

# International College of Angiology 52<sup>nd</sup> Annual World Congress

Boone Center Faculty Club • University of Kentucky  
Lexington, Kentucky  
October 17-19, 2010



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## **Scientific Program**

# *Acknowledgments*

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The International College of Angiology and the Local Organizing Committee wish to thank the following individuals and companies for their generous support of our 52<sup>nd</sup> Annual World Congress:

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# 52<sup>nd</sup> Annual World Congress - ICA 2010 International College of Angiology

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# International College of Angiology

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Mitsuhiro Yamamura, M.D. (2000)

Paul Lee, Ph.D. (2001)

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Rossella DiStefano, M.D. (2003)

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# INTERNATIONAL JOURNAL OF ANGIOLOGY

*Official Journal of the International College of Angiology  
An Official Publication of the International College of Surgeons  
An Official Publication of the Asian Society for Vascular Surgery*

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# International College of Angiology

## Founding Fathers and Past Congresses

The founding fathers of the International College of Angiology were Dr. Saul Simon Samuels and Dr. Rene Leriche. It was Dr. Saul Samuels who in 1942 coined the name "Angiology" from the Greek words meaning the "science of the blood vessels."

The International College of Angiology was organized and chartered in 1958, in order to encourage, support, and facilitate research and education in vascular diseases. It was the founding fathers of the International College of Angiology that have made our College unique, in that it integrates the discipline, knowledge, and skills of several specialties, which treat the many faceted illnesses that result from disorders of the vascular system.

<b>Year</b>		<b>Venue</b>
1958	1 <sup>st</sup> Annual Meeting	Atlantic City, New Jersey
1959	2 <sup>nd</sup> Annual Meeting	Mexico City, Mexico
1960	3 <sup>rd</sup> Annual Meeting	
1961	4 <sup>th</sup> Annual Meeting	
1962	5 <sup>th</sup> Annual Meeting	Las Vegas, Nevada
1963	Caribbean Conference on Angiology	San Juan, Puerto Rico
1964	6 <sup>th</sup> Annual Meeting	
1965	7 <sup>th</sup> Annual Meeting	London, England
1966	8 <sup>th</sup> Annual Meeting	Madrid, Spain
1967	9 <sup>th</sup> Annual Meeting	Las Vegas, Nevada
1968	10 <sup>th</sup> Annual Meeting	Geneva, Switzerland
1969	11 <sup>th</sup> Annual Meeting	Rome, Italy
1970	12 <sup>th</sup> Annual Meeting	Dublin, Ireland
1971	13 <sup>th</sup> Annual Meeting	Copenhagen, Denmark
1972	14 <sup>th</sup> Annual Meeting	London, England
1973	15 <sup>th</sup> Annual Meeting	Lisbon, Portugal
1974	16 <sup>th</sup> Annual Meeting	Montreal, Canada
1974	French Scientific Congress	Paris, France
1975	17 <sup>th</sup> Annual Meeting	Herzalia, Israel
1976	18 <sup>th</sup> Annual Meeting	Tucson, Arizona
1977	19 <sup>th</sup> Annual Meeting	Dublin, Ireland
1978	20 <sup>th</sup> Annual Meeting	Marbella, Spain
1979	21 <sup>st</sup> Annual Meeting	St. Louis, Missouri
1980	22 <sup>nd</sup> Annual Meeting	Vienna, Austria
1981	23 <sup>rd</sup> Annual Meeting: Part I	Zurich, Switzerland
1981	23 <sup>rd</sup> Annual Meeting: Part II	Lisbon, Portugal
1982	24 <sup>th</sup> Annual Meeting	Antwerp, Belgium
1983	25 <sup>th</sup> Annual Meeting	Killarney, Ireland
1984	26 <sup>th</sup> Annual Meeting	San Antonio, Texas
1985	27 <sup>th</sup> Annual Meeting	Hilton Head, South Carolina
1986	28 <sup>th</sup> Annual Meeting	Nice, France
1987	29 <sup>th</sup> Annual Meeting	Montreux, Switzerland
1988	30 <sup>th</sup> Annual Meeting	Amsterdam, The Netherlands
1989	31 <sup>st</sup> Annual Meeting	Rome, Italy
1990	32 <sup>nd</sup> Annual Meeting	Toronto, Canada
1991	33 <sup>rd</sup> Annual Meeting	Singapore
1992	34 <sup>th</sup> Annual Congress	Budapest, Hungary
1993	35 <sup>th</sup> World Congress	Copenhagen, Denmark
1994	36 <sup>th</sup> World Congress	New York, New York
1995	37 <sup>th</sup> World Congress	Helsinki, Finland
1996	38 <sup>th</sup> World Congress	Cologne, Germany
1997	39 <sup>th</sup> Annual World Congress	Istanbul, Turkey
1998	40 <sup>th</sup> Annual World Congress	Lisbon, Portugal
1999	41 <sup>st</sup> Annual World Congress	Sapporo, Japan
2000	42 <sup>nd</sup> Annual World Congress	San Diego, California
2001	43 <sup>rd</sup> Annual World Congress	Berlin, Germany
2002	44 <sup>th</sup> Annual World Congress	New York, New York
2003	45 <sup>th</sup> Annual World Congress	Indianapolis, Indiana
2004	46 <sup>th</sup> Annual World Congress	Lexington, Kentucky
2005	47 <sup>th</sup> Annual World Congress	Uncasville, Connecticut
2006	48 <sup>th</sup> Annual World Congress	Charlotte, North Carolina
2007	49 <sup>th</sup> Annual World Congress	Vancouver, Canada
2008	50 <sup>th</sup> Golden Anniversary Congress	Tokyo, Japan
2009	51 <sup>st</sup> Annual World Congress	Beijing, China

# 52<sup>nd</sup> Annual World Congress General Program Information

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## Congress Aim

The overall mission of the 52<sup>nd</sup> Annual World Congress of the International College of Angiology is to bring together basic and clinical scientists to share universally current knowledge and techniques in angiology to update the pathophysiology of disease, clinical diagnostic methods, and treatment for improved healthcare delivery and future research. This Congress will provide a forum for the synthesis of **State-of-the-Art** information that encompasses the pathophysiology, clinical diagnosis, and treatment of vascular diseases as they are encountered by primary care physicians, vascular, general, thoracic, cardiothoracic, and cardiovascular surgeons, neurosurgeons, cardiologists, internists and cardiology and vascular interventional radiologists.

## Learning Objectives

Upon completion of our continuing medical education activities, the participant should be able to:

- Understand and apply the value of an integrated approach to the diagnosis and treatment of cardiac and vascular disease.
- Assess and differentiate between competing technologies for vascular intervention.
- Choose when and how to appropriately apply various interventional and non-interventional procedures in the treatment of vascular disease.
- Describe new developments and techniques that will impact performance, practice, and patient care in the future.
- Apply the most recent developments in the diagnosis, medical management, and treatment of cardiac, peripheral vascular and cerebrovascular disorders in order to make improved patient care decisions based on outcome and cost.
- Enhance knowledge in the practice of treating vascular disease.
- Evaluate treatment options for asymptomatic and symptomatic patients with carotid artery disease to prevent stroke.
- Define the treatment options of patients with abdominal aortic aneurysms to minimize morbidity and mortality.
- Enhance patient selection for renal artery revascularization to improve blood pressure control and renal function.
- Identify and explore new research problems for future collaboration.

All presentations have a purpose while providing a balanced view of diagnostic and therapeutic options followed by constructive debate. These objectives are achieved through invited guest lectures by nationally and internationally recognized leaders, special symposia, workshops, live demonstrations and exhibits, highlighting the most challenging and controversial procedures performed in interventional medicine. Submitted abstracts and invited guest lecturers serve as a major part of the overall program. A significant portion of the program is reserved for question and answer interaction between the presenters and the audience.

## Instruction to Authors

We remind authors presenting submitted oral papers their presentations are limited to ten (10) minutes with an invited discussion following the session. Authors presenting submitted poster presentation must limit their presentation to five (5) minutes. **All presentations (ORAL and POSTER) are to be given in PowerPoint. Authors are required to submit their presentations on a CD/DVD/Flash Drive or via E-Mail (PC format for Windows 2000 or Windows XP) to our Executive Director NO LATER THAN October 15, 2010. All presentations WILL be pre-loaded in advance of the Opening Ceremony. THERE WILL BE NO DOWNLOADING or use of personal laptops during any session.**

## VENUE

### Hilary J. Boone Center Faculty Club

510 Rose Street  
Lexington, Kentucky 40506-0014  
Telephone: 859.257.1133

### From Bluegrass Parkway (Elizabethtown/Bardstown)

Take Exit 72A (US-60 East, Lexington) on right. Continue onto US-60 East; street becomes BUS US-60 East (Versailles Road). Continue onto KY-1974 South (West Maxwell Street). Turn right on Rose Street. Turn left onto Columbia Avenue. Parking lot for Boone Center is the first right.

### From I-75 South (Northern Kentucky/Cincinnati)

Take Exit 115 (KY-922, Bluegrass Parkway, Airport, Lexington) on right. Continue onto KY-922 South (Newtown Pike). Turn left onto BUS US-25 (BUS US-421, West Main Street). Turn right on Rose Street. Turn left onto Columbia Avenue. Parking lot for Boone Center is the first right.

### From I-75 North (London/Corbin/Tennessee)

Take Exit 104 (KY-418, Lexington, Athens) on right. Turn left onto KY-418 (Athens Boonesboro Road); street becomes US-25 North (US-421 North, Richmond Road). Continue onto BUS US-25 (BUS US-421, East Main Street). Turn left onto Rose Street. Turn left onto Columbia Avenue. Parking lot for Boone Center is the first right.

### From I-64 East (Louisville) or I-64 West (Ashland)

Take Exit 113 (US-27, US-68, Paris, Lexington) on right. Turn right onto US-27 South (US-68 West, North Broadway, Paris Pike). Continue onto US-27 (US-68, North Broadway). Turn left onto BUS US-25 South (BUS US-60 East, BUS US-421 South, West Vine Street). Turn right on Rose Street. Turn left onto Columbia Avenue. Parking lot for Boone Center is the first right.



**Boone Center Parking**

Complimentary parking for Boone Center guests is located directly behind the facility in the gated parking lot. Pull forward to the gate and it will raise automatically. Guests may retrieve a token from the Boone Center Reception Desk to exit the lot. The Hilary J. Boone Center is not responsible for guests who do not park in the specified lot or who park in metered spaces.

**Registration Desk Hours**

The ICA Annual World Congress registration desk will be located in the Boone Center Faculty Club on the campus of the University of Kentucky.

**Sunday, October 17** 7:30 AM – 3:00 PM  
**Monday, October 18** 7:30 AM – 2:00 PM  
**Tuesday, October 19** 7:30 AM – 1:00 PM

**Messages**

The ICA requests all meeting participants to turn off or lower their cellular telephones, or utilize their "vibrate" feature on the cellular telephone.

**52<sup>nd</sup> Annual World Congress Welcome Cocktail Reception & Young Investigator Award Ceremony**

Our traditional Welcome Cocktail Reception is a sponsored event of the Congress, and will be held on Sunday evening, October 17<sup>th</sup> - beginning at 5:30 pm at the Boone Center Faculty Club on the campus of the University of Kentucky. This reception is open to faculty, all registered meeting participants, and their guests. During the reception, cocktails and hors d'oeuvres will be served. **You will be required to present your Congress Badge for this event.** *Attire is business casual.*

**52<sup>nd</sup> Annual World Congress Farewell Dinner**

The International College of Angiology will hold an optional Farewell Dinner at Buffalo Trace Distillery faculty and participants of our Congress on Tuesday evening, October 19<sup>th</sup> beginning at 7:00 PM. This reception **MUST** be reserved in advance of the Congress. The cost of the Farewell Dinner IS NOT included as part of your Registration Fee. *Attire is business casual.*

**Accreditation Statement**

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Medical Society of the State of New York (MSSNY) through the joint sponsorship of MSSNY and the International College of Angiology, Inc. MSSNY is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The Medical Society of the State of New York (MSSNY) designates this educational activity for a maximum of 20.25 AMA/PRA Category 1 Credits™. Physicians should claim commensurate with the extent of their participation in the activity.

**Faculty Disclosure Policy**

As a sponsor accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians, the Medical Society of the State of New York, must ensure balance, independence, objectivity, and scientific rigor in all its directly sponsored or jointly sponsored educational activities. We are required to identify all relevant financial relationships with any commercial interest; determine whether these relationships create a conflict of interest with the individual's control or content and resolve all conflicts before the educational activity occurs.

The Medical Society of the State of New York relies upon Course Directors, planners, moderators and invited faculty participants in its CME programs to provide educational information that is objective and free from bias. In this spirit, and in accordance with the ACCME Standards for Commercial Support, Course Directors, planners, moderators and faculty participants are expected to disclose the existence of any significant financial interest or other relationship the faculty member (spouse or partner) or provider has with the manufacturer of any commercial product discussed in an educational presentation.

All are expected to disclose:

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- If the product he/she will be discussing is not labeled for the use under discussion of that the product is still investigational.

## Presenter Disclosures

As a sponsor accredited by the Accreditation Council of Continuing Medical Education the Medical Society of the State of New York (MSSNY) must ensure balance, independence, objectivity, and scientific rigor in all of its individually or jointly sponsored educational activities. All speakers participating in a sponsored activity are required to disclose any material, financial, or other relationship that may pose conflicts of interest. In addition, the fact that the presentation describes the use of a device, product, or drug that is not FDA approved, or an off-label use of an approved device, product, or drug must also be disclosed. This policy has been adopted in response to FDA policy and recent case law involving medical societies. The requirement of disclosure is not intended to imply any impropriety of such relationship, but simply to indemnify such relationships through full disclosure, to allow the audience to form its own judgments regarding the presentation.

Ram Sudheer Adluri, MBBS .....	Nothing to Disclose
Michael A. Ajakaiye, MD .....	Nothing to Disclose
Hananto Andriantoro, MD .....	No Disclosure Received
Mauro Capoferri, MD.....	Nothing to Disclose
John B. Chang, MD.....	Nothing to Disclose
Xiaofeng Chen .....	Nothing to Disclose
Ran Cheng .....	Nothing to Disclose
Michèle Cowan, MD .....	Nothing to Disclose
Iwan Dakota, MD .....	No Disclosure Received
Alan Daugherty, PhD, DSc.....	No Disclosure Received
Raymond A. Dieter, Jr., MD .....	No Conflict of Interest; presentation does include information
.....	about procedures/product(s) not labeled for use and/or are investigational
Robert Dieter, MD .....	No Conflict of Interest; presentation does include information
.....	about procedures/product(s) not labeled for use and/or are investigational
John Elefteriades, MD .....	No Disclosure Received
Eric D. Endean, MD .....	No Disclosure Received
Victor A. Ferraris, MD, PhD.....	No Disclosure Received
Hannes M. Findeisen, MD .....	No Disclosure Received
Antonios Gasparis, MD .....	No Conflict of Interest; presentation does include information
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John C. Gurley, MD.....	No Disclosure Received
Andrea Gyöngy, MSc .....	No Disclosure Received
Peter Hájek, MD.....	Nothing to Disclose
Michael H. Hall, MD .....	Nothing to Disclose
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.....	Fenestrated Powerlink Aortic cuffs, Palmaz stent placement
RWM Kaligis, MD .....	No Disclosure Received
Karthekeshwar Kasirajan, MD .....	No Disclosure Received
Päivi E. Korhonen, MD.....	No Disclosure Received
Nicos Labropoulos, MD.....	No Disclosure Received
Horia Marin, MD .....	Nothing to Disclose
Jeremiah Martin, MD.....	Nothing to Disclose
David J. Minion, MD.....	No Disclosure Received
David Moliterno, MD .....	No Disclosure Received
Gustavo X. Morales, MD .....	Nothing to Disclose
Joseph F. Ndisang, PhD.....	No Disclosure Received
Heather Nolan .....	Nothing to Disclose
Takao Ohki, MD, PhD.....	No Disclosure Received
Nihar Pandit, MD .....	No Disclosure Received
Mark Plunkett, MD.....	Nothing to Disclose

## Presenter Disclosures (Continued)

Aruna Poduri .....	Nothing to Disclose
Kailash Prasad, MD, PhD .....	Nothing to Disclose
Dinker B. Rai, MD .....	No Disclosure Received
Joseph Rajendran, MD .....	Nothing to Disclose
Chand Ramaiah, MD .....	Nothing to Disclose
Debra L. Rateri .....	Nothing to Disclose
Alfredo Rego, MD, PhD.....	Nothing to Disclose
Mir Sadat-Ali, MD .....	No Conflict of Interest; presentation does include information ..... about procedures/product(s) not labeled for use and/or are investigational; ..... Off-Label Procedure(s)/Product(s) will be disclosed during presentation
Sibu P. Saha, MD, MBA .....	Nothing to Disclose
John Samas, MD .....	Nothing to Disclose
Nicolas W. Shammas, MD.....	Received research Grants to the Midwest Cardiovascular Foundation ..... from Medtronic, Atrium and Possis (now MedRad). Off-Label products will be disclosed during ..... presentation
Yu Shang .....	Nothing to Disclose
Rajinder P. Sharma, MD.....	Nothing to Disclose
David N. Siegel, MD.....	Member of Advisory Boards of Celonova Medical, AGA Medical, and BSC-Oncology
Vijay Singh, MD .....	Nothing to Disclose
Ehab Sorial, MD .....	No Disclosure Received
Sangita Sudharshan, MD .....	Nothing to Disclose
I. Sunu, MD.....	No Disclosure Received
Mushabbar A. Syed, MD .....	No Conflict of Interest; Presentation will include off-label ..... Use of gadolinium for cardiac MRI
Josef Veselka, MD .....	Nothing to Disclose
Thomas F. Whyne, Jr., MD, PhD .....	Nothing to Disclose
Congqing Wu .....	Nothing to Disclose
Elefthertherios Xenos, MD, PhD .....	Nothing to Disclose
Malka Yahalom, MD, DSc.....	Nothing to Disclose
Mitsuhiro Yamamura, MD .....	No Conflict of Interest; Presentation will include off-label use of ..... Edaravone (Radicut®) from Mitsubishi Tanabe Pharma Co., Japan
Xuan Zhang.....	Nothing to Disclose
Wei Zhou, MD.....	Nothing to Disclose

**52<sup>nd</sup> Annual World Congress**  
**Boone Center Faculty Club . University of Kentucky**  
**Lexington, Kentucky . October 17-19, 2010**

**Greetings from Honorable Steven L. Beshear,  
Governor of Kentucky**



COMMONWEALTH OF KENTUCKY  
OFFICE OF THE GOVERNOR

STEVEN L. BESHEAR  
GOVERNOR

700 CAPITOL AVENUE  
SUITE 100  
FRANKFORT, KY 40601  
(502) 564-2611  
FAX: (502) 564-2517

Greetings:

On behalf of the Commonwealth of Kentucky, I am pleased to welcome you to Lexington for the 52nd Annual World Congress of the International College of Angiology. We are honored to host you and pleased that you have chosen to meet in our beautiful state. I commend you for taking time away from your busy schedule in order to participate in this multidisciplinary congress.

Kentucky boasts some of the most breathtaking farms and finest equestrian facilities found anywhere, with Lexington being recognized internationally as the "Horse Capital of the World." While you are here, I encourage you to take advantage of the variety of attractions Lexington has to offer. You may decide to visit the Kentucky Horse Park, Keeneland, the Henry Clay Estate, Waveland State Historic Site or McConnell Springs.

However you decide to spend your time here, you will undoubtedly experience the charm and hospitality that characterize Central Kentucky. Best wishes for an enjoyable stay in the Bluegrass State and hope you will return soon.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven L. Beshear".

Steven L. Beshear

**52<sup>nd</sup> Annual World Congress**  
**Boone Center Faculty Club • University of Kentucky**  
**Lexington, Kentucky • October 17-19, 2010**

**President's Welcome**



**Professor Sibu P. Saha, MD, MBA, FICA**  
**Professor of Surgery, University of Kentucky**  
**Lexington, Kentucky**

Dear Colleagues:

Welcome to Lexington—Bluegrass Region in the heart of Kentucky, "**Horse Capital of the World**", and the venue of the 52<sup>nd</sup> Annual World Congress of the International College of Angiology.

The goal of this Congress is to bring together a unique blend of international clinicians and scientists to provide a forum for *State-of-the-Art* information and emerging technology that encompasses the pathophysiology, clinical diagnosis, and treatment of vascular disease in different disciplines.

The Executive Committee has several exciting projects on line that will have a positive impact on the future of the College. We have re-structured our Officers to have further input in developing scientific programs, as well as our Journal. Through the initiatives of the Regional Secretaries, the ICA is achieving global recognition, particularly in education.

We have developed a program, which will cover the newest modalities and innovative techniques, providing those in attendance with the knowledge of effective patient care and insight into some of the newest investigative findings. Our 52<sup>nd</sup> Annual World Congress will highlight topics and symposia by acknowledged experts in the field of endovascular and stent therapy, cardiovascular surgery, peripheral vascular diseases, vascular surgery, interventional cardiology and radiology, and cardiovascular care in Kentucky. Interactive debates and free communication between the speakers and the meeting participants is highly encouraged.

In addition to an extensive scientific program, we have planned a **Uniquely Bluegrass** social program beginning with our Welcome Cocktail Reception and Young Investigator Award Ceremony at the University of Kentucky Boone Center Faculty Club, and our Farewell Dinner at Buffalo Trace Distillery.

Lexington, with its immaculate farms, exciting racing and majestic horse park, has earned its place as "**Horse Capital of the World.**" *Uniquely* historical—the past comes alive and legacies preserved in historic homes, crafts, and museums throughout the region. Kentucky is also the birthplace of bourbon, the world-renowned "**Spirit of the Bluegrass.**"

It is a distinct honor to serve as President of College, and Chairman of the Local Organizing Committee. I look forward to personally greeting you in Lexington. Enjoy our 52<sup>nd</sup> Annual World Congress and the unique Bluegrass Region of Kentucky!

Yours sincerely,

*Sibu P. Saha, MD*

Sibu P. Saha, MD, MBA, FICA  
President

# 52<sup>nd</sup> Annual World Congress

## Program Chairman's Welcome



**John B. Chang, MD, FACS, FICA**

**Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, and Albert Einstein College of Medicine**

Dear Colleagues, Members, and Guests:

I take great pleasure and honor to welcome each and every one to our 52<sup>nd</sup> Annual World Congress in the beautiful city of Lexington, Kentucky.

I would like to take this opportunity to express my heartfelt appreciation and gratitude to the Local Organizing Committee, headed by our President, Professor Siby P. Saha. I extend my deepest gratitude to the Governor of Kentucky, Honorable Steven L. Beshear, to President Lee T. Todd, Jr., President of the University of Kentucky at Lexington, and to Dr. Michael Karpf, Executive Vice President for Health Affairs, UK HealthCare, University of Kentucky at Lexington, for their generous support in making this Annual World Congress most successful.

I also express my sincere appreciation to Professor Kailash Prasad for his tireless dedication and superb expertise in finalizing our Scientific Program, along with our mighty Executive Director, Denise M. Rossignol, for her strong support and leadership.

This Congress will be held on the campus of the University of Kentucky, a prominent institution for higher education. During the Annual World Congress, you will meet many new friends and renew friendships with old friends. As you will see, many of our members are having been dedicated and loyal for many decades as members and leaders of this society.

On the academic podium, we will be discussing current challenging issues of cardiovascular problems, new diagnostic techniques, and management. We will be honoring our Young Investigators, and also honored to present a Research Achievement Award to a renowned surgeon and education, Professor Victor A. Ferraris.

For the attendees and their family members, the members of the Local Organizing Committee and Officers of the College will be happy to assist you in making your stay in Lexington a most memorable, intellectually and socially entertaining while in Lexington. You will no doubt enjoy the beautiful autumn foliage of this season, in one of America's most beautiful states, Kentucky.

Please enjoy the scientific sessions, social events, and wonderful people of Kentucky. I look forward to greeting each and every one of you at our Congress.

Sincerely,

A handwritten signature in black ink, which appears to read "John B. Chang, MD". The signature is fluid and cursive.

John B. Chang, MD, FACS, FICA  
Chairman, Board of Directors  
Scientific Program Chairman

**ICA 2010 • PROGRAM AT-A-GLANCE**

Saturday October 16		Sunday October 17		Monday October 18		Tuesday October 19		Wednesday October 20
	8:30 AM 9:00 AM	<b>Opening Ceremony &amp; Welcome Remarks</b>	7:30 AM 8:30 AM	<b>SPECIAL BREAKFAST SESSION</b> sRage—A Predictor to Post-PCI Restenosis and Measures to Reduce Incidence of Restenosis		7:30 AM 8:15 AM	<b>Special Breakfast Session</b> An Overview of Vascular Embolotherapy	
	9:00 AM 9:30 AM	<b>Branched Endograft for TAAAs: The Jikei Experience</b> <i>A Special Lecture</i>	8:30 AM 9:30 AM	<b>Management of Peripheral Arterial Disease</b>		8:15 AM 9:00 AM	<b>Tricks of the Trade</b>	
	9:30 AM 10:30 AM	<b>Young Investigator Competition</b> Oral Presentations	9:30 AM 10:30 AM	<b>Carotid Interventions</b>		9:00 AM 10:30 AM	<b>Management of Venous Disease</b>	<b>DAY</b>
	10:30 AM 10:45 AM	<b>Coffee Break</b>	10:30 AM 10:45 AM	<b>Coffee Break</b>		10:30 AM 10:45 AM	<b>Coffee Break</b>	<b>OF</b>
	10:45 AM 12:00 PM	<b>Young Investigator Competition</b> Poster Presentations	10:45 AM 12:00 PM	<b>Advances, Controversies, Research, and Latest Concepts in Cardiovascular Medicine &amp; Surgery—Surgical</b>		10:45 AM 12:00 PM	<b>Interventional Radiology and Cardiology</b>	<b>DEPARTURE</b>
	12:00 PM 1:30 PM	<b>Special Luncheon Session</b> Management of TAA Open Repair vs Endovascular Techniques Debate	12:00 PM 1:00 PM	<b>Special Luncheon Session</b> Research Achievement Award Asking Questions at the Bedside—Clinicians Path to Research		12:00 PM 1:00 PM	<b>Special Luncheon Session</b> Can We Predict Mechanisms of Aneurysm in Humans from Animal Models?	
	1:30 PM 2:30 PM	<b>Advances, Controversies, Latest Concepts in Cardiovascular Medicine &amp; Surgery—Medical</b>	1:00 PM 2:00 PM	<b>Management of Acute Coronary Syndrome—Different Points of View Across the Ocean</b>		1:00 PM 3:00 PM	<b>Preventative Cardiology</b>	
	2:30 PM 3:15 PM	<b>Young Investigators Competition</b> Video Presentations	2:00 PM 3:00 PM	<b>Poster Presentations</b>			<b>Remainder of Afternoon Free</b>	
<b>ICA Business Meetings</b> <i>(Hilton Downtown Lexington Hotel)</i>	3:15 PM 3:30 PM	<b>Coffee Break</b>		<b>Remainder of Afternoon Free</b> <b>Bluegrass Tour—Horse Farms</b>		3:00 PM	<b>Remainder of Afternoon Free</b>	
	3:30 PM 5:15 PM	<b>Cardiovascular Care in Kentucky</b>						
	5:30 PM 7:00 PM	<b>Welcome Reception &amp; Young Investigator Award Presentation</b> <i>Boone Center Faculty Club</i>				7:00 PM	<b>Farewell Dinner</b> <i>Buffalo Trace Distillery</i>	

**52<sup>nd</sup> Annual World Congress**  
**Lexington, Kentucky**  
**October 17-19, 2010**

**Scientific Program**  
**Sunday, October 17, 2010**

8:30 AM – 9:00 AM

Boone Center Faculty Club, University of Kentucky

**Opening Remarks and Introductions**

**Introduction By:**

**Sibu P. Saha, MD, MBA, FICA**

Professor of Surgery; President and Member, Board of Directors, International College of Angiology; Chairman, Membership Committee, International College of Angiology; Editor, *International Journal of Angiology*; Chairman, Local Organizing Committee, 52<sup>nd</sup> Annual World Congress; Member, International Steering Committee, ICA Research and Education Foundation; Department of Surgery, University of Kentucky, Lexington, Kentucky.

**Program Chairman**

**John B. Chang, MD, FACS, FICA**

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, New York; Albert Einstein School of Medicine, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York.

**Vice Chairman, Board of Directors**

**John A. Elefteriades, MD, FICA**

William W.L. Glenn Professor of Cardiothoracic Surgery; Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Section of Cardiothoracic Surgery, Yale University School of Medicine, New Haven, Connecticut.

**President-Elect**

**Takao Ohki, MD, PhD, FICA**

Professor of Surgery, Albert Einstein School of Medicine, Bronx, New York; President-Elect and Member, Board of Directors, International College of Angiology; Editor, *International Journal of Angiology*; Chairman, Department of Surgery and Chief, Department of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan.

**Chairman, Scientific Committee**

**Kailash Prasad, MBBS(Hons), MD, PhD, FRCPC, FACC, FICA, FIACS**

Professor Emeritus of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Member, Board of Directors, International College of Angiology; Chairman, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

**Local Organizing Committee**

**Sibu P. Saha, MD, MBA, FICA, Chairman**

Professor of Surgery; Member, Board of Directors, International College of Angiology; Chairman, Membership Committee, International College of Angiology; Editor, *International Journal of Angiology*; Chairman, Local Organizing Committee, 52<sup>nd</sup> Annual World Congress; Member, International Steering Committee, ICA Research and Education Foundation; Department of Surgery, University of Kentucky, Lexington, Kentucky.

**Thomas F. Whayne, Jr., MD, PhD, FICA, Co-Chairman**

Professor of Medicine; Vice President, International College of Angiology; Co-Chairperson, Membership Committee, International College of Angiology; Editor, *International Journal of Angiology*; Division of Cardiovascular Medicine, University of Kentucky College of Medicine, Lexington, Kentucky.

**Committee Members**

**Patrizio Capasso, MD**

Professor of Radiology; Chief, Division of Vascular and Interventional Radiology

**Alan Daugherty, PhD, DSc**

Senior Associate Dean for Research, UK College of Medicine; Director, Saha Cardiovascular Research Center; Gill Foundation Chair in Preventative Cardiology

**Eric D. Endean, MD**

Professor of Surgery; Division of General Surgery; Program Director, General Surgery Residency Program; Section Head of Vascular Surgery

**Victor A. Ferraris, MD, PhD, FICA**

Tyler Gill Professor of Surgery; Division of Cardiothoracic Surgery

**Pradnya G. Haldipur**

Director of Major Gifts, UK HealthCare

**David J. Minion, MD**

Associate Professor of Surgery; Division of General Surgery

**David Moliterno, MD**

Professor of Medicine; Chief, Division of Cardiovascular Medicine; Medical Director, Linda and Jack Gill Heart Institute

**Debabrata Mukherjee, MD, FICA**

Professor of Medicine; Division of Cardiology, Department of Internal Medicine, Texas Tech University Health Science Center, Paul L. Foster School of Medicine, El Paso, Texas.

**Mark Plunkett, MD**

Associate Professor of Surgery; Chief, Division of Cardiothoracic Surgery; Co-Director, Linda and Jack Gill Heart Institute; Director, Pediatric Cardiac Program, Kentucky Children's Hospital

**Eleftherios S. Xenos, MD, PhD, FICA**

Assistant Professor of Surgery; Division of General Surgery

**Jay Zwischenberger, MD**

Johnston-Wright Professor of Surgery and Professor of Pediatrics; Chairman, Department of Surgery



**Sunday, October 17, 2010 (Continued)**

8:30 AM – 9:00 AM

**Welcome Address**

**President Lee T. Todd, Jr.**

President, University of Kentucky, Lexington, Kentucky.

**Michael Karpf, MD**

Executive Vice President for Health Affairs, UK HealthCare, University of Kentucky, Lexington, Kentucky.

**Opening Address**

**John B. Chang, MD, FACS, FICA, Program Chairman**

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, Uniondale, New York; Albert Einstein School of Medicine, Bronx, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York.

9:00 AM – 9:30 AM

First Scientific Session

**Branched Endograft for TAAAs: The Jikei Experience**

**A Special Lecture**

This special lecture highlights the experience of vascular surgeons using branch endografts for thoracic abdominal aortic aneurysms at Jikei University School of Medicine, Tokyo, Japan.

**Introduction By:**

**John B. Chang, MD, FACS, FICA, Program Chairman**

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, New York; Albert Einstein School of Medicine, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York.

**Presentation By:**

**Takao Ohki, MD, PhD, FICA**

Professor of Surgery, Albert Einstein School of Medicine, Bronx, New York; President-Elect and Member, Board of Directors, International College of Angiology; Editor, *International Journal of Angiology*; Chairman, Department of Surgery and Chief, Department of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan.

9:30 AM – 10:30 AM

Second Scientific Session

**Young Investigator Award Competition**

**Oral Presentations**

This session will focus on the latest developments in certain areas of angiology, including persistent bilateral sciatic arteries, influence of BMI on post-operative transfusions, Denver drain placement and pleural effusion, combination of gene therapy in neovascularization, and the role of angiotensin II Type 1b receptors in atherosclerosis.

**Moderators:**

**Alan Daugherty, PhD, DSc**

Senior Associate Dean for Research, UK College of Medicine; Director, Saha Cardiovascular Research Center; Gill Foundation Chair in Preventative Cardiology, University of Kentucky, Lexington, Kentucky.

**Kailash Prasad, MBBS(Hons), MD, PhD, FRCPC, FACC, FICA, FIACS**

Professor Emeritus of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Member, Board of Directors, International College of Angiology; Chairman, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

- 9:30 **Persistent Bilateral Sciatic Arteries: A Rare Finding of Teaching Importance:** Michèle M. Cowan, BSc, MSc, *Alfaisal University College of Medicine, Riyadh, Saudi Arabia.*
- 9:40 **Effect of BMI on Post-Operative Transfusions and 24-Hour Chest Tube Output:** Heather R. Nolan, BA, AS, *University of Kentucky College of Medicine, Lexington, Kentucky.*
- 9:50 **Effectiveness of Denver Drain Placement with Malignant Pleural Effusions:** Sangita Sudharshan, BS, *University of Kentucky College of Medicine, Lexington, Kentucky.*
- 10:00 **Effect of Combination Gene Therapy with Vascular Endothelial Growth Factor and Angiopietin-1 after Myocardial Infarction Enhances Neovascularization and Reduced Ventricular Remodeling in the Type-1 Diabetic Myocardium:** Ram Sudheer Adluri, PhD, *University of Connecticut Health Center, Farmington, Connecticut.*

Sunday, October 17, 2010

9:30 AM – 10:30 AM

Second Scientific Session

**Young Investigator Award Competition (Continued)**  
**Oral Presentations**

- 10:10 **Angiotensin II Type 1b Receptor Deficiency Increases Hypercholesterolemia-Induced Atherosclerosis in Male LDL Receptor Deficient Mice:** Aruna Poduri, PhD, *Saha Cardiovascular Research Center, Lexington, Kentucky.*

**Questions and Answers with Audience Participation**

•  
Sunday, October 17, 2010

10:30 AM – 10:45 AM **Coffee Break**

•  
10:45 AM – 12:00 PM

Third Scientific Session

**Poster Presentations**

These poster presentations provide insight into the role of the renin-angiotensin system in aortic aneurysms and atherosclerosis, and the use of near-infrared diffuse optics spectroscopies in the detection of cerebral ischemia.

**Moderators:**

**Pertti Aarnio, MD, PhD, FICA**

Professor of Surgery; Member, Board of Directors and Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Department of Surgery, Satakunta Central Hospital and University of Turku, Pori, Finland.

**Jeffrey T. Prem, MD, FACS, FICA**

Associate Clinical Professor of Surgery, Northeast Ohio College of Medicine, Canton, Ohio; Medical Director, Vascular Services and Vascular, Mercy Medical Center, Canton, Ohio.

- 10:45 **Detection of Cerebral Ischemia during Carotid Endarterectomy using Near-Infrared Diffuse Optics Spectroscopies:** Yu Shang, PhD, *University of Kentucky College of Medicine, Lexington, Kentucky.*

- 10:52 **Intraoperative Evaluation of Revascularization Effect on Ischemic Muscle Hemodynamics using Near-Infrared Diffuse Optical Spectroscopies:** Ran Cheng, BS, *University of Kentucky College of Medicine, Lexington, Kentucky.*

- 10:59 **Isolated Necrotizing Aortitis Presenting as Incidental Thoracoabdominal Aortic Aneurysm: A Case Report:** Jeremiah T. Martin, MD, *University of Kentucky College of Medicine, Lexington, Kentucky.*

- 11:06 **Testosterone Developmentally Programs Angiotensin II-Induced AAAs in Female Hyperlipidemic Mice through Smooth Muscle AT1a Receptors:** Xuan Zhang, BS, *Graduate Center for Toxicology, University of Kentucky, Lexington, Kentucky.*

- 11:13 **Attenuation of Endogenous Angiotensinogen Concentrations Reduces Abdominal Aortic Aneurysms Induced by Exogenous Angiotensin II:** Congqing Wu, MS, *Saha Cardiovascular Research Center, Lexington, Kentucky.*

- 11:20 **Angiotensin Converting Enzyme (ACE) Deficiency in Bone Marrow-Derived Cells Has No Effect on Hypercholesterolemia-Induced Atherosclerosis:** Xiaofeng Cheng, MD, PhD, *Saha Cardiovascular Research Center, Lexington, Kentucky.*

**Questions and Answers with Audience Participation**

Sunday, October 17, 2010

12:00 PM – 1:30 PM

Fourth Scientific Session

**Management of TAA Open Repair vs Endovascular Techniques —A Debate  
A Special Luncheon Session**

This debate will put forward the pros and cons of open repair and endovascular techniques in the management of thoraco-abdominal aortic aneurysms.

**Moderators:**

**John B. Chang, MD, FACS, FICA, Program Chairman**

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, New York; Albert Einstein School of Medicine, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York.

**David J. Minion, MD**

Associate Professor of Surgery; Division of General Surgery, University of Kentucky, Lexington, Kentucky.

•

**John A. Eleftheriades, MD, FICA**

William W.L. Glenn Professor of Cardiothoracic Surgery; Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Section of Cardiothoracic Surgery, Yale University School of Medicine, New Haven, Connecticut.

VS

**Karthekeshwar Kasirajan, MD, FICA**

Assistant Professor of Surgery; Co-Chairperson, Scientific Committee, International College of Angiology; Editor, *International Journal of Angiology*; Department of Surgery, Emory University School of Medicine, Atlanta, Georgia.

**Questions and Answers with Audience Participation**

•

1:30 PM – 2:30 PM

Fifth Scientific Session

**Advances, Controversies, and Latest Concepts in Cardiovascular Medicine &  
Surgery I**

This session will focus on the latest concepts in cardiovascular medicine, with a special reference to pregnancy-associated plasma protein and acute coronary syndrome, familial heart block, anti-factor Xa, and the treatment of pulmonary thromboembolism.

**Moderators:**

**Otmar M. Pachinger, MD, FESC, FAHA, FICA**

Professor of Medicine; Chief of Cardiology, Medical University of Innsbruck, Innsbruck, Austria.

**Eiji Tamiya, MD, FICA**

Co-Chairperson, Membership Committee, International College of Angiology; Editor, *International Journal of Angiology*; Visiting Professor, Juntendo University, Tokyo, Japan; Chief, Department of Cardiology, Koto Hospital, Tokyo, Japan.

•

1:30 **Influence of Concomitant Heparin Administration on Pregnancy-Associated Plasma Protein-A Kinetics: Need for Reassessment of the Diagnostic (Prognostic) Value in Acute Coronary Syndrome:** Petr Hájek, MD, *University Hospital Motol, Prague, Czech Republic.*

1:40 **A Look at the Peak and Trough Levels of Anti-Factor Xa in Patients on Enoxaparin with CCT<30 ml/minute:** Joseph Rajendran, MD, *Tan Tock Seng Hospital, Singapore.*

1:50 **Bilateral Massive Pulmonary Thromboembolism in a Young Patient Treated with Supportive Measures with an Excellent Outcome:** Nihar Pandit, MD, *Tan Tock Seng Hospital, Singapore.*

2:00 **The Clinical Significance of Familial Heart Block:** Malka Yahalom, MD, DSc, FICA, *Western Galilee Hospital, Nahariya, Israel.*

**Questions and Answers with Audience Participation**

## Scientific Sessions

**Sunday, October 17, 2010**

2:30 PM – 3:15 PM

Sixth Scientific Session

### **Video Presentations**

This session is video presentations on the repair of vascular ring, posterior post-infarct ventricular septal defects, and the management of median arcuate ligament syndrome.

#### **Moderators:**

#### **John A. Elefteriades, MD, FICA**

William W.L. Glenn Professor of Cardiothoracic Surgery; Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Section of Cardiothoracic Surgery, Yale University School of Medicine, New Haven, Connecticut.

#### **Randall W. Franz, MD, FACS, RVT, FICA**

Clinical Associate Professor of Surgery, Ohio University School of Medicine, Columbus, Ohio; Auxiliary Clinical Faculty of Surgery, Ohio State University School of Medicine, Columbus, Ohio; Vice President, International College of Angiology; Editor, *International Journal of Angiology*; Chief, Vascular Surgery, Grant Medical Center; Medical Director, Grant Vascular and Vein Center, Columbus, Ohio.

- 2:30 **Repair of Vascular Ring with Resection of Kommeral Diverticulum and Transposition of Aberrant Left Subclavian Artery:** John Samas, MD, *North Shore-LIJ Health System, New Hyde Park, New York.*
- 2:40 **Double Patch Technique for Repair of Posterior Post Infarct Ventricular Septal Defect:** Chand Ramaiah, MD, *University of Kentucky College of Medicine, Lexington, Kentucky.*
- 2:50 **Median Arcuate Ligament Syndrome—Combined Open and Endovascular Management:** Ehab Sorial, MD, FACS, *University of Kentucky Medical Center, Lexington, Kentucky.*

#### **Questions and Answers with Audience Participation**

3:15 PM – 3:30 PM **Coffee Break**

3:30 PM – 5:15 PM

Seventh Scientific Session

### **Cardiovascular Care in Kentucky**

This session is devoted to cardiovascular care in Kentucky with special reference to cardiovascular imaging, the latest technology in cardiology, interventional electrophysiology, robotic coronary bypass surgery, and the surgical treatment of coronary artery anomalies and peripheral vascular disease.

#### **Moderators:**

#### **Thomas F. Whyne, Jr., MD, PhD, FICA**

Professor of Medicine; Vice President and Co-Chairperson, Membership Committee, International College of Angiology; Editor, *International Journal of Angiology*; Co-Chairman, 52<sup>nd</sup> Annual World Congress, International College of Angiology; Division of Cardiovascular Medicine, University of Kentucky, Lexington, Kentucky.

#### **Jay Zwischenberger, MD**

Johnston Wright Professor of Surgery, and Professor of Pediatrics; Local Organizing Committee Member, 52<sup>nd</sup> Annual World Congress, International College of Angiology; Chairman, Department of Surgery, University of Kentucky Chandler Medical Center, Lexington, Kentucky.

- 3:30 **Update in Cardiovascular Imaging:** Mushabbar A. Syed, MD, FACC, *Loyola University Stritch School of Medicine, Maywood, Illinois.*
- 3:45 **New Technologies That Will Revolutionize Cardiology:** John C. Gurley, MD, *University of Kentucky, Lexington, Kentucky.*
- 4:00 **Interventional Electrophysiology: Arrhythmia Management Beyond the Endocardial Surface:** Gustavo X. Morales, MD, *University of Kentucky, Lexington, Kentucky.*
- 4:15 **Robotic Coronary Artery Bypass Surgery in 2010:** Chand Ramaiah, MD, *University of Kentucky, Lexington, Kentucky.*
- 4:30 **Surgical Treatment of Coronary Artery Anomalies:** Mark D. Plunkett, MD, *University of Kentucky College of Medicine, Lexington, Kentucky.*
- 4:45 **A Paradigm Shift in Treatment of Peripheral Vascular Surgery?** Eric D. Endean, MD, FACS, *University of Kentucky College of Medicine, Lexington, Kentucky.*

#### **Questions and Answers with Audience Participation**

**Sunday, October 17, 2010**

5:30 PM – 7:00 PM

**Welcome Reception & Young Investigator Award Ceremony**

Boone Center Faculty Club

*University of Kentucky College of Medicine*

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**Monday, October 18, 2010**

7:30 AM – 8:30 AM

Eighth Scientific Session

**sRAGE—A Predictor of Post-PCI Restenosis and Measures to Reduce Incidence of Restenosis**

***A Special Breakfast Session***

This special lecture deals with advanced glycation end products (AGEs), and the receptors for AGE (RAGE) and soluble RAGE (sRAGE). The sensitivity and specificity of sRAGE in the prediction of post-PCI restenosis will be described, along with possible measures to reduce the incidence of restenosis, will be discussed.

**Introduction By:**

**John B. Chang, MD, FACS, FICA, Program Chairman**

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, New York; Albert Einstein School of Medicine, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York.

**Presentation By:**

**Kailash Prasad, MBBS(Hons), MD, PhD, FRCPC, FACC, FICA, FIACS**

Professor Emeritus of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Member, Board of Directors, International College of Angiology; Chairman, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

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**Monday, October 18, 2010**

8:30 AM – 9:30 AM

Ninth Scientific Session

**Management of Peripheral Arterial Disease**

This session focuses on the management of peripheral arterial disease with emphasis on omental therapy in aortic infections and GI fistula, ankle-brachial index and cardiovascular risk, angiogenesis and wound healing, and critical limb ischemia.

**Moderators:**

**David Zeltsman, MD, FICA**

Assistant Professor of Surgery, Hofstra-North Shore LIJ Medical School, New York; Chief of Thoracic Surgery, Department of Cardiovascular and Thoracic Surgery, NorthShore-Long Island Jewish Healthcare System, New Hyde Park, New York.

**David G. Stanley, MD, FACS, FICS, FICA**

Editor, *International Journal of Angiology*; Medical Director, Wound Treatment Center, Methodist Medical Center of Oak Ridge, Oak Ridge, Tennessee.

•  
8:30 **Omental Therapy in Aortic Infections and GI Fistula:** Raymond A. Dieter, Jr., MD, FICA, *Glen Ellyn, Illinois.*

8:40 **Ankle-Brachial Index Identifies Persons with Cardiovascular Risk in Both Genders:** Päivi E. Korhonen, MD, FICA, *Central Satakunta Health Federation of Municipalities, Harjavalta, Finland.*

8:50 **Role of Angiogenesis in Wound Healing in Diabetic Rabbits:** Mir Sadat-Ali, MD, *King Fahd University Hospital, Al-Khobar, Saudi Arabia.*

9:00 **Critical Limb Ischemia:** Robert S. Dieter, MD, RVT, FICA, *Loyola University School of Medicine, Glen Ellyn, Illinois.*

***Questions and Answers with Audience Participation***

## Scientific Sessions

**Monday, October 18, 2010**

9:30 AM – 10:30 AM

Tenth Scientific Session

### **Carotid Interventions**

This symposium provides an in-depth review and update on carotid artery interventions with special emphasis on carotid artery stents, carotid endarterectomy, and risk factors predictive of carotid artery stenting-associated microemboli.

#### **Moderators:**

#### **Aravinda Nanjundappa, MD, FACC, FSCAI, RVT, FICA**

Associate Professor of Medicine and Surgery; Editor, *International Journal of Angiology*; West Virginia University School of Medicine, Charleston, West Virginia.

#### **Wei Zhou, MD**

Associate Professor of Surgery, Stanford University, Stanford, California; Chief, Vascular Surgery, Palo Alto VA Health Care System, Palo Alto, California.

- 9:30 **Current State of Carotid Artery Stents and Long-Term Outcome of Carotid Endarterectomy:** John B. Chang, MD, FICA, *Hofstra North Shore-LIJ School of Medicine, New York; Albert Einstein School of Medicine, New York; Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York.*
- 9:40 **Mid-Term Outcome of Carotid Stenting for Moderate versus Critical Stenosis:** Josef Veselka, MD, PhD, FICA, *University Hospital Motol, Prague, Czech Republic.*
- 9:50 **Risk Factors Predictive of CAS-Associated Subclinical Microemboli:** Wei Zhou, MD, *Stanford University, Stanford, California.*
- 10:00 **Carotid Endarterectomy—My Way:** Sibu P. Saha, MD, MBA, FICA, *University of Kentucky College of Medicine, Lexington, Kentucky.*

#### **Questions and Answers with Audience Participation**

10:30 AM – 10:45 AM **Coffee Break**

10:45 AM – 12:00 PM

Eleventh Scientific Session

### **Advances, Controversies, Research, and Latest Concepts in Cardiovascular Medicine & Surgery II**

This session will present the management of aortic valve disease, TRALI syndrome and Type B aortic dissection, and the protective role of Edaravone in ischemic reperfusion leg injury and of heme oxygenase and atrial natriuretic peptide in hypertension-induced renal dysfunction.

#### **Moderators:**

#### **Frank Manetta, MD, FICA**

Assistant Professor of Surgery, Hofstra-North Shore LIJ School of Medicine, New Hyde Park, NY; Editor, *International Journal of Angiology*; Program Director, Cardiothoracic Surgery, Long Island Jewish Medical Center, New Hyde Park, New York.

#### **Nicolas W. Shammas, MD, MS, FICA**

Adjunct Clinical Associate Professor of Medicine, University of Iowa Hospitals, Iowa City, Iowa; Editor, *International Journal of Angiology*; Research Director, Midwest Cardiovascular Research Foundation, Davenport, Iowa.

- 10:45 **Fourteen Year Experience with Minimally Invasive Aortic Valve Replacement:** Michael H. Hall, MD, MBA, FICA, *NorthShore-LIJ Health System, Manhasset, New York.*
- 10:55 **A Surgical Disaster: TRALI Syndrome Complicated by Retroperitoneal Bleeding in a Patient with Single Lung Physiology:** Vijay Singh, MD, *Long Island Jewish Medical Center, New Hyde Park, New York.*
- 11:05 **Type B Aortic Dissection Treated with an Endovascular Separated Stent-Graft System—A Single Center Experience:** Iwan Dakota, MD, FICA, *National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.*
- 11:15 **Edaravone Reduces Mitochondrial Damage due to Reperfusion Injury Following Leg Ischemia in Rats:** Mitsuhiro Yamamura, MD, FICA, *Hyogo College of Medicine, Nishinomiya-city, Hyogo, Japan.*
- 11:25 **Heme Oxygenase and Atrial Natriuretic Peptide Suppresses Hypertension-Induced Renal Dysfunction:** Joseph F. Ndisang, PhD, FICA, *University of Saskatchewan, Saskatoon, Canada.*

#### **Questions and Answers with Audience Participation**

## Scientific Sessions

**Monday, October 18, 2010**

12:00 PM – 1:00 PM

Twelfth Scientific Session

### **Professor John B. Chang Research Achievement Award**

The Professor John B. Chang Research Achievement Award is presented annually to a Fellow of the International College of Angiology in recognition of excellence in research and scholarly activity.

#### ***A Special Luncheon Session***

### **Asking Questions at the Bedside—Clinicians Path to Research**

**Introduction By:**

#### **John A. Eleftheriades, MD, FICA**

William W.L. Glenn Professor of Cardiothoracic Surgery; Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Section of Cardiothoracic Surgery, Yale University School of Medicine, New Haven, Connecticut.

**Presentation By:**

#### **Victor A. Ferraris, MD, PhD, FICA**

Tyler Gill Professor of Surgery; Secretary General and Member, Board of Directors, International College of Angiology; Editor, *International Journal of Angiology*; Division of Cardiothoracic Surgery, University of Kentucky College of Medicine, Lexington, Kentucky.

•

1:00 PM – 2:00 PM

Thirteenth Scientific Session

### **Management of Acute Coronary Syndrome: Different Points of View Across the Ocean**

This session will provide the viewpoints of European and North American health care providers on the management of acute coronary syndrome.

***Moderators:***

#### **Otmar M. Pachinger, MD, FESC, FAHA, FICA**

Professor of Medicine; Chief of Cardiology, Medical University of Innsbruck, Innsbruck, Austria.

#### **Edward Ross, MD, FICA, FACC**

Member, Board of Directors, International College of Angiology; Co-Chairman, Scientific Committee, International College of Angiology; Editor, *International Journal of Angiology*; Past Co-Director, Cardiovascular Program-Clarian Health Partners, Methodist Hospital; Past Co-Medical Director, Cardiac Cath. Lab. and Cardiovascular Services, Methodist Hospital; Senior Cardiologist, Methodist Cardiology Physicians, Indianapolis, Indiana.

**Presentations By:**

#### **David Moliterno, MD**

Professor of Medicine; Chief, Division of Cardiovascular Medicine, University of Kentucky College of Medicine, Lexington, Kentucky; Medical Director, Linda and Jack Gill Heart Institute, Lexington, Kentucky.

**vs**

#### **Joseph Veselka, MD, PhD, FESC, FSCAI, FICA**

Professor of Medicine; Editor, *International Journal of Angiology*; Chief, Cardiovascular Center, University Hospital Motol, Prague, Czech Republic.

***Questions and Answers with Audience Participation***

## Scientific Sessions

**Monday, October 18, 2010**

2:00 PM – 3:00 PM

Fourteenth Scientific Session

### **Scientific Poster Presentations**

This poster session describes recent developments in the treatment of vascular diseases and the role of angiotensin II in the pathophysiology of aortic aneurysms.

#### **Moderators:**

##### **John A. Elefteriades, MD, FICA**

William W.L. Glenn Professor of Cardiothoracic Surgery; Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Section of Cardiothoracic Surgery, Yale University School of Medicine, New Haven, Connecticut.

##### **Rajinder P. Sharma, MD, FICA**

Treasurer and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Editor, *International Journal of Angiology*; Chairman, International Steering Committee, ICA Research and Education Foundation; Division of Vascular and Interventional Radiology, Henry Ford Hospital, Detroit, Michigan.

- 2:00 **Intermediate-Term Outcomes of Patients Treated with the Zotaroliums-Eluting (Endeavor) Stent at a Tertiary Medical Center:** Nicolas W. Shammass, MD, MS, FICA, *Midwest Cardiovascular Research Foundation, Davenport, Iowa.*
- 2:10 **Late Retrograde Type A Aortic Dissection with Rupture after Repair of Type B Aortic Dissection with a Gore TAG Endovascular Prothesis:** M.A. Ajakaiye, MD, *Long Island Jewish Medical Center, North Shore University Hospital, Feinstein Institute of Medical Research, Manhasset, New York.*
- 2:20 **Angiotensin II Infusion Promotes Progressive Dilation of Ascending Aorta Independent of Hypercholesterolemia:** Debra L. Rateri, BS, *Saha Cardiovascular Research Center, Lexington, Kentucky.*
- 2:30 **Telomerase-Deficiency in Bone Marrow-Derived Cells Attenuates Angiotensin II-Induced Abdominal Aortic Aneurysm Formation:** Hannes M. Findeisen, MD, *Saha Cardiovascular Research Center, Lexington, Kentucky.*

#### **Questions and Answers with Audience Participation**

3:00 PM

**Bluegrass Tour—Horse Farms**



**Tuesday, October 19, 2010**

7:30 AM – 8:15 AM

Fifteenth Scientific Session

**An Overview of Vascular Embolotherapy**

**A Special Breakfast Session**

This special lecture will provide an overview of vascular embolotherapy.

**Introduction By:**

**John B. Chang, MD, FACS, FICA, Program Chairman**

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, New York; Albert Einstein School of Medicine, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York.

**Moderator:**

**Professor Austin Leahy, FRCSI, MCh**

Associate Professor of Surgery and Consultant Vascular Surgeon, Beaumont Hospital, Dublin, Ireland; Professor of Health Sciences and Management, Royal College of Surgeons in Ireland; Editor-in-Chief, The Surgeon: Journal of the Royal Colleges of Surgeons of Edinburgh and Ireland.

**Presentation By:**

**David N. Siegel, MD, FSIR, FICA**

Assistant Professor of Radiology, Albert Einstein College of Medicine, and Hofstra-North Shore LIJ School of Medicine, New York; Vice President, International College of Angiology; Editor, *International Journal of Angiology*; Chief, Division of Vascular and Interventional Radiology, NorthShore-LIJ Health System, New Hyde Park, New York.

**Questions and Answers with Audience Participation**

•

8:15 AM – 9:00 AM

Sixteenth Scientific Session

**Tricks of the Trade**

This session discusses the “tricks of the trade” in endovascular repair with challenging anatomy, and EVAR with technical pitfalls.

**Moderators:**

**Iwan Dakota, MD, FICA**

Regional Secretary, Membership Committee, International College of Angiology; Department of Cardiology and Vascular Diseases, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

**John A. Elefteriades, MD, FICA**

William W.L. Glenn Professor of Cardiothoracic Surgery; Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Section of Cardiothoracic Surgery, Yale University School of Medicine, New Haven, Connecticut.

•

8:15 **Branch Vessel Preservation during Endovascular Aneurysm Repair in Challenging Anatomy:** David J. Minion, MD, *University of Kentucky College of Medicine, Lexington, Kentucky.*

8:30 **How I Do It—EVAR with Technical Pitfalls:** Hermann W. Kaebnick, MD, RVT, *VA Hospital, Louisville, Kentucky.*

**Questions and Answers with Audience Participation**

Tuesday, October 19, 2010

9:00 AM – 10:30 AM

Seventeenth Scientific Session

### Management of Venous Disease

The focus of this session is on the management of venous disease with a special reference to acute iliofemoral thrombosis and saphenous vein insufficiency. It will also provide an insight into venous physiology and the financial aspects as it relates to the care of venous disease.

**Moderator:**

**Eleftherios Xenos, MD, PhD, FICA**

Assistant Professor of Surgery; Local Organizing Committee Member, 52<sup>nd</sup> Annual World Congress, International College of Angiology; Division of General Surgery, University of Kentucky College of Medicine, Lexington, Kentucky.

9:00 **Pharmacomechanical Thrombolysis for Acute Iliofemoral Thrombosis and Treatment Options for Chronic Venous Outflow Obstruction:** Antonios P. Gasparis, MD, RVT, *Stony Brook University School of Medicine, Stony Brook, New York.*

9:20 **Venous Imaging—Physiology—Diagnosis:** Nicos Labropoulos, MD, *Stony Brook University School of Medicine, Stony Brook, New York.*

9:40 **Current Status of Saphenous Vein Insufficiency Treatment:** Eleftherios Xenos, MD, PhD, FICA, *University of Kentucky Medical Center, Lexington, Kentucky.*

9:50 **Motion of Blood in the Veins is Pulsatile—A New Finding:** Dinker B. Rai, MD, FICA, *Interfaith Medical Center, Brooklyn, New York.*

10:00 **Financial Aspects Related to the Care of Venous Disease—Running A Successful Vein Practice:** Alfredo Rego, MD, PhD, FICA, *Cleveland Clinic Foundation, Aventura, Florida.*

**Questions and Answers with Audience Participation**

10:30 AM – 10:45 AM **Coffee Break**

10:45 AM – 12:00 PM

Eighteenth Scientific Session

### Interventional Radiology and Cardiology

This session discusses the therapeutic modalities for abdominal aortic aneurysms, thoracic aortic dissections with retro-esophageal right brachiocephalic anatomy, abdominal aortic aneurysms with a tortuous delivery vessel, thoracic endovascular aortic repair with an anomalous region of the left vertebral artery, and interventional management of a stroke.

**Moderators:**

**Patrizio Capasso, MD**

Professor of Radiology; Local Organizing Committee Member, 52<sup>nd</sup> Annual World Congress, International College of Angiology; Chief, Division of Vascular and Interventional Radiology, University of Kentucky College of Medicine, Lexington, Kentucky.

**Hitoshi Hirose, MD, PhD, FACS, FICA**

Assistant Professor of Surgery; Co-Chairman, Membership Committee, International College of Angiology; Editor, *International Journal of Angiology*; Division of Cardiothoracic Surgery, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania.

10:45 **Separated Aortic Stent Graft System to Treat Abdominal Aortic Aneurysms—Short- and Long-Term Results:** Iwan Dakota, MD, FICA, *National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.*

10:55 **Transjugular Intrahepatic Portosystemic Shunt (TIPS)—How I Do It:** Rajinder P. Sharma, MD, FICA, *Henry Ford Hospital, Detroit, Michigan.*

11:05 **Descending Thoracic Aortic Dissection with Retro-Esophageal Right Brachiocephalic Anomalous Treated with an Endovascular Separated Aortic Stent Graft—A Case Report:** Hananto Adriantoro, MD, FICA, *National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.*

11:15 **Ischemia of the Left Upper Extremity Following Thoracic Endovascular Aortic Repair in Patients with Anomalous Origin of the Left Vertebral Artery:** RWM Kaligis, MD, FICA, *National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.*

11:25 **Interventional Management of Stroke:** Horia Marin, MD, *Henry Ford Health System, Detroit, Michigan.*

11:35 **A Huge Abdominal Aortic Aneurysm (AAA) with a Tortuous Delivery Vessel Treated with a Separated Stent Graft System:** I. Sunu, MD, FICA, *National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.*

**Questions and Answers with Audience Participation**

**Tuesday, October 19, 2010**

12:00 PM – 1:00 PM

Nineteenth Scientific Session

**Can We Predict Mechanisms of Aneurysm in Humans from Animal Models?  
A Special Luncheon Session**

This special session is devoted to the mechanisms of aortic aneurysms in animal models, and the prediction of the mechanisms of aneurysms in humans using animal models.

**Introduction By:**

**Thomas F. Whayne, Jr., MD, PhD, FICA**

Professor of Medicine; Vice President, International College of Angiology; Co-Chairman, Membership Committee, International College of Angiology; Editor, *International Journal of Angiology*; Co-Chairman, Local Organizing Committee, 52<sup>nd</sup> Annual World Congress, International College of Angiology; Division of Cardiovascular Medicine, University of Kentucky College of Medicine, Lexington, Kentucky.

**Presentation By:**

**Alan Daugherty, PhD, DSc**

Committee Member, Local Organizing Committee, 52<sup>nd</sup> Annual World Congress, International College of Angiology; Senior Associate Dean for Research, UK College of Medicine; Director, Saha Cardiovascular Research Center; Gill Foundation Chair in Preventative Cardiology, Lexington, Kentucky.

**Questions and Answers with Audience Participation**

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1:00 PM – 3:00 PM

Twentieth Scientific Session

**Preventative Cardiology**

This session deals with measure to prevent cardiovascular diseases with emphasis on atherosclerosis, smoking, and physical inactivity.

**Moderators:**

**RWM Kaligis, MD, FICA**

Head, Vascular Division, Department of Cardiology and Vascular Medicine, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia; Member, Vascular Unit, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

**Joseph Veselka, MD, PhD, FESC, FSCAI, FICA**

Professor of Medicine; Editor, *International Journal of Angiology*; Chief, Cardiovascular Center, University Hospital Motol, Prague, Czech Republic.

•

- 1:00 **Current Status of Atherosclerosis Prevention:** Thomas F. Whayne, Jr., MD, PhD, FICA, *University of Kentucky College of Medicine, Lexington, Kentucky.*
- 1:10 **The Effectiveness of Structured Cardiac Rehabilitation (CR) to Improve Physical Activity in the Secondary Prevention of Coronary and Peripheral Artery Disease:** Andrea Gyöngy, MSc, FICA, *Institute of Cardiovascular Prevention and Rehabilitation, Locarno, Switzerland.*
- 1:20 **Stop Smoking—The Best Therapy against Atherosclerotic Artery Disease:** Mauro Capoferri, MD, *Cardiocentro Ticino, Lugano, Switzerland.*
- 1:30 **Meet the Experts—WALKING—How I Do It:** Andrea Gyöngy, MSc, FICA; Franziska Gyöngy, MSc; Andrea Bronz; Mauro Capoferri, MD, *Institute of Cardiovascular Prevention and Rehabilitation, Locarno, Switzerland.*
- 2:10 **Meet the Experts—RUNNING—How I Do It:** Franziska Gyöngy, MSc; Andrea Gyöngy, MSc, FICA; Andrea Bronz; Mauro Capoferri, MD, *Institute of Cardiovascular Prevention and Rehabilitation, Locarno, Switzerland.*

**Questions and Answers with Audience Participation**

• **END OF SCIENTIFIC SESSIONS** •

7:00 pm

**Farewell Dinner—Buffalo Trace Bourbon Distillery**



# 53<sup>rd</sup> Annual World Congress • ICA 2011

## International College of Angiology

# Save the Date



Bali ~ The Island of Paradise ~ Indonesia  
September 18-20, 2011  
Grand Hyatt Nusa Dua Bali



Join your colleagues from around the world, earn CME, and explore key areas rapidly expanding in cardiovascular medicine and surgery. ICA 2011 is designed to meet the specific educational needs of medical professionals involved with the management and treatment of cardiovascular diseases as they are encountered by primary care physicians, vascular, general, thoracic and cardiovascular surgeons, cardiologists, interventional radiologists, neuroradiologists, fellows and residents of the above specialties, vascular biologists and their staff, and nurses.

The objective of the Annual World Congress is to offer a serious academic forum to those physicians and allied healthcare personnel interested in research, education, and clinical investigation in the field of cardiovascular medicine and surgery. The congress is intended to provide an in-depth review of the spectrum of topics related to the management and treatment of patients with cardiovascular and vascular disease. Special emphasis will be placed upon evolving trends, therapies, and minimally invasive treatment of cardiovascular disease.

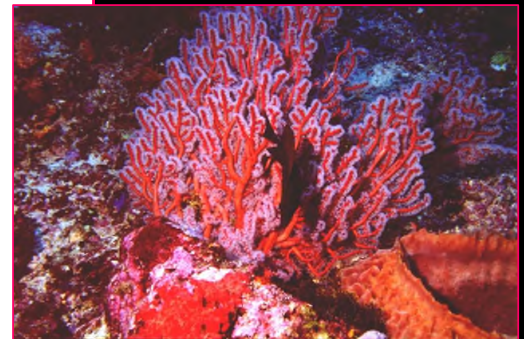
This annual world congress will feature an internationally renowned faculty, and recognized leaders will discuss state-of-the-art techniques in the diagnosis and treatment of vascular disease. Live video case presentations, didactic lectures, panel discussions, debates, and question and answer sessions will highlight the most challenging, and controversial topics and procedures performed in interventional medicine. We encourage all of our colleagues to participate in this growing educational program by submission of a formal abstract for a standard oral, poster, or video presentation.

The 2011 program will focus on surgical, percutaneous, and medical management. From peripheral vascular disease to coronary and cerebrovascular disease and abdominal aortic aneurysm, this congress will offer a comprehensive review of what is new in techniques, approaches, and prevention.

#### Program Highlights

- Advances in Endovascular and Interventional Procedures—Tips and Tricks
- Carotid Arterial Interventions—CEA vs. CAS
- Advances—Controversies—Latest Concepts in Cardiovascular Medicine and Surgery
- Debates in Cardiovascular Medicine
- The Future of Wound Care
- Up-to-Date Techniques for the Treatment of Peripheral Vascular Disease—Techniques and Results
- Contemporary Treatment in Venous Disease
- Thoracic Arch—AAA—Open Procedure vs. Stent vs. Hybrid or Combined?
- Preventive Cardiology—Atherosclerosis—Risk Management—Prevention and Innovative Alternative Medicines
- Young Investigator Award Competition—Your Glory or Disaster—Video Presentations
- Oral, Video, and Poster Presentation Sessions

*This Congress is jointly sponsored by the Indonesian Society of Vascular Medicine, Indonesian Heart Association, and the Medical Society of the State of New York*



Island of the Gods



# ICA Research & Education Foundation

## *Searching For A Cure For Blood Vessel Disease*

*Join us in sharing a commitment to improving the future of cardiovascular care by research and education*

Most leading causes of death in the modern world are related to blood vessel pathology. The field of cardiovascular medicine and surgery (*angiology*) is the field that deals with preventing, diagnosing, and treating vascular and blood vessel related diseases.

With an increased burden of vascular disease in our aging population, the ongoing convergence of physicians with interest in cardiovascular medicine and surgery is paramount.

In order for critical advancements to take place in our specialty, the continued quest for knowledge in both research and education is of the utmost importance.

The **International College of Angiology** and its renowned international leadership, is embarking on an international initiative—**The ICA Research and Education Foundation**. This combined international effort will reach out to our membership at-large, as well as our scientific and corporate community, to generate the essential resources needed to facilitate research and education.

*The ICA Research and Education Foundation is the charitable foundation of the International College of Angiology (ICA). The Foundation's mission is to improve cardiovascular care by research and education.*

### **Mission Statement**

This Foundation is committed to advancement of research and development of socioeconomic issues, and is dedicated to establishing educational programs appropriate to practicing physicians and surgeons. The Endowment Research and Education Foundation of the College will proactively seek support for education, basic and clinical research, and explore key areas to generate vital resources to provide a forum for education, leading the practitioner into the future of an ever evolving field of cardiovascular diseases. The ultimate goal of the College is to improve healthcare delivery through various avenues of dissemination of knowledge.

Since its inception in May 2009, the ICA Research and Education Foundation would like to thank the following donors for their gifts:

### **Member Gifts**

#### **Platinum Level - \$25,000+**

John B. Chang, MD  
Lucy J. Chang, MD  
Sibu P. Saha, MD, MBA  
Rajinder P. Sharma, MD

#### **Bronze Level/Leadership Circle - \$1,000+**

David G. Stanley, MD  
Thomas F. Whyne, Jr., MD, PhD  
Malka Yahalom, MD, DSc

#### **Foundation Contributors**

Robert Albrecht, MD  
Randall W. Franz, MD

## NOTES



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