Final program

“Targets, Tools and Persistence to improve Standards of Care towards Excellence”

08.00 – 08.45 : WELCOME COFFEE + Registration

08.45 – 09.00 : Welcome Address

09.00 – 10.30 : Scientific Session I
Session 1 will learn us more about the tools we use

1. Invited talk (15’ + 5’): The hidden dangers of our modern centrifugal pumps in an era of KAVD, Mini Bypass Circuits & unsupervised ECMO – Antoine Simons, the Netherlands

2. Invited talk (15’ +5’): Current research focus & future ambitions concerning our oxygenators - Jutta Arens, engineer, Aachen, Germany

3. Invited talk (15’ + 5’): Canula for peripheral extracorporeal circulatory support: some truths revealed – Mikael Broman - Sweden

4. Abstract 1 (10’+5’): Renal Near Infrared Spectroscopy for the monitoring of perfusion in neonates with CPB – Mirela Bojan - France

5. Abstract 2 (10’+5’): Quantification of Lipid and Leucocyte Filtration and the effects on cerebral and renal injury markers and pulmonary function during CPB – Richard Issitt - UK

COFFEEBREAK 10.30 – 11.00

11.00 – 12.30 : Scientific Session II
Session 2 will refocus the targets of our perfusion practice

1. Invited talk (20’): (TED Talk) Improving our practice : Learning from Excellence – Adrian Plunkett, UK
2. **Invited talk (15’ + 5’)**: *The gaps between current and evidence-based clinical perfusion practice* – Donald Likosky, USA

3. **Invited talk (15’ + 5’)**: *Can or should we protect our patients from blood transfusions during CPB?* – Andrew Klein, UK

4. **Abstract 3 (10’ + 5’)**: *Less heparin = less bleeding? Minimal invasive ECC and a target-ACT of 300* – Adrian Bauer - Germany

5. **Abstract 4 (10’ + 5’)**: *The metabolic changes in fresh versus old stored blood used in priming of extracorporeal circuit in CPB for pediatric patients* – Normunds Sikhora - Latvia

**LUNCH 12.30 – 13.30**

**13.30 – 15.00: Scientific Session III**

**Session 3 will focus on CPB beyond the heart & the heart beyond CPB**

1. **Invited talks (30’ + 10’)**: “Supporting the cardiogenic shock patient: LV loading with VA ECMO or LV unloading with Impella?”
   - “View of the surgeon – load to support” - Roberto Lorusso, The Netherlands
   - “View of the cardiologist – unload to support” - Daniel Burkhoff, USA

2. **Abstract 5 (10’ + 5’)**: *Temporary extracorporeal RVAD therapy using centrifugal or diagonal pumps in combination with continuous flow LVAD: 11 year single center experience* – Sven Maier - Germany

3. **Abstract 6 (10’ + 5’)**: *A new index for weaning from VV ECMO in ARDS patients* – I. Romeo - Italy

4. **Oral Posters (3’ + 2’)**: x4

**COFFEEBREAK 15.00 – 15.30**

**15.30 – 16.00: Session IV**

**Session 4: Speed Date with the Industry (5’ each)**


**16.00 – 17.30: Scientific Session V**

**Session 5 will inspire us concerning Perfusion Education & Training in Europe**

1. **Invited talk (10’ + 5’)**: *European guidelines for perfusionists: (why) do we need them?* 10+5’ - Luc Puis, Belgium

2. **Abstract 7 (10’ + 5’)**: *Designing a quality management framework template for perfusion departments in Great Britain and Ireland* – John Campbell - UK

3. **Invited talk (10’ + 5’)**: *Simulation in perfusion training: an overrated luxury or a valuable tool?* 10 + 5’ - Frank Merkle, Germany

4. **Abstract 8 (10’ + 5’)**: *TALK©: Clinical debriefing* – Jody Stafford - UK

5. **Oral Posters 5’**: x7

**POSTERS:**

1. Role of echocardiographic patterns, formula of LRWT “Left ventricular Relative Wall Thickness and Left Ventricular Mass Index” in myocardial protection strategy during cardiac
1. Surgery, in the non-pre-conditioned heart for ischemic damage: the prospective observational cohort study on myocardial protection – I. Condello
2. Clinical benefits from a targeted treatment initiative applied on dual antiplatelet therapy treated patients undergoing CABG – M. Appleblad
3. A novel blood ultrafiltration system application in repeat surgery, in a patient instructing the exclusion of homologous blood products – J. Campbell
4. Taking a critical look at priming of oxygenators and air removal: the missing link to high pressure excursions? C. Hamilton
5. The role of gaseous micro emboli in the adverse effects of CPB - M. Stehouwer
7. Inflammatory response during Ex Vivo lung perfusion: could we add a device for cytokine absorptions? E. Lorenzetti
8. Interleukin 6 and 8 levels during ex vivo allograft perfusion for heart transplantation using blood cardioplegia versus custodial – R. Kaliyev
9. Successful heart transplantation after 16 hours ex-vivo donor heart perfusion during long distance transportation. Z. Nurmykhametova
10. Brazilian perfusionists: Evolution, current scenario and future perspectives - Nicoletti
11. Investigating the perception of perfusion educators on the training programs in cardiovascular perfusion in South Africa – Z.A. Musa