p>The human brain after surgery: central nervous system (CNS) immune activation and long-term cognitive changes Lars I Eriksson (Stockholm, Sweden)</p> <hr/> <p>Neurological sequelae of anaesthesia and surgery: equivalent to traumatic brain injury? Lis Evered (Fitzroy, Australia)</p> <hr/> <p>The new nomenclature for perioperative cognitive disorders: the first 18 months of use in the literature Roderic G. Eckenhoff (Philadelphia, United States)</p>				
S	01S6 Symposium	Sunday, 2 June 08:00 - 09:00	Pharmacology in special patient populations	Strauss 1
<p>Chair: Marc Moritz Berger (Salzburg, Austria)</p> <hr/> <p>Pregnant women Tony Gin (Hong Kong, China)</p> <hr/> <p>Paediatric patients Tom Giedsing Hansen (Odense, Denmark)</p> <hr/> <p>Elderly patients Mark Coburn (Aachen, Germany)</p>				
L	01L4 Lecture	Sunday, 2 June 09:15 - 10:00	Inhaled agents, carrier gases and the environment	Cello Hall
<p>Chair: Jan Hendrickx* (Aalst, Belgium)</p> <hr/> <p>Speaker: Ole John Nielsen (Copenhagen, Denmark)</p>				
L	01L5 Lecture	Sunday, 2 June 09:15 - 10:00	Perioperative blood pressure management: what is the optimal blood pressure?	Strauss 2
<p>Chair: Thomas Scheeren* (Groningen, Netherlands)</p> <hr/> <p>Speaker: Bernd Saugel* (Hamburg, Germany)</p>				

D	01D2 Pro & Con Debate	Sunday, 2 June 14:00 - 15:00	WHO-recommendation for 80% oxygen – consigned to history? Pro-Con	Strauss 1
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Chair:

Tony Gin (Hong Kong, China)

Pro

Markus W. Hollmann (Amsterdam, Netherlands)

Con

Marc Moritz Berger (Salzburg, Austria)

S	01S7 Symposium	Sunday, 2 June 14:00 - 15:00	From big data via machine learning to predictive modelling	Violin Hall
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Chair:

Thomas Scheeren* (Groningen, Netherlands)

Big data - Big evidence?

Steven L. Shafer (Stanford, United States)

Predicting hypotension

Thomas Scheeren* (Groningen, Netherlands)

Predicting hypothermia

Oliver Kimberger (Vienna, Austria)

D	01D3 Pro & Con Debate	Sunday, 2 June 17:00 - 18:00	Sugammadex should be the first line reversal agent: Pro-Con	Piano Hall
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Chair:

Thomas Fuchs-Buder* (Nancy, France)

Pro

Hans Donald De Boer* (Groningen, Netherlands)

Con

Radmilo Jankovic (Nis, Serbia)

S	01S8 Symposium	Monday, 3 June 08:30 - 09:30	Adverse long-term effects of general anaesthesia Symposium organised in collaboration with the British Journal of Anaesthesia (BJA)	Piano Hall
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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)

L 01L6 Monday, 3 June **Hot Topics in Anaesthesiology - Last 12 months' top publications** Violin
Lecture 09:45 - 10:30 Hall

Chair:

Charles Marc Samama (Paris, France)

Speaker

Andreas Hoefft (Bonn, Germany)

RC 01RC2 Monday, 3 June **Fluids, blood and oxygen: friends or foes?** Strauss
Refresher Course 09:45 - 10:30 1

Chair:

Bernd Saugel* (Hamburg, Germany)

Speaker:

Thomas Scheeren* (Groningen, Netherlands)
