Annual Meeting of the International Academy of Cardiovascular Sciences: North American Section

September 10-12, 2015
Omaha, Nebraska, USA

Third Forum to Promote Young Investigators and Centers of Excellence in Cardiovascular Research

Creighton University
School of Medicine

Holland Foundation
Omaha, Nebraska

CHI Heart Care

SCIENTIFIC PROGRAM
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www.heartacademy.org
International Academy of Cardiovascular Sciences
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Annual Meeting of the IACS—North American Section:

Third Forum to Promote Young Investigators and Centers of Excellence in Cardiovascular Research

The Mike & Josie Harper Center at Creighton University
Omaha, Nebraska, USA September 10-12, 2015

Local Organizing Committee

Chairs:
Devendra K. Agrawal
Irving H. Zucker

Committee Members:
Jerrod E. Lawrence
Dane M. Marvin
Paras Kumar Mishra
Kaushik P. Patel
Christopher J. Pelham
Matthew C. Zimmerman

www.cvforum.org
Program Agenda

Thursday, September 10

1:00 PM - 7:00 PM  Registration (Conference Registration – entrance of the Harper Center, Creighton University)

Session 1.1: Inaugural Session
Location: Creighton University Harper Center Auditorium  
Chair: DK Agrawal, PhD

6:00 PM - 6:40 PM  Welcome Remarks:
* Blessings by Fr. Jim Clifton, Associate Vice Provost Health Science Mission and Identity, Creighton University
* Grant Pierce, President, IACS North American Section
* Irving H. Zucker, Chair of the Annual Meeting of IACS—North American Section, Omaha, Nebraska
* Edward O’Connor, Provost, Creighton University

6:40 - 7:00 PM  Keynote Address: Naranjan S. Dhall: Molecular basis for the beneficial effects of CO2-water bath therapy in peripheral artery disease

7:00 - 7:10 PM  DK Agrawal: Brief overview of Friday and Saturday’s program

Dinner & Entertainment
Location: Harper Center Ballroom

7:15 PM  Dinner & Cultural Program (Program Organizer: Keerthi Ranjith)

Friday, September 11, 2015

Session 2.1: Cerebrovascular Diseases and Stroke
Room:  3047
Chairs:  Grant Pierce, PhD and Pierre B. Fayad, MD

8:00 AM - 8:25 AM  Frank Faraci: Large and small cerebrovascular disease during hypertension

8:25 AM - 8:50 AM  William G. Mayhan: The exercising brain in health and disease

8:50 AM - 9:15 AM  Grant Pierce: A new dietary approach for the control of hypertension

9:15 AM - 9:40 AM  Pierre B. Fayad: The management evolution of carotid atherosclerotic disease
Program Agenda

Session 2.2: Inflammation, Cytokines and Cardiovascular Disease
Room: 3029
Chairs: Jason MacTaggart, MD and Pawan K. Singal, PhD

8:00 AM - 8:25 AM  Pawan K. Singal: Cytokine interactions and innate signaling in heart failure
8:25 AM - 8:50 AM  Xiao-Feng Yang: Caspase-1, an innate immune sensor in endothelial cells
8:50 AM - 9:15 AM  Robert B. Felder: Inflammation as a source of sympathetic excitation in heart failure
9:15 AM - 9:40 AM  Carlos Ferrario: Intracrine ang II function originates from non-canonical pathways in the human heart

Session 2.3: Cardiac and Vascular Regeneration
Room: 3028
Chairs: Roberto Bolli, MD and Rakesh Kukreja, PhD

8:00 AM - 8:25 AM  Roberto Bolli: Cell therapy for ischemic cardiomyopathy
8:25 AM - 8:50 AM  CC Kartha: Growth factor effects on cardiac stem cells
8:50 AM - 9:15 AM  Buddhadeb Dawn: An appraisal of bone marrow cell therapy: Meta-analysis and more
9:15 AM - 9:40 AM  Bojan Vrtovec: Stem cell therapy for dilated cardiomyopathy

Session 2.4: The Grant Pierce Young Investigator Competition in Cardiovascular Sciences
Room: 3027
Chairs & Judges: Morris Karmazyn, PhD and Susan Howlett, PhD
Judges: Dinender Singla, PhD, Michael Czubryt, PhD and Ghassan Bkaily, PhD

8:00 AM - 8:20 AM  Izuagie A. Ikhapoh: Divergent effects of pro-inflammatory cytokines on VEGF-A-induced differentiation of mesenchymal stem cells into endothelial cells
8:20 AM - 8:40 AM  Anastasia Famiiltseva: Mitochondrial-dependent apoptosis in arterial remodeling: Link to hypertension
8:40 AM - 9:00 AM  Bryan K. Becker: Overexpression of Kv4.3 in the RVLM of rats with heart failure attenuates sympathetic tone
9:00 AM - 9:20 AM  Wafa Lefnaier: The protective role of sarcolemmal membrane associated protein isoform 3 (SLMAP3) in cardiac remodeling Post-MI

9:40 AM - 10:00 AM  Coffee Break, 3rd Floor—West Side Atrium
Program Agenda

Session 2.5: Cellular and Molecular Aspects of Cardiovascular Diseases
Room: 3047  
Chairs: Frank Faraci, PhD and Carlos Ferrario, MD

10:00 AM - 10:25 AM  Ren-Ke Li: Cardiac rejuvenation: A new frontier in the management of heart failure
10:25 AM - 10:50 AM  Dinender Singla: Increases in M2 macrophage differentiation reduces inflammation and plaque formation in Apo E−/− mice
10:50 AM - 11:15 AM  Michael Czubryt: Scleraxis: a novel transcriptional regulator of cardiac fibroblast phenotype and extracellular matrix production
11:15 AM - 11:40 AM  Robert Kalina: Get published: Techniques for structuring scientific papers to be accepted

Session 2.6: Diabetic Heart Failure
Room: 3029  
Chairs: William G. Mayhan, PhD and Keshore Bidasee, PhD

10:00 AM - 10:25 AM  Aruni Bhatnagar: Role of carnosine in myocardial ischemia-reperfusion injury
10:25 AM - 10:50 AM  Ming-Hui Zou: Autophagy defects in diabetic hearts
10:50 AM - 11:15 AM  Jawahar L. Mehta: Myocardial infarction alters renal function and morphology
11:15 AM - 11:40 AM  Ramesh K. Goyal: Relevance of pharmacogenomics in the management of heart failure

Session 2.7: Neuromodulation for the Treatment of Cardiovascular Disease
Room: 3028  
Chairs: Irving Zucker, PhD and Mohan K. Raizada, PhD

10:00 AM - 10:25 AM  Jeffrey Ardell: Autonomic regulation therapy in heart failure
10:25 AM - 10:50 AM  Hanjun Wang: Cardiac sympathetic afferent denervation: A new potential therapy for heart failure
10:50 AM - 11:15 AM  Thomas Lohmeier: Device-based neuromodulation for hypertension therapy: Mechanisms and therapeutic implications
11:15 AM - 11:40 AM  Harold Schultz: Sympatho-excitatory reflexes in cardiovascular disease: The efficacy in restraining the carotid body

Session 2.8: Dr. Bruce McManus Young Investigator Presentations
Room: 3027  
Chairs: Bruce McManus, MD, PhD and Paras K. Mishra, PhD

10:00 AM - 10:20 AM  Taylor A. Johnson: PTEN inhibitor reduces cardiac remodeling in doxorubicin-induced cardiomyopathy
## Program Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>10:20 AM - 10:40 AM</td>
<td>Shyam S. Nandi</td>
<td>MiR-133a regulates cardiac autophagy in diabetics</td>
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<tr>
<td>10:40 AM - 11:00 AM</td>
<td>Martin Houde</td>
<td>Improved survival and cardiac function following myocardial infarction in mouse mast cell protease-4 deficient mice</td>
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<tr>
<td>11:00 AM - 11:20 AM</td>
<td>Adam J. Case</td>
<td>Increased mitochondrial superoxide in the brain, but not periphery, sensitizes mice to angiotensin II-mediated hypertension</td>
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<tr>
<td>11:20 AM - 11:40 AM</td>
<td>Taha Rehmani</td>
<td>The cardiac specific isoform of the tail-anchored membrane protein SLMAP1 enhances GLUT4 levels through a mechanism involving the SNARE complex and size expansion of early endosomes</td>
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<tr>
<td>11:45 AM - 1:15 PM</td>
<td>Lunch</td>
<td>Harper Center Ballroom</td>
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<tr>
<td>11:45 AM – 1:15 PM</td>
<td>IACS-North America Executive Committee Business meeting (President: Grant Pierce, PhD), Room 3023</td>
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**Session 2.9: Eric Olson Young Faculty Competition (Biomedical Sciences)**

Room: 3029  
*Chairs & Judges: C. C. Kartha, MD and Dr. Sampath Parthasarathy, PhD*  
*Judges: Madhu Khullar, PhD; Gary D. Lopaschuk, PhD; and Ravichandran Ramasamy, PhD*

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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>1:30 PM - 1:55 PM</td>
<td>Neeru M. Sharma</td>
<td>Upregulation of angiotensinogen (AGT) in the paraventricular nucleus (PVN) of the hypothalamus during chronic heart failure (CHF): Role of miR-133a</td>
</tr>
<tr>
<td>1:55 PM - 2:20 PM</td>
<td>Yumei Feng</td>
<td>Epigenetic modification of brain (Pro)renin receptor contributes to the development of DOCA-salt hypertension via epithelial sodium channel</td>
</tr>
<tr>
<td>2:20 PM - 2:45 PM</td>
<td>Lie Gao</td>
<td>Angiotensin type 2 receptor knockout mice exhibit blunted arterial baroreflex sensitivity and over-activated sympathetic tone</td>
</tr>
<tr>
<td>2:45 PM - 3:10 PM</td>
<td>Saraswathi Viswanathan</td>
<td>Ablation of COX-2 attenuates adipose inflammation but impairs metabolic homeostasis in obesity</td>
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**Session 2.10: Exercise Training in Cardiovascular Disease**

Room: 3027  
*Chairs: Kaushik Patel, PhD and Paramjit Tappia, PhD*

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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>1:30 PM - 1:55 PM</td>
<td>Steven L. Britton</td>
<td>A rat model system of low and high susceptibility to disease risks</td>
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<tr>
<td>1:55 PM - 2:20 PM</td>
<td>Suresh Tyagi</td>
<td>Exercise and exosome in cardiovascular health and disease</td>
</tr>
<tr>
<td>2:20 PM - 2:45 PM</td>
<td>Hong Zheng</td>
<td>Central Neural Control of Sympathetic Nerve Activity in Heart Failure Following Exercise Training</td>
</tr>
<tr>
<td>2:45 PM - 3:10 PM</td>
<td>Bunny Pozehl</td>
<td>Clinical outcomes and the challenge of adherence to exercise in heart failure</td>
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</table>
Program Agenda

Session 2.11: Epigenetics and Cardiovascular Disease
Room: 3047
Chairs: Aruni Bhatnagar, PhD and Stephen Schaffer, PhD

1:30 PM - 1:55 PM  Mahesh Gupta: SIRT3 deacetylase is a guardian of mitochondria, which protects the heart from descending to failure
1:55 PM - 2:20 PM  Balwant Tuana: Modeling mechanisms of dilated cardiomyopathy
2:20 PM - 2:45 PM  Rakesh Kukreja: PDE5 inhibition in protection of doxorubicin-induced cardiomyopathy
2:45 PM - 3:10 PM  Paras K. Mishra: Novel cardioprotective role of miR-133a

Session 2.12: Highlighting Sex Differences in Cardiovascular Diseases
Room: 3028
Chairs: Dennis McNamara, MD, PhD and Hideo Kumamoto, DVM

1:30 PM - 1:55 PM  Bohuslav Ostadal: Sex differences in cardiac tolerance to oxygen deprivation: Developmental aspects
1:55 PM - 2:20 PM  Kathryn Sandberg: Sex-specific immune modulation of blood pressure
2:20 PM - 2:45 PM  Carin Wittnich: Role of sex in newborn heart stress responses
2:45 PM - 3:10 PM  Justin Grobe: Arginine vasopressin in preeclampsia

Combined Poster Session

Room: Harper Center Ballroom and Ballroom Atrium
All posters will be judged in a single session. Fruit, cheese, crackers and beverages will be available during this session.

3:15 PM - 5:15 PM  Morris Karmazyn Poster Award Competition (Translational Medicine): Judges: Ming-Hui Zou, MD, PhD; Harold Schultz, PhD; Robert B. Felder, MD; Suresh Tyagi, PhD; Merry L. Lindsey, PhD; Michael Kutryk, MD, PhD
Margaret Moffat Poster Award Competition (Biomedical Sciences): Judges: Gary D. Lopaschuk, PhD; Kathryn Sandberg, PhD; Belma Turan, PhD; Nilanjana Maulik, PhD; Xuemin Xiu, PhD; Keshore Bidasee, PhD

5:30 PM  Free Time for General Attendees
# Program Agenda

## A Tribute to Professor Edwin E. Daniel to Celebrate his 90th Year

**Location:** The Durham Museum, 801 South 10th Street, Omaha, NE  
**Attendees:** Invited speakers, chairs, judges, guests of honor, faculty and their spouses  
**Chair:** Devendra K. Agrawal, Ph.D.

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<tr>
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<tr>
<td>5:30 PM - 7:00 PM</td>
<td>Drinks and Mixer</td>
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<tr>
<td>6:00 PM - 6:15 PM</td>
<td>Remarks by Devendra K. Agrawal and Naranjan S. Dhallar</td>
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<tr>
<td>6:15 PM - 6:35 PM</td>
<td>Edwin E. Daniel: My Professional Journey</td>
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<tr>
<td>7:00 PM - 9:00 PM</td>
<td>Special Dinner (served “trackside” at the Durham Museum)</td>
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## Saturday, September 12

### Session 3.1: Dennis B. McNamara Symposium: Pathophysiology and Treatment of Peripheral Vascular Disease

**Room:** 3048  
**Chairs:** Bohuslav Ostadal, MD, PhD and Timothy Baxter, MD

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<tr>
<th>Time</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:00 AM - 8:25 AM</td>
<td>Timothy Baxter: The role of IL-1beta in abdominal aortic aneurysm</td>
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<tr>
<td>8:25 AM - 8:50 AM</td>
<td>Jason MacTaggart: Biomechanics of femoropopliteal artery disease</td>
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<tr>
<td>8:50 AM - 9:15 AM</td>
<td>Harry Hasebe: The effectiveness of an artificial carbon dioxide foot bath for medical therapy</td>
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<tr>
<td>9:15 AM - 9:40 AM</td>
<td>Kazu Suzuki: Skin perfusion pressure and wound closure time in lower extremity wounds</td>
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</tbody>
</table>

### Session 3.2: Diastolic Heart Failure with Preserved Ejection Fraction: Mechanism & Therapy

**Room:** 3047  
**Chairs:** Buddhadeb Dawn, MD and Fabiola Sozzi, MD, PhD

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<th>Time</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:00 AM - 8:25 AM</td>
<td>Merry L. Lindsey: MMP-9-mediated mechanisms of diastolic dysfunction</td>
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<tr>
<td>8:25 AM - 8:50 AM</td>
<td>Belma Turan: Depressed sarcoplasmic reticulum activity underlies Ca²⁺ dyshomeostasis in a rat model of metabolic syndrome: Role of phosphodiesterases</td>
</tr>
<tr>
<td>8:50 AM - 9:15 AM</td>
<td>Antoinette Oliveira Blackman: Evaluation of QT dispersion in asymptomatic patients with grade I left ventricular diastolic dysfunction</td>
</tr>
<tr>
<td>9:15 AM - 9:40 AM</td>
<td>Michael J. Moulton: Utilizing mathematical modeling and echocardiography speckle tracking to understand function of the left ventricle in HFpEF</td>
</tr>
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</table>
Program Agenda

Session 3.3: Kern Wildenthal Young Faculty Competition (Translational Medicine)
Room: 3029
Chairs & Judges: Otoni M. Gomes, MD, PhD and William G. Mayhan, PhD
Judges: Xiao-Feng Yang, MD, PhD; Mark Dunlap, MD; and Thomas Lohmeier, PhD

8:00 AM - 8:25 AM  
**Surya Ramachandran:** Secretory cyclophilin A as a potential serological marker of macrovascular disease in type 2 diabetes mellitus

8:25 AM - 8:50 AM  
**Sanjiv Dhingra:** Targeting host immune response to enhance efficacy of allogeneic mesenchymal stem cells for cardiac regeneration

8:50 AM - 9:15 AM  
**Xianwei Wang:** LOX-1 deletion attenuates brain injury following chronic myocardial infarction

9:15 AM - 9:40 AM  
**Noah J. Marcus:** Exercise training attenuates chemoreflex-mediated reductions of renal blood flow in heart failure

Session 3.4: New Concepts in Arrhythmogenesis
Room: 3027
Chairs: Kalyanam Shivkumar, MD, PhD and Krassimira Hristova, MD, PhD

8:00 AM - 8:25 AM  
**Peter P. Nanasi:** New aspects of regulation of cardiac action potential duration

8:25 AM - 8:50 AM  
**István Baczkó:** LQT5 transgenic rabbits: A new model exhibiting increased cardiac repolarization instability and arrhythmia susceptibility

8:50 AM - 9:15 AM  
**András Varró:** Antiarrhythmic and cardioprotective electrophysiologic effect of desethylamiodarone

9:15 AM - 9:40 AM  
**Vadim Fedorov:** Fibrosis: a structural modulator of sinoatrial physiology and arrhythmias in the human heart

9:40 AM - 10:00 AM  
Coffee Break, 3rd Floor—West Side Atrium

Session 3.5: George Jackowski Symposium- Prevention of Heart Disease
Room: 3027
Chairs: Paul Farand, MD and Balwant Tuana, PhD

10:00 AM - 10:25 AM  
**Madhu Khullar:** Candidate gene targeting reveals the functional role of myocardin in dilated cardiomyopathy

10:25 AM - 10:50 AM  
**Mohan K. Raizada:** Involvement of neuroinflammation in resistant hypertension

10:50 AM - 11:15 AM  
**Enrique Castañeda Saldaña:** Update on infective endocarditis

11:15 AM - 11:40 AM  
**Bruce McManus:** Molecular signatures as tools for management of organ failure
Program Agenda

Session 3.6: Novel Therapies Targeting Cardiac Metabolism
Room: 3047
Chairs: John H. McNeill, PhD and Mahesh Gupta, PhD

10:00 AM - 10:25 AM  Gary D. Lopaschuk: Cardiac energy metabolic perturbations in heart failure associated with obesity
10:25 AM - 10:50 AM  Nilanjana Maulik: Key players in myocardial angiogenesis: Potential and challenges
10:50 AM - 11:15 AM  Fabio Recchia: Energy substrate metabolism in normal and failing hearts
11:15 AM - 11:40 AM  Otoni Gomes: Myocardial cell membrane biokinetics and stress ionic diskinesy disease control for cardiovascular mortality prevention

Session 3.7: Non-Pharmacological Therapies for Heart Failure: Novel Devices
Room: 3048
Chairs: Michel Nguyen, MD and Jerome Granato, MD

10:00 AM - 10:25 AM  Brian Lowes: Device diversity in heart failure
10:25 AM - 10:50 AM  Mark Dunlap: Vagal stimulation in HF: Ready for prime time?
10:50 AM - 11:15 AM  Kalyanam Shivkumar: Cardiac neurotransmission: Scientific rationale for treating ventricular tachycardia and fibrillation
11:15 AM - 11:40 AM  Michael Kutryk: Regenerative cell therapy for heart failure

Session 3.8: The James Willerson Young Investigator Competition in Cardiovascular Research
Room: 3027
Chairs & Judges: Pierre B. Fayad, MD and András Varró, MD, PhD
Judges: Rajinder Bhullar, PhD; Michael Del Core, MD; and Ming-Hui Zou, MD, PhD

10:00 AM - 10:20 AM  Monica M. Santisteban: Role of bone marrow and neuroinflammation in hypertension
10:20 AM - 10:40 AM  Brian J. Hansen: Atrial fibrillation driven by micro-anatomic intramural re-entry revealed by simultaneous sub-epicardial and sub-endocardial optical mapping in explanted human hearts
10:40 AM - 11:00 AM  Vikrant Rai: TLR-4 dependent collagen loss in human carotid plaque smooth muscle cells
11:00 AM - 11:20 AM  Jeffery C. Powers: microRNA-21 up-regulation in the failing right ventricular failure
11:20 AM - 11:40 AM  Rui Wang: Combination treatment with tadalafil and hydroxychloroquine improves circulating insulin, IGF-1 and reduces blood triglycerides with concomitant increased expression of cardiac SIRT3 protein in type 2 diabetic mice
Program Agenda

11:45 AM - 1:15 PM  |  Lunch, Harper Center Ballroom
11:45 AM - 1:15 PM  |  IACS Official Cardiology Journal, Current Research Cardiology, Editorial Board Meeting: Robert Kalina

Session 3.9: Nutrition and Cardiovascular Disease Prevention
Room: 3029
Chairs: Ramesh K. Goyal, PhD & Steven Britton, PhD

1:30 PM - 1:55 PM  |  Mei-Zhen Cui: Lysophosphatidic acid, growth factors and matricellular proteins in vascular smooth muscle cell migration
1:55 PM - 2:20 PM  |  Harpal Buttar: Potential role of dietary interventions in the prevention of cardiovascular diseases
2:20 PM - 2:45 PM  |  Nisar A. Shaikh: Beneficial role of omega-3 fatty acids in CVD: Why are there controversies in clinical trials’ outcome?
2:45 PM - 3:10 PM  |  Stephen Schaffer: Mechanism underlying approval of taurine in treatment of congestive heart failure

Session 3.10: Instability of Atherosclerotic Plaque: Underlying Mechanisms and Biomarkers
Room: 3048
Chairs: Michael J Moulton, MD and Peter P. Nanasi, MD, PhD

1:30 PM - 1:55 PM  |  Pedro D’Orléans-Juste: Endothelins in cardiovascular diseases: established and emerging targets
1:55 PM - 2:20 PM  |  Ravichandran Ramasamy: Novel roles for formin Drf1 in myocardial stress
2:20 PM - 2:45 PM  |  Sampath Parthasarathy: Cationic peptides in the prevention of inflammation-implications in atherosclerosis
2:45 PM - 3:10 PM  |  Michael Del Core: Epicardial adipose tissue in coronary artery disease patients

Session 3.11: Echocardiography and Other Novel Modalities
Room: 3047
Chairs: Professor Otoni M. Gomes and Ren-Ke Li, MD, PhD

1:30 PM - 1:55 PM  |  Venkata Mahesh Alla: 3-D echocardiography: Utility in current clinical practice
1:55 PM - 2:20 PM  |  Fabiola Sozzi: Coronary CT scan: diagnostic and prognostic value
2:20 PM - 2:45 PM  |  Krassimira Hristova: The role of echocardiography to diagnose the early changes after chemotherapy in breast cancer diseases
2:45 PM - 3:10 PM  |  Shelby Kutty: Non-invasive imaging for the assessment of right ventricular structure and performance
Program Agenda

Session 3.12: Dr. Jawahar (Jay) Mehta Young Faculty Orations
Room: 3027
Chairs: Jawahar Lal Mehta, MD, PhD and Christopher Pelham, PhD

1:30 PM - 1:55 PM
Johnson Rajasingh: A new method for measuring the functional cardiomyocytes contractility and drugs evaluation

1:55 PM - 2:20 PM
Edward Thorp: Efferocytosis heals the heart: New inflammatory targets for myocardial repair

2:20 PM - 2:45 PM
Chad E. Grueter: Regulation of cardiac gene expression by MED1

2:45 PM - 3:10 PM
Songcang Chen: Vitamin D regulates glucose metabolism through targeting FOXO1 gene in skeletal muscle

3:20 PM - 4:00 PM
Coffee Break, 3rd Floor—West Side Atrium

4:00 PM - 5:30 PM
Shuttle Rides to the Joslyn Art Museum (5-minute shuttle ride)

IACS Awards Banquet and Closing Reception

Location: Joslyn Art Museum, 2200 Dodge Street, Omaha, NE

5:30 PM - 6:30 PM
Cocktails and Hors d’Oeuvres

6:30 PM - 6:40 PM
Blessings by Rev. Daniel S. Hendrickson, President, Creighton University

6:40 PM - 7:00 PM
Announcement and Presentation of IACS Awards
Chairs: Dr. Grant Pierce, Dr. Gary Lopaschuk, and Dr. András Varró:
* Grant Pierce Young Investigator Award (Graduate or Medical Student)
* James Willerson Young Investigator Award (Postdoctoral Fellow, Clinical Resident or Clinical Fellow)
* Eric Olson Young Faculty Award (Biomedical Sciences)
* Kern Wildenthal Young Faculty Award (Translational Medicine)

Chairs: Dr. Irving Zucker, Dr. Otoni M. Gomes, and Dr. DK Agrawal:
* Margaret Moffat Poster Award (Biomedical Sciences)
* Morris Karmazyn Poster Award (Translational Medicine)

Chairs: Dr. Naranjan S. Dhalla, Dr. Bohuslav Ostadal, and Fr. Daniel S. Hendrickson:
* Howard Morgan and Norman Alpert Awards (to recognize distinguished scientists)
* IACS Lifetime Achievement Award
* IACS Distinguished Leadership Award
Program Agenda

7:00 PM - 7:05 PM  Vote of Thanks by Devendra K. Agrawal
7:05 PM - 7:10 PM  Introduction of 2016 Annual meeting of the IACS-North America Section by Ghassan Bkaily
7:10 PM - 7:50 PM  Cultural Program (Organizer: Ms. Keerthi Ranjith)
8:00 PM - 10:00 PM  Banquet Dinner

Travel Awardees
The following students and trainees received travel awards in the amount of $500 provided by IACS North American Section President Dr. Grant Pierce

Stephanie Caligiuri (Manitoba - Canada)
Ramatoulaye Keita (Sherbrooke - Canada)
Binil Raj SS (Rajiv Gandhi - India)
Natasha Fillmore (Alberta - Canada)
John Clemmer (Mississippi - USA)
Anupam Mittal (Jawahar Lal Nehru - India)
Pankaj Chaturvedi (Louisville - USA)
Jong Chian Ju (Western Ontario - Canada)
Norbert Nagy (Szeged - Hungary)
E.L. Couture (Sherbrooke - Canada)

Special Thanks
Cindy Boehmer, Creighton University
Fr. Jim Clifton, Creighton University
Dr. Robert “Bo” Dunlay, Creighton University
Christopher Elliott, Holiday Inn Downtown Omaha
Rachel Gibson, Joslyn Art Museum
Dr. Jeffrey Gold, University of Nebraska Medical Center
Fr. Daniel Hendrickson, Creighton University
Eva Little, St. Boniface Hospital Research Centre
Michelle Meisinger, Durham Museum
Cindy Norton, University of Nebraska Medical Center
Dr. Ed O’Connor, Creighton University
Nicolas Orsi, Creighton University
Creighton University Center for Clinical & Translational Science Students & Fellows
Keerthi Ranjith & the Cultural Program Participants
...and all others who have contributed to making this meeting a success!
Hotel Information

The Holiday Inn Downtown Omaha
1420 Cuming Street, Omaha, Nebraska 68102
Ph: (402) 341-0124

All King-size Beds / Free Wifi / Restaurant / 24hr Fitness Center / Pool
-Free shuttle service for all IACS meeting delegates (call number above for shuttle from airport to hotel)
-Free breakfast vouchers for all IACS invited speakers, chairs, judges, and guests of honor
(Breakfast will be available starting at 6:00 a.m. each morning)

The Fairfield Inn & Suites Downtown Omaha
1501 Nicholas Street, Omaha, Nebraska 68102
Ph: (402) 280-1516

Free Breakfast / Free Wifi / Pool / Fitness Center

Shuttle Information

Free shuttles from Holiday Inn Downtown Omaha will be available to transport guests to and from the meeting site at Harper Center (Creighton University campus) to the hotel as well as from the hotel to the Omaha airport. The hotel phone number is 402-341-0124.

The Holiday Inn shuttles will also transport guests from the hotel to evening events such as the welcome reception at Harper Center, the Friday evening dinner celebration for Ed Daniel at Durham Museum, and the Awards Banquet at Joslyn Art Museum on Saturday evening.

Creighton University will provide additional shuttles during peak times.
The schedule is as follows:

Thursday, September 10th
9:00 – 11:00 p.m.  Harper Center to Holiday Inn

Friday, September 11th
7:30 – 8:00 a.m.  Holiday Inn to Harper Center
5:00 – 6:30 p.m.  Holiday Inn to Durham Museum
8:45 – 9:30 p.m.  Durham Museum to Hotel

Saturday, September 12th
7:30 – 8:00 a.m.  Holiday Inn to Harper Center
4:30 – 5:30 p.m.  Harper Center to Joslyn Art Museum
9:00 – 10:30 p.m.  Joslyn Art Museum to Holiday Inn
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www.creighton.edu
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