ISOTT-2006 Scientific Program

(All Scientific Sessions will be held in the Archibald/Cochran Ball Rooms at the Galt House Hotel)

Saturday, August 12: Arrival & Registration

3:00 - 6:30PM  Registration
Galt House Hotel, Registration Desks of Archibald/Cochran Halls

7:00 - 10:00PM Reception for 34th Annual ISOTT Conference with Blue Grass Music
The Kentucky Center for the Performing Arts

9:00PM Special Tour of the Center - Whitney Hall

Sunday, August 13: Conference Day 1

7:00AM  Registration & Poster Setup

7:30 - 8:00AM Breakfast & Poster Viewing

8:00AM Welcome & Opening Remarks
K. A. Kang, Ph.D., President, ISOTT-2006

8:15AM Greeting by M. Pfeifer, M.D.
Interim Dean, University of Louisville School of Medicine

8:25 - 9:00AM Invited Lecture 1: ISOTT Roots, Founding, Beyond
D. F. Bruley, Ph.D.  (Introduced by K.A. Kang)
Founder of ISOTT; Synthesizer, Inc.; UMBC, Baltimore, MD, USA

9:10 - 10:00AM Session A: Oxygen Transport in Tissue - Internal Organs, Muscle
(Co-Chairs: P. Liss & E. Nemoto)

9:10 A-1  Altered regulation of tissue oxygenation in the post-clip kidney in two-kidney, one clip hypertension.
F. Palm, M. Mendonca, W.J. Welch, and C.S. Wilcox.
Georgetown University, Washington, DC, USA

9:20 A-2  Diabetes-induced increase in renal oxygen consumption is correlated to increased expression of mitochondrial uncoupling Protein-2 (UCP-2)
M. Friederich, P.-O. Carlsson, A. Fasching, P. Liss, F. Palm, and P. Hansell
Uppsala University, Uppsala, Sweden

9:30 A-3  Non-invasive monitoring of in situ oxygenation in the infarct heart transplanted with skeletal myoblasts
M. Khan, V.K. Kutala, D.S. Vikram, S. Wisel, S.M. Chacko, M.L. Kuppusamy, P. Kwiatkowski, and P. Kuppusamy
Ohio State University, Columbus, OH, USA
9:40  A-4  Rotational diffusion involving myoglobin; a necessary condition for oxygen diffusion into myocytes?
D.J. Maguire and M. McCabe
Griffith University, Nathan, Australia

9:50  A-5  Regulation of renal function and blood pressure (BP) by angiotensin II-induced superoxide (O2-): Use of in vivo siRNA against NADPH oxidase (NOX)
P. Nouri and W.J. Welch
Georgetown University, Washington, DC, USA

10:00  A-6  Oxygen pressures in the interstitial space and their relationship to those in the blood plasma resting skeletal muscle and tumors in vivo
University of Pennsylvania, Philadelphia, PA, USA

10:10 - 10:40AM Break & Poster Viewing

10:40 - 11:20AM Session B: Other Metabolites (Glucose, Lactate, Nitric Oxide, etc.)
(Co-Chairs: D. Sessler & E. Takahashi)

10:40  B-1 The effect of glucose uptake inhibitors Phloretin and Cytochalasin B on CD4+ T-lymphocyte survival
R.J. Vitale, S. Sengupta, and T. Mitchell
DuPont Manual High School and University of Louisville, Louisville, KY, USA

10:50  B-2 Lactate accumulation in the presence of oxygen is angiogenic
University of California, San Francisco, USA

11:00  B-3 Increased hepatic L-Arginine uptake results in reduced renal medullary nitric oxide bioavailability in Streptozotocin-induced diabetic rat
F. Palm, A. Fasching, P. Liss, and P. Hansell
Uppsala University, Uppsala, Sweden

11:10  B-4 Iodinated contrast media inhibits oxygen consumption in proximal tubular cells from diabetic rats by inducing nitric oxide release
F. Palm, P.-O. Carlsson, A. Fasching, P. Hansell, and Per Liss
Uppsala University, Uppsala, Sweden

11:20 - 12:10PM Invited Lecture 2: Microtools for Cell Biology
G. M. Whitesides, Ph.D.  (introduced by J.L. Wittliff)
Harvard University, Cambridge, MA, USA

12:10 - 1:30PM Lunch & Poster Viewing (Sponsored By MIMS)

1:30 - 5:00PM Symposium on Modeling and Analysis of Metabolism and Transport
Sponsored by The Center for Modeling Integrated Metabolic Systems (MIMS), Supported by a grant (P50-GM66309) from the National Institute of General Medical Sciences, NIH, to Case Western Reserve University in cooperation with Cleveland State University, University Hospitals of Cleveland, and Cleveland Clinic Foundation

1:30PM Symposium Introduction: Dr. G.M. Saidel, Director, MIMS Center
1:35 – 3:00PM: Symposium Session – I
(Chair: G.M. Saidel and F. Hyder)

1:35  C-1  Pulmonary oxygen uptake and muscle oxygen consumption
N. Lai
MIMS Center, Case Western Reserve University, Cleveland, OH, USA

1:50  C-2  Differences between pulmonary and muscle oxygen uptake and muscle oxygen
consumption dynamics at exercise onset
N. Lai, G. Saidel, and M. Cabrera
MIMS Center, Case Western Reserve University, Cleveland, OH, USA

2:00  C-3  Skeletal muscle metabolic dynamics during reduced blood flow
R. Dash, Y. Li, G. Saidel, and M. Cabrera
MIMS Center, Case Western Reserve University, Cleveland, OH, USA

2:10  C-4  Mathematical model of oxygen transport in myocardial infarction
B. Wang, R. Scott, C. Pattillo, B. PrabakarPandian, S. Sundaram, and M. Kiani
Temple University & CFD Research Corp., Philadelphia, PA, USA

2:20  C-5  Hypoxia reduces the concentration of glucose transporters (GLUT2) in rat jejunum
more than in ileum
E. Fisher, B. Erokwu, and J. LaManna
University of Akron and Case Western Reserve University, OH, USA

2:30  Invited presentation: Role of Hemoglobin in Respiratory Gas Exchanges
J. B. Bassingthwaighte, Ph.D.
University of Washington, Seattle, WA, USA

3:00 - 3:30PM  Break (Sponsored by MIMS) & Poster Viewing

3:30 - 5:00PM  Symposium Session – II
(Chair: J.C. LaManna and J.B. Bassingthwaighte)

3:30  D-1  Modeling metabolic processes in brain tissue during hypoxia and ischemia
J.E. Gatica
MIMS Center, Cleveland State University, Cleveland, OH, USA

3:45  D-2  Modeling and analysis of mammalian brain metabolism under hypoxic and ischemic
events: Alternative routes to cerebral energy metabolism
S. Koppaka, M.A. Puchowicz, J.C. LaManna, and J. Gatica
MIMS Center, Cleveland State Univ. and Case Western Reserve Univ. Cleveland, OH

3:55  D-3  Cerebral blood flow adaptation to chronic hypoxia
H. Zhou, G. M. Saidel, and J.C. LaManna,
MIMS Center, Case Western Reserve University, Cleveland, OH, USA

4:05  D-4  Cerebral tissue oxygen saturation calculated using spontaneous low frequency
oscillations in oxy and deoxy-haemoglobin measured by near infrared spectroscopy
in adult ventilated patients
T. Leung, M. Tisdall, I. Tachtsidis, M. Smith, D. Delpy, and C.Elwell
University College London and National Hospital for Neurology and Neurosurgery,
London, UK

4:15  D-5  Mitochondria dysfunction in aging rat brain following transit global ischemia
K. Xu, M.A. Puchowicz, and J. C. LaManna,
Case Western Reserve University, Cleveland, OH, USA
4:25 Invited presentation: Neuronal-glial Energetics and Glutamatergic-GABAergic Function  
F. Hyder, Ph.D.  
Yale University, New Haven, CT, USA

5:00PM Announcement/Poster Removal

6:30 - 9:30PM Dinner at the Frazier International History Museum
6:30 - 7:30 Cocktail Reception  
6:30 – 9:30 Gallery Access  
7:00 – 9:00 Caricaturist  
7:30 – 9:30 Dinner  
8:30 – 9:30 Annie Oakley interpretation

Monday, August 14: Conference Day 2

7:00AM Registration & Poster Setup

7:30AM Breakfast & Poster Viewing

8:00AM Greeting by M.R. Wilhelm, Ph.D.  
Dean, Speed School of Engineering, University of Louisville

8:10 - 9:00AM Invited Lecture 3: Biomedical engineering after Whitaker: Facts and speculation  
P. G. Katona, Ph.D.  (Introduced by D.F. Bruley)  
Former President of The Whitaker Foundation; Katona Consulting, VA, USA

9:00 - 9:40AM Invited Lecture 4: Facial transplantation - A New Frontier in Reconstructive and Transplantation Surgeries  
J. H. Barker, M.D., Ph.D.  (Introduced by K.A. Kang)  
University of Louisville School of Medicine, Louisville, KY, USA

9:40 – 10:30AM Session E - Oxygen Transport in Tissue II - Head (Brain, Face, Eye)  
( Co-Chairs: D. Borchman & D. Wilson)

9:40 E-1 Cerebral oximetry monitoring during deep hypothermia  
P. Benni, B. Chen, G. Fischer, D. Reich, K. Plestis, and R. Griep  
CAS Medical Systems, Inc. and Mount Sinai Medical Center, USA

9:50 E-2 Investigation of frontal cortex, motor cortex and systemic haemodynamic changes during anagram solving  
University College London, The National Hospital for Neurology and Neurosurgery, London, UK

10:00 E-3 Effect of thyroxine induced lipid changes on mitochondrial function in human lens epithelial cell cultures  
L. Huang, M.C. Yappert, J.J. Miller, M. Jumblatt, and D. Borchman  
Univ. of Louisville, Louisville, KY USA
| 10:10   | E-4  | Cerebral oxygenation by near infrared spectroscopy during deep hypothermic cardiopulmonary bypass in neonates and infants  
|         |      | University of Pittsburgh, Pittsburgh, PA, USA |
| 10:20   | E-5  | Do red blood cell β-Amyloid interactions alter oxygen delivery in Alzheimer’s disease?  
|         |      | National Institute on Aging, Baltimore, MD USA |

| 10:30 - 11:00AM | Break & Poster Viewing |

| 11:00 - 12:00PM | Invited Lecture 5: Tissue Engineering: Back to the Future  
| R. M. Nerem, Ph.D.  
| (Introduced by D.F. Bruley)  
| Georgia Institute of Technology, Atlanta, GA, USA |

| 12:00 - 1:00PM | Lunch & Poster Viewing |

| 1:00PM | Greeting by N. C. Martin, Ph.D.  
| Senior Vice President for Research, University of Louisville |

| 1:10 – 2:00PM | Invited Lecture 6: Engineering gel niches to promote tissue regeneration  
| K. S. Anseth, Ph.D.  
| (Introduced by R.E. Berson)  
| University of Colorado, Boulder, CO, USA |

| 2:00 - 2:20PM | Session F: Tissue Engineering  
| (Co-Chairs: K.A. Kang & M. Wolf) |
| 2:00   | F-1  | Computationally determined shear on cells grown in orbiting culture dishes.  
| R.E. Berson  
| Department of Chemical Engineering, University of Louisville, Louisville, KY, USA |
| 2:10   | F-2  | Formation of capillary structure on micro patterned biomaterials  
| D. Gao, G. Kumar, C. Co and C. Ho  
| University of Cincinnati, Cincinnati, OH, USA |

| 2:20 - 3:00PM | Invited Lecture 7: Spinal Ischemia-Induced Spastic Paraplegia-Modulation by Spinal Stem Cell Implant  
| M. Marsala, M.D.  
| (Introduced by K.A. Kang)  
| University of California San Diego, La Jolla, CA USA |

| 3:00 - 3:30PM | Break & Poster Viewing |

| 3:30 – 4:30PM | Session G: Tumor, Cancer, Oncology – I  
| (Co-Chairs: O. Thews & P. Okunieff) |
| 3:30   | G-1  | Hypoxia stress signalling and strikingly high respiratory quotients in malignant tumors  
| P. Vaupel  
| University of Mainz, Mainz, Germany |
| 3:40   | G-2  | Endogenous hypoxia markers: Case not proven!  
| A. Mayer, M. Höckel, and P. Vaupel  
| University of Mainz, Mainz, Germany |
3:50 G-3 Mutagenic Proteins Detected in DNA Stalled by UV Radiation
S. Kakar and W.G. McGregor
Ballard High School and University of Louisville, Louisville, KY, USA

4:00 G-4 Ala in Kir; a silent mutation shouts out!
D.J. Maguire, A. Cotterill, D. Cowley, and J. Shah
Griffith Univ. and Mater Misericordiae Health Services, South Brisbane, Australia

4:10 G-5 Cytochrome C oxidase activity and oxygen tolerance
J.L. Campian, X. Gao, M. Qian, and J.W. Eaton
James Graham Brown Cancer Center, University of Louisville, Louisville, KY USA

4:20 G-6 Biomathematics in Cancer Detection
P. Huang and B. Chance
University of Pennsylvania, Philadelphia, PA, USA

4:30 – 5:50PM Session H: Tumor, Cancer, Oncology – II
(Co-Chairs: P. Vaupel & S.S. Kakar)

4:40 H-1 Angiogenesis of the tumor model
B. Chance, S. Nioka, J. Zhang, E.F. Conant, E. Hwang, S. Briest, S.G. Orel, M.D. Schnall, B.J. Czerniecki,
University of Pennsylvania and Hospital of the University of Pennsylvania, Philadelphia, PA, USA and University of Leipzig, Leipzig, Germany

5:00 H-2 NADH/Fp fluorescence imaging predicts aggressiveness of human melanoma mouse xenografts
University of Pennsylvania, Philadelphia, PA, USA

5:10 H-3 Activity of drug efflux transporters in tumor cells under hypoxic conditions
O. Thews, B. Gassner, D.K. Kelleher, and M. Gekle
University of Mainz, Mainz, Germany

5:20 H-4 Antioxidants used to reduce consequences of radiation exposure
University of Rochester Medical Center, Rochester, NY USA

5:30 H-5 Anti-cancer effect of resveratrol is associated with induction of apoptosis via a mitochondrial pathway

5:40 H-6 Ascorbic acid: An essential vitamin for tumor growth?
S. Telang, A. L. Clem, J. W. Eaton and J. Chesney
James Graham Brown Cancer Cntr., University of Louisville, Louisville, KY USA

6:00PM Announcement/Poster Removal

6:15PM Bus Departs for Churchill Downs/Kentucky Derby Museum
6:30 – 7:00 Cocktails Reception
7:00 ISOTT 2006 Group Photo
7:15 Greeting by Dr. J.R. Ramsey (President, University of Louisville)
7:15 – 8:30 Dinner
8:30 A Short Film, “The Greatest Race”
8:45 – 10:00 After Dinner Social and Museum Tour
Tuesday, August 15:  Conference Day 3

7:00AM  Registration & Poster Setup

7:30 – 8:00AM  Breakfast & Poster Viewing

8:00 – 8:40AM  Memorial Lecture: Dietrich W Lübbers - Celebration of a Life Dedicated to Research into Oxygen Transport to Tissue
D. K. Harrison, Ph.D.
University Hospital of North Durham, Durham, UK

8:40 – 10:30AM  Session I : BioInstrumentation
(Cha-Chairs: B. Chance & D.K. Harrison)

8:40  I-1  Near-infrared spectroscopy and imaging
M. Tamura
Hokkaido University, Sapporo, Japan

8:50  I-2  Error analysis of finite-spectral-linewidth illumination in optical oximetry systems
Joseph Hollmann and C.A. DiMarzio
RBC Product Development, Lenexa, KS and Northeastern University, Boston, MA, USA

9:00  I-3  Changes in the attenuation of near infrared spectra during hypoxaemia in the healthy adult brain cannot be accounted for solely by changes in the concentrations of oxy- and deoxy-haemoglobin.
M. Tisdall, I. Tsachtisidis, T.S. Leung, C.E. Elwell, and M. Smith
The National Hospital for Neurology and Neurosurgery and Univ. College London, UK

9:10  I-4  Assessment of oxygenation and perfusion in the tongue and oral mucosa by visible spectrophotometry and laser doppler flowmetry in healthy subjects
D.B. Singh, G. Stansby and D.K. Harrison
Medical Physics Department, University Hospital of North Durham, Durham, UK

9:20  I-5  A Wireless Near-Infrared Imaging Device
Th. Muehlemann, D. Haensse, and M. Wolf
University and University Hospital, Zurich, Switzerland

9:30  I-6  Biosensor for diagnosing factor V leiden, a single amino acid mutated abnormality of factor V
Y. Ren, S. Rezania, and K.A. Kang
University of Louisville, Louisville, KY, USA

9:40  I-7  Scanning laser ophthalmoscope-particle tracking method to assess blood velocity during hypoxia and hyperoxia
K. Lorentz, A. Zayas-Santiago, S. Tummula, and J. J. Kang Derwent
Illinois Institute of Technology, Chicago, IL, USA

9:50 – 10:30AM  Invited Lecture 8: The Use of High-Density Array Event-Related Potentials and Near-infrared Technologies to Provide Spatio-Temporal Insights into Language Processing
D. L. Molfese, Ph.D.  (Introducted by K.A. Kang)
University of Louisville School of Medicine, Louisville, KY, USA
10:30 – 11:00AM  Break & Poster Viewing

11:00 – 11:40AM  Invited Lecture 9: Disposable Plastic “SMART” Lab-on-a-Chip with Nano Biosensors for Clinical Diagnostics  
C. H. Ahn, Ph.D.  (Introduced by K.A. Kang)  
University of Cincinnati, Cincinnati, OH, USA

11:40 – 12:30PM  Session J: Nano/Micro systems  
(M. Tamura & R.E. Berson)

11:40  J-1  An insulated nanowire probe for electrochemical sensing in cells  
A. Safir, M. M. Yazdanpanah, S. Pabba, V. Dobrokhotov, S. D. Cambron, F. P. Zamborini, R. S. Keynton and R. W. Cohn  
University of Louisville, Louisville, KY, USA

11:50  J-2  Highly sensitive, rapid, reliable and automatic cardiovascular disease diagnosis with nanoparticle fluorescence enhancer and MEMS.  
Univ. of Louisville, Louisville, KY and Univ. of Cincinnati, Cincinnati, OH, USA

12:00  J-3  Tumor specific nano-entity for optical detection and hyperthermia treatment of breast cancer  
H. Jin, B. Hong, S. S. Kakar, and K. A. Kang  
University of Louisville, Louisville, KY USA

12:10  J-4  LHRH receptor targeted therapy for breast cancer  
S. Kakar, H. Jin, B. Hong, J. W. Eaton and K. A. Kang  
University of Louisville, Louisville, KY, USA

12:20  J-5  Targeted delivery of antiretroviral agents using nanoparticulate technologies  
M. Chaubal, B. Rabinow, J. Werling, J. Kipp, H. Dou, H. Gendelman  
Baxter Healthcare, Round Lake, IL and Univ. of Nebraska Med. Center, Lincoln, NE, USA

A. Atala, M.D.  (Introduced by J.H. Barker)  
Wake Forest Univ. Baptist Medical Center, Winston-Salem, NC, USA

1:10PM  Poster Removal

- FREE AFTERNOON/EVENING -

1:30 – 3:30PM  ISOTT Executive Meeting For the Executive Members  
(Dogwood Room)

Wednesday, August 16: Conference Day 4

7:00AM  Registration & Poster Setup

7:30AM  Breakfast & Poster Viewing
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>8:00AM</td>
<td>Greeting by Larry N. Cook, M.D.</td>
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<td>Executive Vice President for Health Affairs</td>
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<td>8:10 - 9:00AM</td>
<td>Invited Lecture 11: Neural Tissue Engineering Strategies</td>
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<td></td>
<td>M. S. Shoichet, Ph.D.</td>
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<td>(Introduced by K.A. Kang)</td>
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<td>University of Toronto, Toronto, Canada</td>
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<td>9:00 - 9:40AM</td>
<td>Invited Lecture 12: Role of the Protein C Pathway in Ischemic and</td>
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<td>Inflammatory Organ Dysfunction.</td>
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<td>B. W. Grinnell, Ph.D.</td>
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<td>(Introduced by D.F. Bruley)</td>
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<td>Lilly Research Laboratories, Eli Lilly &amp; Co. Indianapolis, IN, USA</td>
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<td>9:40 - 10:00AM</td>
<td>Session K: Blood, Hemostasis and Hemodynamics – I</td>
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<td>(Co-Chairs: P. Keipert &amp; D.F. Bruley)</td>
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<td>9:40 K-1</td>
<td>Regulation of factor II affinity for metal affinity purification of</td>
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<td>protein C from Cohn fraction IV-1 using imidazole and pH</td>
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<td>J.J. Lee, D.F. Bruley, K.A. Kang</td>
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<td>University of Louisville, Louisville, KY USA</td>
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<td>9:50 K-2</td>
<td>Separation of factor V Leiden molecule, a mutated form of human</td>
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<td>factor V, from plasma</td>
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<td>S. Rezania, Y. Ren, and K.A. Kang</td>
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<td>University of Louisville, Louisville, KY, USA</td>
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<td>10:00 - 10:30AM</td>
<td>Break &amp; Poster Viewing</td>
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<td>10:30 - 11:10AM</td>
<td>Session L: Blood, Hemostasis and Hemodynamics – II</td>
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<td>(Co-Chairs: D.F. Bruley &amp; Fournell)</td>
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<td>10:30 L-1</td>
<td>Hemospa®: A unique oxygen-carrying colloid and plasma expander based</td>
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<td>on PEG-modified hemoglobin</td>
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<td>P. E. Keipert and R. M. Winslow</td>
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<td>Sangart Inc., San Diego, CA, USA</td>
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<td>10:50 L-2</td>
<td>Small-volume resuscitation with hypertonic saline/hydroxyethyl starch</td>
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<td>does not restore microvascular oxygen saturation in gastric mucosa</td>
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<td>after acute hemorrhage</td>
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<td>A. Fournell, I. Schwartges, O. Picker, and L.A. Schwarte</td>
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<td>Heinrich-Heine-University, Duesseldorf, Germany</td>
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<td>11:00 L-3</td>
<td>A simple volume related model of arterial blood pressure generation</td>
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<td>C.B. Wolff, B.S. Gooch and J.S. Douglas</td>
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<td>William Harvey Research Institute, Barts And The Royal London, Long</td>
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<td>don, London, UK</td>
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<td>11:10 L-4</td>
<td>Use of near infrared spectroscopy for brain tissue oxygenation in</td>
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<td>the preterm infant</td>
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<td>K. Boone, R.O. Mainous, H. Jin, and K.A. Kang</td>
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<td>University of Louisville, Louisville, KY, USA</td>
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<td>11:20 - 12:00AM</td>
<td>Invited Lecture 13: Hemophilic Factors Produced by Transgenic</td>
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<td>Livestock: Abundance That Can Enable Alternative Therapies Worldwide</td>
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<td>W. H. Velander, Ph.D.</td>
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<td>(Introduced by D.F. Bruley)</td>
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<td>University of Nebraska-Lincoln, NE, USA</td>
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12:00 - 1:30PM  Lunch & Poster Viewing

1:30 - 2:10PM  Invited Lecture 14: Translational Research: Policies to Mind, Pitfalls to Avoid as Researchers Blur the Traditional Lines
G. W. Dryden, M.D.  (Introduced by R.O. Mainous)
University of Louisville, Louisville, KY, USA

2:10 - 2:40PM  Session M: Translational and Clinical Studies
(Co-Chairs: R.O. Mainous and S. Faithfull)

2:10  M-1  Saturation of hemoglobin in intracranial arteries is similar in patients with hemodynamically relevant and irrelevant stenosis of the internal carotid artery
University of Kiel, Kiel, Germany

2:20  M-2  Supplemental perioperative oxygen reduces the risk of surgical wound infection
University of Louisville, Louisville, KY, USA

2:30  M-3  A three-tiered approach for calibration of a biosensor to detect estrogen mimics
S.A. Andres, D.A., Kerr, S.B. Bumpus, T.L. Kruer, J.W. Thieman, I.A. Smolenkova, and J.L. Wittliff
University of Louisville, Louisville, KY, USA

2:40 - 3:30PM  Invited Lecture 15: Biosensors and Molecular Signatures: Detecting Estrogen-like Therapeutics and Predicting Clinical Outcome of Breast Cancer
J. L. Wittliff, Ph.D.  (Introduced by S.S. Kakar)
University of Louisville, Louisville, KY, USA

3:30PM  Announcement

3:45PM  Break & Poster Removal

4:00 - 6:00PM  ISOTT General Meeting

7:00 - 10:30PM  Banquet at the Jefferson Club
7:00 – 8:00  Cocktail Reception
8:00  Greeting by Mr. Omar N. Ayyash
Executive Director, Office for International Affairs
Louisville and Jefferson County – Mayor’s Office
8:00 – 10:30  Dinner and Award Ceremony

Thursday, August 17:

6:00 - 11:45AM  Breakfast in the Café Magnolia, Galt House Hotel
and Good Bye to ISOTT Friends and See You in Uppsala Sweden