



60<sup>th</sup> Anniversary World Congress—ICA 2018  
International College of Angiology

In conjunction with

13<sup>th</sup> Japan Endovascular Symposium

*“The Beginning and Challenges of ICA Post John B. Chang, MD Era”*



**August 20-21, 2018**

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Tokyo, Japan**

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# International Journal of Angiology

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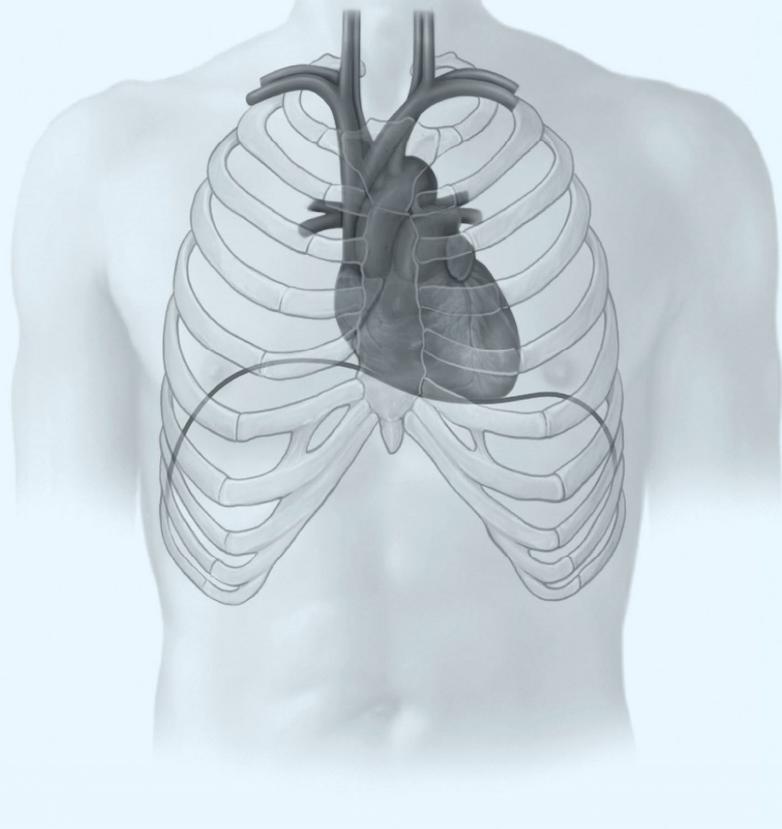
John A. Elefteriades, MD, FICA

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Angiology

An Official Journal of the  
International College of  
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**60<sup>th</sup> Anniversary World Congress - ICA 2018**  
**International College of Angiology**  
**In conjunction with**  
**13<sup>th</sup> Japan Endovascular Symposium**

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David Wilkinson, M.B., Ch.B. (1988)  
Simon Ashley, B.M., FRCS (1989)  
G. Galloni, M.D. (1989)  
Tony Katras, M.D. (1989)  
Dimitrios N. Psathakis, M.D. (1989)  
Joseph F. Polak, M.D. (1989)  
Daniel Duprez, M.D., Ph.D. (1991)  
Philippe Bull, M.D. (1992)  
Patricia Cristodor, M.D. (1992)  
Manfred Grisold, M.D. (1992)  
Bruno Papaleo, M.D. (1992)  
F.C. Rada, M.D. (1992)  
Patricia Amado, M.D. (1993)  
Jutta Berglöff, M.D. (1993)  
Claudia Dimofte, M.D. (1993)  
Antti Korpela, M.D. (1993)  
R.S. More, MRCP (1993)  
Antero Sahlman, M.D. (1993)  
I. Schafhalter, M.D. (1993)  
Nilanjana Maulik, Ph.D. (1994)  
J. Melicherck, M.D. (1994)  
Robert W. Chang, B.S. (1995)  
T. Ikonen, M.D. (1995)  
A.R.J. Rajakumar, M.B.B.S. (1995)  
Satoshi Sakai, M.D. (1996)  
Bernd Wolfgarten, M.D. (1996)  
Gernold Wozniak, M.D. (1996)  
Jalal Zamani, M.D. (1996)  
Sabine Horn, M.D. (1997)  
Roberto Baglini, M.D. (1997)  
Maziar Rahmani, M.D. (1997)

Sailaritta Vuorisalo, M.D., Ph.D. (1998)  
Atsushi Ishida, M.D., Ph.D. (1999)  
Dai Wangde, M.D. (1999)  
Wolf Drescher, M.D. (2000)  
Takashi Yamaki, M.D. (2000)  
Mitsuhiro Yamamura, M.D. (2000)  
Paul Lee, Ph.D. (2001)  
Thomas Zeller, M.D. (2001)  
Shoji Fukuda, M.D., Ph.D. (2002)  
Rossella DiStefano, M.D. (2003)  
Randy A. Stevens, M.D. (2004)  
Nadia Cosentino, M.D. (2005)  
Erick McNair, M.Sc. (2005)  
Manika Das, Ph.D. (2006)  
Suresh Varma Penumathsa (2006)  
Mahesh Thirunavukkarasu (2006)  
Joseph F. Ndisang, PharmD, PhD (2007)  
Ramesh Vidavalur, M.D. (2007)  
Aruna Poduri, Ph.D. (2010)  
John Samas, M.D. (2010)  
Xuan Zhang, B.S. (2010)  
Jang Yong Kim, M.D. (2011)  
Ivy Cheng, B.S. (2013)  
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Brandon Sumpio (2013)  
Sisca Natalia Siagian, M.D. (2015)  
Jakub Honek, M.D. (2016)  
Pavol Tomasov, M.D. (2016)  
Denisa Jahnlova, M.D. (2016)  
Christopher F. Tanga, D.O. (2017)  
Cyril Štěchovský, M.D. (2017)

## Professor John B. Chang Research Achievement Award Recipients

Kailash Prasad, M.D., Ph.D. (1995)  
Zhong Gao Wang, M.D. (1996)  
Vikrom S. Sotturai, M.D., Ph.D. (1997)  
Pertti T. Aarnio, M.D., Ph.D. (1998)  
Kensuke Esato, M.D. (1999)  
Bauer E. Sumpio, M.D. (2000)  
Jose Alemany, M.D. (2001)  
Hendrick B. Barner, M.D. (2002)  
Tatsuki Katsumura, M.D., Ph.D. (2003)  
John A. Eleftheriades, M.D. (2004)  
Francis Robicsek, M.D. (2005)

John D. Corson, M.B., Ch.B. (2006)  
Sibu P. Saha, M.D., MBA (2009)  
Victor A. Ferraris, M.D., Ph.D. (2010)  
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## ICA Lifetime Achievement Award

Kailash Prasad, MBBS (Hons), M.D., Ph.D., D.Sc. (2015)  
John B. Chang, M.D. (Posthumously 2016)

# 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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### **Noriko Fujii**

N-Practice Co., Ltd., Osaka, Japan.

## 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.

<u>Year</u>		<u>Venue</u>
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
2010	52 <sup>nd</sup> Annual World Congress	Lexington, Kentucky
2011	53 <sup>rd</sup> Annual World Congress	Bali, Indonesia
2012	54 <sup>th</sup> Annual World Congress	Innsbruck, Austria
2013	55 <sup>th</sup> Annual World Congress	New Haven, Connecticut
2014	56 <sup>th</sup> Annual World Congress	Columbus, Ohio
2015	57 <sup>th</sup> Annual World Congress	Jakarta, Indonesia
2016	58 <sup>th</sup> Annual World Congress	Prague, Czech Republic
2017	59 <sup>th</sup> Annual World Congress	Vienna, Austria
2018	60 <sup>th</sup> Anniversary World Congress	Tokyo, Japan

# 60<sup>th</sup> Anniversary World Congress—ICA 2018

## In conjunction with

### 13<sup>th</sup> Japan Endovascular Symposium

### General Program Information

#### Congress Description/Objectives

The overall mission of the 60<sup>th</sup> Anniversary World Congress of the International College of Angiology is to bring together basic and clinical scientists to share 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 program will provide a forum for the synthesis of *State-of-the-Art* information that encompasses the pathophysiology, clinical diagnosis, and treatment of cardiovascular 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. **The theme of the 60<sup>th</sup> Anniversary World Congress of the ICA in conjunction with 13<sup>th</sup> Japan Endovascular Symposium is “The Beginning and Challenges of ICA Post John B. Chang, MD Era.”**

This Congress is designed 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 diseases. The congress is intended to provide an in-depth review of the spectrum of topics related to the management and new treatment modalities, including diagnosis, assessment, intervention, risk factors management and surgery.

The global goal of this Congress and Symposium are to communicate a commitment by providing needs-based education that is independent of commercial interests and foster changes in target audience knowledge, competence and performance to ultimately improve patient outcomes.

At the conclusion of this activity, the attendees should be more confident in their ability to:

1. Examine concepts related to cardiovascular diseases.
2. Discuss strategies to improve patient outcomes in managing cardiovascular diseases.
3. Analyze treatment strategies that involve complex patient situations with multiple contributing risk factors.

#### Learning Objectives

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

- Describe 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 cardiovascular 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.
- Define the treatment options of patients with abdominal aortic aneurysms to minimize morbidity and mortality.
- 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 nationally and internationally recognized invited guest lectures, special symposia, oral and poster presentations and exhibits, highlighting the most challenging and controversial topics and 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 questions and answers between the presenters and the audience.

#### Disclaimer

The information provided at this CME activity is for continuing education purposes only, and not meant to substitute for independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient's medical condition.

#### Instruction to Speakers

We remind speakers presenting submitted oral papers, their presentations are limited to ten (10) minutes with an invited discussion following the session. Speakers presenting submitted electronic poster presentations must limit their presentation to seven (7) minutes. **All presentations (ORAL and POSTER) are to be given in PowerPoint. Speakers are required to submit their presentations via E-Mail to our Executive Director NO LATER THAN 11 August 2018. 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. SPEAKERS MAY VIEW THEIR PRESENTATIONS UP TO 30-MINUTES PRIOR TO THEIR SESSION.**

#### Name Badges

Please obtain your Congress name badge and all congress materials at the Registration Desk located in **Jikei University School of Medicine, Lecture Hall 1 Lobby, 3<sup>rd</sup> Floor**. We ask that you wear your name badge at all group sponsored functions. It will help you get acquainted with your colleagues.

## Venue

### JIKEI UNIVERSITY SCHOOL OF MEDICINE

3-25-8 Nishi-Shimbashi  
Minato, Tokyo 105-8461, Japan

The venue for our 60<sup>th</sup> Anniversary World Congress is **Jikei University School of Medicine, Tokyo.**

The Nishi-Shimbashi Campus is about a 3-minute walk from [Onarimon Station](#) and about a 10-minute walk from [Uchisaiwaichō Station](#) both on the [Toei Mita Line](#). It is about a 7-minute walk from [Kamiyachō Station](#) on the [Tokyo Metro Hibiya Line](#) and about a 10-minute walk from [Toranomon Station](#) on the [Tokyo Metro Ginza Line](#). The nearest JR station, [Shinbashi Station](#), is about 12 minutes away on foot.

Jikei University School of Medicine is approximately 0.80 km (0.50 miles) in distance from the Hotel Okura.

## Registration Desk Hours

The registration desk for the duration of the congress will be located on the 3<sup>rd</sup> Floor (3F) of Jikei University School of Medicine.

**Monday, 20 August** 08.00 h. – 17.00 h.  
**Tuesday, 21 August** 08.00 h. – 15.00 h.

## Scientific Sessions

Please refer to the “**Schedule-At-A-Glance**” for room assignment of all Symposiums, Special Lectures, Oral Presentations and e-Poster Presentations. **All congress sessions will be held at Jikei University School of Medicine, Nishi-Shimbashi Campus.**

## Messages

We request all meeting participants to turn off or lower their cellular telephones, or utilize their “vibrate” feature on the cellular telephone.

## Faculty Disclosure Policy

In accord with ACCME standards, the ICA has adopted the same policies for its programs, whereby the ICA must insure balance, independence, objectivity, and scientific rigor in all educational activities they sponsor. Faculty and planners participating in sponsored activities must disclose any significant financial interests or other relationships. Any potential conflicts of interest will be resolved and revealed in the course syllabus.

## Hotel Accommodations

We recommend the **Hotel Okura, Tokyo, Japan** during your stay in Tokyo, as it is within close proximity to Jikei University. Hotel accommodations are to be booked directly with the **Hotel Okura**, via their website: <http://www.hotelokura.co.jp/tokyo/en/>

### Hotel Okura

2-10-4 Toranamom, Minato-ku  
Tokyo 104-0001  
Tel. +81.03.3582.0111

## Additional Hotels

The following hotels are within a short distance to the Congress venue, Jikei University, should you wish accommodations other than the Hotel Okura.

**Tokyo Prince Hotel:** (10 minute walk) <http://www.princehotels.com/tokyo/>  
**Celestine Hotel:** (10 minute taxi) <http://www.celestinehotels.jp/tokyo-shiba/eng/access/>  
**Shiba Park Hotel:** (10 minute taxi) <http://en.shibaparkhotel.com/location/>  
**Tokyo Grand Hotel:** (10 minute taxi) [http://www.tokyogrand.gr.jp/eng/access\\_index.html](http://www.tokyogrand.gr.jp/eng/access_index.html)

**60<sup>th</sup> Anniversary World Congress • International College of Angiology 2018  
in conjunction with  
13<sup>th</sup> Japan Endovascular Symposium**

**Local Organizing Committee—Welcome Address**



**Professor Takao Ohki, MD, PhD, FICA**  
Chairman, Department of Surgery  
Professor and Chief, Division of Vascular Surgery  
Jikei University School of Medicine, Tokyo, Japan  
Member, Board of Directors, International College of Angiology  
Chairman, Local Organizing Committee, 60<sup>th</sup> Anniversary World Congress  
Editor, *International Journal of Angiology*



**Koji Maeda, MD, PhD**  
Department of Surgery  
Division of Vascular Surgery  
Jikei University School of Medicine, Tokyo, Japan  
Co-Chairman, Local Organizing Committee  
60<sup>th</sup> Anniversary World Congress

It is of my utmost pleasure and honor to be able to host the 60<sup>th</sup> International College of Angiology (ICA) in Tokyo, Japan. It was the late Dr. John B. Chang who appointed me as the local organizing chairman in October 2015 during the 57<sup>th</sup> ICA meeting held in Jakarta, Indonesia. Dr. Chang passed away only 2 months after this meeting, and therefore, as far as the ICA is concerned, the 60<sup>th</sup> ICA is Dr. Chang's last word/will and I am the testamentary executor. With this in mind, we decided the theme of the 60<sup>th</sup> annual meeting to be "The Beginning and Challenges of ICA Post John B. Chang, MD".

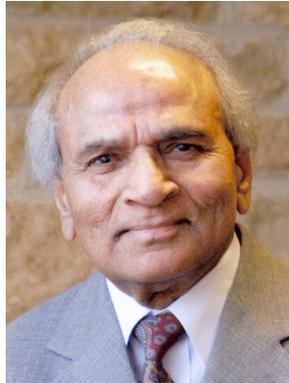
The meeting will run from Monday August 20<sup>th</sup> through Tuesday 21<sup>st</sup> with 4 symposiums, 5 sponsored sessions, 5 memorial lectures and numerous free abstracts from 12 different countries. In addition, the meeting will be held jointly with the 13<sup>th</sup> Japan Endovascular Symposium which will run from Wednesday through Friday.

The annual meeting will be held at Jikei University located in the central part of Tokyo, one of the most exotic cities in the World and getting better with the preparation of the 2020 Tokyo Olympics.

The ICA organizing committee is doing its utmost best to make this congress a fruitful and memorable trip for all participants, because that is the best way to express our appreciation and respect to Dr. Chang whom we owe so much.

We look forward to welcoming you in Tokyo.

**60<sup>th</sup> Anniversary World Congress • International College of Angiology 2018  
in conjunction with  
13<sup>th</sup> Japan Endovascular Symposium  
Program Chairman's Welcome Address**



**Kailash Prasad, MBBS (Hons), MD, PhD, DSc, FRCPC, FACC, FIACS, FICA  
Professor Emeritus, Department of Physiology, College of Medicine  
University of Saskatchewan, Saskatoon, Canada**

On behalf of the International College of Angiology, it gives me great pleasure to welcome all of you to the 60<sup>th</sup> Anniversary World Congress in Tokyo. We are grateful to the participants who have come here to exchange their experience in the management of cardiovascular diseases.

This two-day congress will provide an excellent opportunity to discuss at length the latest development and emerging challenges in the field of angiology. We are pleased to have highly respected and world renowned speakers taking part in this congress. During the congress you will have ample opportunity to interact with fellow clinicians and scientists in an endeavour to advance the knowledge for patient care. This Annual World Congress will provide an opportunity for networking, as well as to renew old friendships and make new ones. On your behalf and ours, I want to give a hearty thanks to Professor Takao Ohki the Chairman of the Local Organizing Committee and his colleagues for their time, energy and dedication to make this congress a wonderful and successful event.

Again, it is with a deep sense of pride and honour that I, on behalf of the International College of Angiology, welcome all of you and wish you a delightful and stimulating week here in Tokyo.

Sincerely,

Kailash Prasad, MBBS (Hons), MD, PhD, DSc, FRCPC, FACC, FIACS, FICA  
Chairman, Board of Directors  
Program Chairman

**60<sup>th</sup> Anniversary World Congress • International College of Angiology 2018**  
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**Message from the ICA President**



**Ernesto P. Molmenti, MD, PhD, MBA, FICA**  
**Vice Chairman, Department of Surgery, North Shore University Hospital**  
**Director, Adult & Pediatric Renal Transplantation**  
**Professor of Surgery and Medicine**  
**Northwell Health, Manhasset, New York, USA**  
**President and Member, Board of Directors, International College of Angiology**

Dear Fellows, Invited Guests and Congress Participants,

Rather than writing a long address that few of us will read, and even less would enjoy, I decided to borrow a few thoughts from many bright minds that preceded me in time and surpassed me in achievements.

I hope that these scattered sentences (that I obtained from various sources and cannot claim as mine by any means) represent what many of us believe and try to fulfil.

- We never reach our goal but are rather always in the process of becoming.
- We have to constantly challenge destiny.
- Faith and courage achieve great deeds when committed to our ideals.
- We achieve our ideals when our goals are worthy.
- Our goals are worthy when we believe in ourselves and stand firm in our beliefs.
- We stand firm in our beliefs when we choose the harder right over the easier wrong, and the long-lasting beautiful truth over the short-lived deceiving falsehood.
- We not only improve ourselves to compete, but also compete to improve ourselves, maximizing our strengths and developing new ones.
- We cannot, must not, and will not turn our back on those in need. Open the window for the fly trying to get out. The world is big enough for all of us.
- The best way to possess is to give. What we cannot give will possess us. We should be free and only have temporary custody of material objects while they help us achieve our goals.
- Cross-roads, seemingly devoid of purpose, are instances to re-invigorate our goals, to re-awaken ourselves, to fortify even more the intensity of our actions and the power of our resolve.
- We need to re-invent ourselves over time. There are times to persist in our goals, times to modify our goals, and times to adopt new goals.
- Those who try to dissuade and distract us from our goals should know that we are already on our way, and that victory is waiting for us.
- We cannot limit ourselves to live limited lives guided by limited ambitions. We should live a continuous spring of hope, unafraid, unsurpassed, laughing, embracing optimism, searching for opportunities to grow and be better.
- There will always be a bright morning ahead in our journey.
- Let's have courage to dream heroic dreams, and strength to make those dreams come true.

Sincerely,

Ernesto P. Molmenti, MD, PhD, MBA, FICA  
President, International College of Angiology  
Vice Chairman, Department of Surgery  
North Shore University Hospital  
Director, Adult & Pediatric Renal Transplantation  
Professor of Surgery and Medicine  
Northwell Health, Manhasset, New York, USA

SCIENTIFIC PROGRAM-AT-A-GLANCE—ICA 2018

MONDAY, 20 AUGUST 2018

TUESDAY, 21 AUGUST 2018

MONDAY, 20 AUGUST 2018		TUESDAY, 21 AUGUST 2018	
09.00 09.10	<b>OPENING CEREMONY—INTRODUCTIONS</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i> <i>Master of Ceremonies</i> Takao Ohki, Japan	08.30 09.20	<b>COOK VASCULAR SYMPOSIUM—EVAR &amp; SFA TREATMENTS</b> <i>(Co-Sponsored by Cook Japan)</i> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i>
	<b>WELCOME ADDRESS</b> Fujio Mitarai, Chairman & CEO, Canon, Inc.		<b>MORNING SEMINAR</b> <b>COOK VASCULAR SYMPOSIUM—EVAR &amp; SFA TREATMENTS</b> <i>(Co-Sponsored by Cook Japan)</i> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i>
09.10 09.30	<b>PRESIDENTIAL ADDRESS</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i>  <i>Chairperson:</i> Kailash Prasad, Canada Takao Ohki, Japan		<b>Chairperson:</b> Shigeo Ichihashi, Japan Naoki Fujimura, Japan Tatsuya Nakama, Japan
	<b>The Endovascular Revolution at Jikei and in Japan</b> Takao Ohki, Japan	09.20 09.50	<b>ORATION LECTURES</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i>
09.30 10.15	<b>MEMORIAL LECTURES</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i> <i>Chairpersons:</i> Takao Ohki, Japan Kailash Prasad, Canada		<b>Chairpersons:</b> Nobuyoshi Azuma, Japan Takao Ohki, Japan
09.30 09.45	<b>Setting a New Direction in the Development of Disease: AGE-RAGE Stress—Prof. John B. Chang Memorial Lecture</b> Kailash Prasad, Canada	09.20 09.35	<b>Thoracic Aortic Aneurysms: Practical Genetics for the Surgeon—Prof. Kailash Prasad</b> Oration Lecture John A. Elefteriades, USA
09.45 10.00	<b>Spontaneous Coronary Artery Dissection (SCAD)—Current State of Diagnosis and Management—Prof. Albert Senn Memorial Lecture</b> Otmir M. Pachinger, Austria	09.35 09.50	<b>Scrutinizing the General Applicability of the CE Approved Chimney Procedure for Short Neck and Juxtarenal Aortic Pathologies—109 Fenestrated Endovascular Aneurysm Repair Cases Revisited—Prof. Otmir M. Pachinger Oration Lecture</b> Jurgen Falkensammer, Austria
10.00 10.15	<b>Composition of Carotid Stenosis and Restenosis—Prof. Hans J. Hachen Memorial Lecture</b> Josef Veselka, Czech Republic	09.50 10.20	<b>HOT TOPICS IN ANGIOLOGY 2</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i>
10.15 11.00	<b>HOT TOPICS IN ANGIOLOGY 1</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i> <i>Chairpersons:</i> Hiroshi Shigematsu, Japan Wei Zhou, USA		<b>Chairpersons:</b> Hideyuki Shimizu, Japan Josef Veselka, Czech Republic
10.15 10.30	<b>Key Messages of the ESVS Mesenteric Ischemia Guidelines</b> Martin Björck, Sweden	09.50 10.05	<b>In-Hospital Based Outcomes of STEMI after Application of a Regional STEMI Network in the Metropolitan Area of a Developing Country</b> Iwan Dakota, Indonesia
10.30 10.45	<b>Overview of the 59<sup>th</sup> Annual Meeting of the Japanese College of Angiology in Hiroshima</b> Masao Yoshizumi, Japan	10.05 10.20	<b>Emerging Models of Cardiothoracic Surgical Training: Challenges and Opportunities</b> Sibu Saha, USA
10.45 11.00	<b>The Development Status and Trend of JSVS</b> Tetsuro Miyata, Japan	10.20 10.30	<b>BREAK</b> <i>Exhibition Hall 7F</i>
11.00 11.15	<b>BREAK</b> <i>Exhibition Hall 7F</i>	10.30 11.30	<b>ORAL SESSION 3</b> <b>CORONARY VEINS, ETC.</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i>
11.15 11.55	<b>ORAL SESSION 1</b> <b>CRITICAL LIMB ISCHEMIA</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i> <i>Chairpersons:</i> Katsuyuki Hoshina, Japan Randall W. Franz, USA		<b>Chairpersons:</b> Hiroyuki Ishibashi, Japan Otmir M. Pachinger, Austria <b>Commentators:</b> Kuniomi Ooi, Takahiro Ohmire, Akira Miyamoto, Takumi Yasugi, Japan
11.15 11.25	<b>New Evaluation Method for Critical Lower Limb Ischemia using Laser Blood-Flowmeter BFD Clinical Lab</b> Sotaro Katsui, Japan	10.30 10.40	<b>Results of Open and Endovascular Surgery for the Treatment of Renal Artery Aneurysms</b> Yuri Murakami, Japan
11.25 11.35	<b>Undesirable Vascular Response during Peripheral Angioplasty in Systemic Lupus Erythematosus</b> Vito Anggarino Damay, Indonesia	10.40 10.50	<b>The Interplay of AGE-RAGE Axis in Coronary Stent Restenosis: A Prospective Study</b> Erick McNair, Canada
11.35 11.45	<b>Current Management of Chronic Mesenteric Ischemia</b> David Epstein, USA	10.50 11.00	<b>Internal Jugular Venous Flow in Cerebral Small Vessel Disease: A Study on White Matter Hyper-intensities and Cognitive Dysfunction</b> Zulfa Indah K. Fadhly, Indonesia
		11.00 11.10	<b>Rivaroxaban for Managing Recurrent Venous Thromboembolism in Venous Filter Thrombosis and Malignancy</b> Yeo Zhi Ta Alan, Singapore
		11.10 11.20	<b>Novel Oral Anticoagulants for Managing Recurrent Venous Thromboembolism in Malignancy—A Case Series:</b> Benedict Cesar I. Azucena, Singapore

SCIENTIFIC PROGRAM-AT-A-GLANCE

11.45 11.55	Malondialdehyde Induces a Pro-Inflammatory Activation of T-Cells from Human Atherosclerotic Plaque through both a Dependent and Independent Mechanism Mizanur Rahman, Sweden	11.20 11.30	Status of Cardiovascular Medicine Associated with Commercial and Recreational Underwater Diving Thomas F. Wayne, Jr., USA
11.55 12.35	<b>ORAL SESSION 2 ENDOVASCULAR TREATMENT</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i>	11.30 11.40	Aortic Wall Enhancement—Possibility of a New Prognostic Indicator Eisaku Ito, Japan
11.55 12.05	<b>Chairpersons:</b> Yuji Kanaoka, Japan Sibu P. Saha, USA <b>Commentators:</b> Masanori Inoue, Kunihiro Shigematsu, Nobuya Zempo, Takashi Murakami, Japan	11.40 11.50	<b>BREAK</b> <i>Exhibition Hall 7F</i>
12.05 12.15	<b>Restoration of Vision by Endovascular Reperfusion in Takayasu's Arteritis—Case Series</b> Sanjay Tyagi, India	11.50 12.40	<b>LUNCHEON SEMINAR 2</b> <i>(Co-Sponsored by Sumitomo Bakelite Co., LTD)</i>
12.05 12.15	<b>Open Surgery versus Hybrid Endovascular Treatment for Complete Revascularization in Infrarenal Aortoiliac Occlusive Disease</b> Won-Min Jo, South Korea	<b>Next Generation Thoracic Stent Graft—Early Clinical Experience and Future Horizons</b> Sung Gwon Kang, MD, Japan Reo Takizawa, Japan	
12.15 12.25	<b>Endovascular Intervention after Infected Open Revascularization</b> Richard Schutzer, USA	12.40 12.50	<b>BREAK</b> <i>Exhibition Hall 7F</i>
12.25 12.35	<b>Early and Mid-Term Outcomes of Primary Carotid Endarterectomy</b> Robert Hacker, USA	12.50 14.20	<b>SYMPOSIUM 3 TAA</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i>
12.35 12.45	<b>BREAK</b> <i>Exhibition Hall 7F</i>	<b>Chairpersons:</b> Ikuo Fukuda, Japan Jürgen Falkensammer, Austria <b>Commentators:</b> Yukio Obitsu, Tomoyasu Sato, Naoki Hayashida, Kinya Matsui, Japan	
12.45 13.35	<b>LUNCHEON SEMINAR 1</b> <i>(Co-Sponsored by W.L. Gore &amp; Associates Co. LTD)</i>	12.50 13.05	<b>Four Reasons we Should Intervene Earlier with Ascending Aortic Aneurysms</b> John A. Elefteriades, USA
<b>The Value of Excluder IBE—Preservation of IIA and Prevention of Type Ib Endoleak</b> Masayuki Hara, Japan Martin Björck, MD, PhD, Sweden		13.05 13.20	<b>Effect of Stroke Prevention Techniques in Hybrid Aortic Arch Repair</b> Masaaki Kato, Japan
<b>The Price of Sacrificing the Internal Iliac Artery Blood Flow—What Have we Learned from Clinical Experiences and Who Do the Clinical Practice Guidelines Recommend?</b>		13.20 13.35	<b>Proximal Bare Stent May Reduce Bird-Beak Configuration which is Associated with Distal Migration of Stent Grafts in the Aortic Arch</b> Hiroshi Banno, Japan
13.35 13.40	<b>BREAK</b> <i>Exhibition Hall 7F</i>	13.35 13.50	<b>Surgical Intervention after TEVAR: Strategy and Outcome—Tokyo Medical University-Cardiovascular Surgery</b> Hitoshi Ogino, Japan
13.40 14.40	<b>ABDOMINAL AORTIC ANEURYSMS</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i>	13.50 14.05	<b>Double Barrel Stent Graft to Shorten Aortic Coverage in Endovascular Treatment of Thoracoabdominal Aneurysm (TAAA)</b> Piotr M. Kasprzak, Austria
<b>Chairpersons:</b> Makoto Sumi, Japan John A. Elefteriades, USA <b>Commentators:</b> Noritake Akaba, Takahiro Ohmine, Wataru Higashiura, Japan		14.05 14.20	<b>Segmental Artery Coil Embolization prior to Extensive Thoracic and Thoracoabdominal Endovascular Aortic Repair</b> Takashi Murakami, Japan
13.40 13.55	<b>Endoleak Management after EVAR</b> Shigeo Ichinashi, Japan	14.20 15.10	<b>TEATIME SEMINAR 2</b> <i>(Co-Sponsored by Japan Lifeline Co., LTD)</i>
13.55 14.10	<b>Early Sac Shrinkage is a Good Surrogate Marker of Durable Success after Endovascular Repair in Japanese Patients</b> Naoki Fujimura, Japan	<b>Chairperson:</b> Hideaki Obara, Japan <b>Features and Utilities of AFZ Stent Graft System</b> Hiroshi Banno, Japan <b>In-Vitro Evaluation of a Suitable Proximal Neck Length for Snorkel EVAR with AFZ Infra-Renal Cuff:</b> Kenjiro Kaneko, Japan	
14.10 14.25	<b>A Multicenter Experience with Abdominal Aortic Endograft Infections in Japan</b> Hideaki Obara, Japan	15.10 15.25	<b>BREAK</b> <i>Exhibition Hall 7F</i>
14.25 14.40	<b>EVAR for Ruptured Abdominal Aortic Aneurysms</b> Hidemitsu Ogino, Japan	15.25 16.10	<b>SYMPOSIUM 4 CRITICAL LIMB ISCHEMIA</b> <i>Lecture Hall 1, 3<sup>rd</sup> Floor</i>
14.40 15.30	<b>TEATIME SEMINAR 1</b> <i>(Co-Sponsored by Canon Medical Systems Corporation)</i>	<b>Chairpersons:</b> Kimihiko Komori, Japan Jackie P. Ho, Singapore <b>Commentators:</b> Shin Ishimaru, Yoshinori Inoue, Hiroyoshi Komai, Yoichi Nozaki, Japan	



**60<sup>th</sup> Anniversary World Congress • International College of Angiology 2018**  
in conjunction with



**13<sup>th</sup> Japan Endovascular Symposium**  
**Jikei University School of Medicine**  
**Tokyo, Japan**  
**August 20-21, 2018**

**Scientific Program**  
**Monday, 20 August 2018**  
**09.00 h. – 09.10 h.**

**Opening Ceremony and Welcome Address**

**Master of Ceremonies**

**Introduction By:**

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

Chairman, Department of Surgery and Professor and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan; Member, Board of Directors; Editor, *International Journal of Angiology*.

**Program Chairman and Chairman, Board of Directors**

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

Professor Emeritus, Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Chairman, Board of Directors, and Program Chairman, 60<sup>th</sup> Anniversary World Congress, International College of Angiology; Consulting Editor, *International Journal of Angiology*.

**President**

**Ernesto P. Molmenti, MD, PhD, MBA, FICA**

Member and President, Board of Directors, International College of Angiology; Editorial Board, *International Journal of Angiology*; Vice Chairman, Department of Surgery; Director, Adult and Pediatric Kidney Transplantation; Professor of Surgery and Medicine, Northwell Health, Manhasset, New York, USA.

**Chairman, Scientific Committee**

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

Professor Emeritus, Distinguished Professor of Cardiology, Medical University of Innsbruck, Innsbruck, Austria; Member, Board of Directors, International College of Angiology; Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; President, Austrian Heart Foundation, Innsbruck, Austria.

**Welcome Address**

**Fujio Mitarai**

Chairman and CEO, Canon, Inc.

**09.10 h. – 09.30 h.**

**Local Organizing Committee Chairman's Address**  
**The Endovascular Revolution at Jikei and in Japan**

**Introduction By:**

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

Professor Emeritus, Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Chairman, Board of Directors, and Program Chairman, 58<sup>th</sup> Annual World Congress, International College of Angiology; Consulting Editor, *International Journal of Angiology*.

**Presentation By:**

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

Chairman, Department of Surgery and Professor and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan; Member, Board of Directors; Editor, *International Journal of Angiology*.

**09.30 h. – 10.15 h.**

**Memorial Lectures**

**Chairpersons:**

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

Chairman, Department of Surgery and Professor and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan; Member, Board of Directors; Editor, *International Journal of Angiology*.

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

Professor Emeritus, Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Chairman, Board of Directors, and Program Chairman, 60<sup>th</sup> Anniversary World Congress, International College of Angiology; Consulting Editor, *International Journal of Angiology*.

**09.30 h. – 09.45 h.**

**Setting a New Direction in the Development of Disease: AGE-RAGE Stress**

**Professor John B. Chang, MD Memorial Lecture**

**Presentation By:**

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

Professor Emeritus, Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Chairman, Board of Directors, and Program Chairman, 60<sup>th</sup> Anniversary World Congress, International College of Angiology; Consulting Editor, *International Journal of Angiology*.

**Monday, 20 August 2018**  
**Memorial Lectures (Continued)**  
**09.45 h. – 10.00 h.**

**Spontaneous Coronary Artery Dissection (SCAD)—Current State of Diagnosis and Management**  
**Professor Albert Senn Memorial Lecture**

*Presentation By:*

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

Professor Emeritus, Distinguished Professor of Cardiology, Medical University of Innsbruck, Innsbruck, Austria; Member, Board of Directors, International College of Angiology; Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; President, Austrian Heart Foundation, Innsbruck, Austria.

•  
**10.00 h. – 10.15 h.**

**Composition of Carotid Stenosis and Restenosis**  
**Professor Hans H. Hachen Memorial Lecture**

*Presentation By:*

**Josef Veselka, MD, PhD, FICA**

Professor of Internal Medicine; Member and President-Elect, Board of Directors, International College of Angiology; Editor, *International Journal of Angiology*; Chief, Department of Cardiology, 2<sup>nd</sup> School of Medicine, Charles University, University Hospital Motol, Prague, Czech Republic.

•  
**10.15 h. – 11.00 h.**

**HOT TOPICS IN ANGIOLOGY 1**

*Chairpersons:*

**Hiroshi Shigematsu, MD**

Vascular Center, Sanno Medical Center, Tokyo, Japan; Editorial Board, *International Journal of Angiology*.

**Wei Zhou, MD, FACS, FICA**

Professor of Surgery; Member and Treasurer, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Editorial Board, *International Journal of Angiology*; Chief, Vascular Surgery, Department of Surgery, University of Arizona, Tucson, Arizona, USA.

•  
**10.15 h. – 10.30 h.**

**Key Messages of the European Society for Vascular Surgery (ESVS) Mesenteric Ischemia Guidelines**

*Presentation By:*

**Martin Björck, MD, PhD**

Professor of Vascular Surgery, Department of Surgical Sciences, Consultant, Section of Vascular Surgery, University Hospital, Uppsala, Sweden.

•  
**10.30 h. – 10.45 h.**

**Overview of the 59<sup>th</sup> Annual Meeting of the Japanese College of Angiology in Hiroshima**

*Presentation by:*

**Masao Yoshizumi, MD**

Hiroshima University, Graduate School of Biomedical and Health Sciences, Hiroshima, Japan.

•  
**10.45 h. – 11.00 h.**

**The Development Status and Trend of the Japanese Society for Vascular Surgery (JSVS)**

*Presentation by:*

**Tetsuro Miyata, MD**

Vascular Center, Sanno Hospital and Sanno Medical Center, Tokyo, Japan.

•  
**11.00 h. – 11.15 h. — BREAK**

*Exhibition Hall 7F*

**Monday, 20 August 2018**

**11.15 h. – 11.55 h.**

**ORAL SESSION 1**

**CRITICAL LIMB ISCHEMIA**

**Chairpersons:**

**Katsuyuki Hoshina, MD**

Tokyo University, Tokyo, Japan

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

Chief, Vascular and Endovascular Surgery, Medical Director, Grant Vascular and Vein Center; Assistant Professor of Surgery, Ohio State University; Professor of Surgery, Ohio University, Columbus, Ohio, USA; First Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Editorial Board, *International Journal of Angiology*.

**Commentators:**

**Toshifumi Kudo, MD**

Division of Vascular Surgery, Tokyo Medical and Dental University, Tokyo, Japan.

**Hiroshi Banno, MD**

Nagoya University Hospital, Nagoya, Japan.

**Wataru Higashiura, MD**

Department of Radiology, Okinawa Prefectural Chubu Hospital, Okinawa City, Japan.

**Koji Maeda, MD, PhD**

Department of Surgery, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan.

**11.15 New Evaluation Method for Critical Lower Limb Ischemia using Laser Blood-Flowmeter BFD Clinical-Lab: Sotaro Katsui, MD<sup>1</sup>, Uchiyama Hidetoshi, MD<sup>1</sup>, Yohei Yamamoto, MD<sup>2</sup>, Toshifumi Kudo, MD<sup>2</sup>, Yoshinori Inoue, MD<sup>2</sup>, Ohnuki Masahiro, MD<sup>1</sup>, <sup>1</sup>Department of Vascular and Endovascular Surgery, Tsuchiura Kyodo General Hospital, Ibaraki, Japan; <sup>2</sup>Department of Surgical Specialties, Tokyo Medical and Dental University, Tokyo, Japan.**

**11.25 Undesirable Vascular Response during Peripheral Angioplasty on Systemic Lupus Erythematosus: Vito Anggarino Damay, MD, FICA, Wendy Wiharja, MD, Raymond Pranata, MD, Melisa Aziz, MD, Emanoel Oepangat, MD, Faculty of Medicine, University of Pelitas Harapan, Tangerang, Banten, Indonesia; Department of Cardiology and Vascular Medicine, Siloam Hospitals Lippo Village, Tangerang, Banten, Indonesia.**

**11.35 Current Management of Chronic Mesenteric Ischemia: David Epstein, MD, FACS, RVPI, FICA, Ohio Health Heart and Vascular Surgeons, Grant Medical Center, Columbus, Ohio, USA.**

**11.45 Malondialdehyde Induces a Pro-Inflammatory Activation of T-Cells from Human Atherosclerotic Plaque through both a Dependent and Independent Mechanism: Mizanur Rahman, MD<sup>1</sup>, Johnny Steuer, MD<sup>2</sup>, Peter Gillgren, MD<sup>2</sup>, Anquan Liu, MD<sup>1</sup>, Johan Frostegård, MD<sup>1,3</sup>; <sup>1</sup>Institute of Environmental Medicine, Karolinska Institute, Stockholm, Sweden; <sup>2</sup>Section of Vascular Surgery, Department of Surgery, Södersjukhuset, Institution of Clinical Science and Education, Karolinska Institute, Stockholm, Sweden; <sup>3</sup>Division of Emergency Medicine, Karolinska University Hospital, Huddinge, Sweden.**

**11.55 h. – 12.35 h.**

**ORAL SESSION 2**

**ENDOVASCULAR TREATMENT**

**Chairpersons:**

**Yuji Kanaoka, MD, PhD, FICA**

Kawasaki Medical School, Okayama, Japan

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

Professor of Surgery and Bioengineering; Member, Board of Directors and Scientific Committee, International College of Angiology; Editorial Board, *International Journal of Angiology*; Chief, Division of Cardiovascular and Thoracic Surgery, University of Kentucky, Lexington, Kentucky, USA.

**Commentators:**

**Masanori Inoue, MD**

Department of Radiology, Keio University School of Medicine, Tokyo, Japan.

**Kunihiro Shigematsu, MD**

International University of Health and Welfare, Mita Hospital, Tokyo, Japan.

**Nobuya Zempo, MD**

Department of Cardiovascular Surgery, Kansai Medical University Hospital, Hirakata City, Japan.

**Takashi Murakami, MD, PhD**

Department of Cardiovascular Surgery, Osaka City University Graduate School of Medicine, Osaka, Japan.

**11.55 Restoration of Vision by Endovascular Reperfusion in Takayasu's Arteritis—Case Series: Sanjay Tyagi, MD, DM(Cardiology), FAMS, FESC, FACC, Member, Editorial Board, *International Journal of Angiology*; Director, Professor and Head; Mohit D. Gupta, MP Girish, Swati Tyagi, Ankit Bansal, Department of Cardiology, GB Pant Institute of Postgraduate Medical Education and Research, Maulana Azad Medical College, New Delhi, India.**

**Monday, 20 August 2018**  
**11.55 h. – 12.35 h.**  
**ENDOASCULAR TREATMENT (Continued)**

- 12.05 Open Surgery versus Hybrid Endovascular Treatment for Complete Revascularization in Infrarenal Aortoiliac Occlusive Disease:** Won-Min Jo, MD, PhD, Byoung-Ju Min, MD, Jinwook Hwang, MD, Jae Sung Shin, MD, Department of Thoracic and Cardiovascular Surgery, Ansan Hospital, Korea University Medical Center, Ansan City, Gyeonggi-do, South Korea.
- 12.15 Endovascular Intervention after Infected Open Revascularization:** Richard W. Schutzer, MD, FICA, Department of Cardiovascular Surgery, New York Presbyterian Hospital, Columbia University Medical Center, New York, New York; Editor, *International Journal of Angiology*.
- 12.25 Early and Mid-Term Outcomes of Primary Carotid Endarterectomy:** Robert Hacker, MD, FACS, RVT, RPVI, Sadeep Bose, MD, Mercy Health—Heart and Vascular Institute, Toledo, Ohio, USA.

**12.35 h. – 12.45 h. — BREAK**  
*Exhibition Hall 7F*

**12.45 h. – 13.35 h.**  
**LUNCHEON SEMINAR 1**  
*(Co-Sponsored by W.L. Gore & Associates Co., LTD.)*  
**Chairperson:**

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

Chairman, Department of Surgery and Professor and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan; Member, Board of Directors; Editor, *International Journal of Angiology*.

**The Value of Excluder IBE—Preservation of IIA and Prevention of Type Ib Endoleak:** Masayuki Hara, MD, Department of Surgery, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan.

**The Price of Sacrificing the Internal Iliac Artery Blood Flow—What Have We Learned from Clinical Experiences and What do the Clinical Practice Guidelines Recommend?** Martin Björck, MD, PhD, Professor of Vascular Surgery, Department of Surgical Sciences, Consultant, Section of Vascular Surgery, University Hospital, Uppsala, Sweden.

**13.35 h. – 13.40 h. — BREAK**  
*Exhibition Hall 7F*

**13.40 h. – 14.40 h.**  
**SYMPOSIUM 1**  
**ABDOMINAL AORTIC ANEURYSMS**  
**Chairpersons:**

**Makato Sumi, MD, PhD, FICA**

Department of Surgery, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan.

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

William W.L. Glenn Professor of Cardiothoracic Surgery; Second Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Aortic Institute at Yale-New Haven, Yale University School of Medicine, New Haven, Connecticut, USA.

**Commentators:**

**Taku Kokubo, MD**

Department of Vascular Surgery, Edogawa Hospital, Tokyo, Japan.

**Naoki Fujimura, MD**

Department of Vascular Surgery, Saiseikai Central Hospital, Tokyo, Japan.

**Atsubumi Murakami, MD**

International University of Health and Welfare Hospital, Tokyo, Japan.

**13.40 Endoleak after EVAR:** Shigeo Ichihashi, MD, Department of Radiology, Nara Medical University, Nara, Japan.

**13.55 Early Sac Shrinkage is a Good Surrogate Marker of Durable Success after Endovascular Aneurysm Repair in Japanese Patients:** Naoki Fujimura, MD, PhD, Department of Vascular Surgery, Saiseikai Central Hospital, Tokyo, Japan.

**14.10 A Multicenter Experience with Abdominal Aortic Endograft Infections in Japan:** Hideaki Obara, MD, FICA, Department of Surgery, Keio University School of Medicine, Tokyo, Japan.

**14.25 EVAR for Ruptured Abdominal Aortic Aneurysm:** Hidemitsu Ogino, MD, Director, Department of Surgery, Narita Tomisato Takushukai Hospital, Tomisato-City, Japan.

**Monday, 20 August 2018**

**14.40 h. – 15.30 h.**

**TEATIME SEMINAR 1**

**LATEST INFORMATION ON IMAGE GUIDED SYSTEMS**

*(Co-Sponsored by Canon Medical Systems Corporation)*

**Chairperson:**

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

Chairman, Department of Surgery and Professor and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan; Member, Board of Directors; Editor, *International Journal of Angiology*.

**Naoki Fujimura, MD, PhD**

Department of Vascular Surgery, Saiseikai Central Hospital, Tokyo, Japan.

**Kanako K. Kumamaru, MD, PhD**

Department of Radiology, Juntendo University School of Medicine, Tokyo, Japan.

**15.30 h. – 15.45 h. — BREAK**

*Exhibition Hall 7F*

**15.45 h. – 17.15 h.**

**SYMPOSIUM 2**

**CAROTID AND PERIPHERAL ARTERIAL DISEASE**

**Chairpersons:**

**Hideaki Obara, MD, FICA**

Department of Surgery, Keio University School of Medicine, Tokyo, Japan.

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

Professor Emeritus, Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Chairman, Board of Directors, and Program Chairman, 60<sup>th</sup> Anniversary World Congress, International College of Angiology; Consulting Editor, *International Journal of Angiology*.

**15.45 Zilver PTX Post-Market Surveillance Study of Paclitaxel Eluting Stents for Treating Femoropopliteal Artery Disease in Japan: 5-Year Results: Hiroyoshi Yokoi, MD**, Professor, International University of Health and Welfare; Director, Cardiovascular Center, Fukuoka Sanno Hospital, Fukuoka, Japan.

**16.00 Beyond Stroke—What Have We Learned about Carotid Disease? Wei Zhou, MD, FACS, FICA**, Professor of Surgery; Member and Treasurer, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Editorial Board, *International Journal of Angiology*; Chief, Vascular Surgery, Department of Surgery, University of Arizona, Tucson, Arizona, USA.

**16.15 Pathogenesis in Clinical Significance of Buerger's Disease and Peripheral Arterial Disease (PAD): Takehisa Iwai, MD, PhD**, Director and Head, Tsukuba Vascular Center and Buerger's Disease Research Institute, Moriya City, Japan.

**16.30 Variation in Atherosclerotic Plaque Feature in Swine Artery Induced with Partial Ligation, Denudation and External Irrigation: Jackie P. Ho, MBBS, FRCS, FCS, FHKAM**, Associate Professor, Department of Surgery, Yong Loo Lin School of Medicine, National University of Singapore, Singapore; Consultant, Department of Cardiac, Thoracic and Vascular Surgery, National University Heart Center, Singapore.

**16.45 Treatment of Peripheral Vascular Disease via Percutaneous Brachial Artery Access: Randall W. Franz, MD, FACS, FICA, RVT, RPVI**, Chief, Vascular and Endovascular Surgery, Medical Director, Grant Vascular and Vein Center; Assistant Professor of Surgery, Ohio State University; Professor of Surgery, Ohio University, Columbus, Ohio, USA; First Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Editorial Board, *International Journal of Angiology*.

**17.00 Endovascular Approaches for Complex below the Knee (BTK) Chronic Total Occlusion (CTO) Lesion: Hiroshi Ando, MD**, Kasukabe Chuo General Hospital, Saitama, Japan.

**Monday, 20 August 2018**  
**17.15 h. – 18.15 h.**  
**e-POSTER PRESENTATIONS**

**Chairpersons:**

**Makoto Mo, MD**

Chief, Cardiovascular Surgery, Yokohama Minami Kyosai Hospital, Yokohama, Japan.

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

Professor of Medicine (Cardiology); Vice President, International College of Angiology; Gill Heart Institute, University of Kentucky, Lexington, Kentucky, USA.

**Commentators:**

**Katsuhiko Oka, MD**

Kyoto Prefectural University of Medicine, Kyoto, Japan.

**Seiji Onitsuka, MD**

Department of Surgery, Kurume University School of Medicine, Kurume, Japan.

**Masayuki Hirokawa, MD, PhD**

Director, Ochanomizu Vascular and Vein Clinic, Tokyo, Japan.

**Hideaki Maeda, MD**

Second Department of Surgery, Nihon University School of Medicine, Itabashi Hospital, Tokyo, Japan.

- 17.15 Treatment of Deep Vein Thrombosis in May-Thurner Syndrome with Non-Vitamin K Oral Anticoagulants: A Case Report: Toh Ching Han<sup>1</sup> and Ashish Anil Sule, MBBS, MD, MRCP, FAMS, FICA, FRCP<sup>2</sup>; Regional Secretary, International College of Angiology; <sup>1</sup>Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore; <sup>2</sup>Department of General Medicine, Subspecialty of Vascular Medicine and Hypertension, Tan Tock Seng Hospital, Singapore.**
- 17.22 Anticoagulation for Antiphospholipid Syndrome in a Patient with Severe Thrombocytopenia: Case Report: Prathika Parmalingam, MBBS, MRCP, MMED, Senior Resident; Ashish Anil Sule, MBBS, MD, MRCP, FAMS, FICA, FRCP, Regional Secretary, International College of Angiology; Department of General Medicine, Tan Tock Seng Hospital, Singapore.**
- 17.29 Bilateral Unproved Deep Vein Thrombosis in an Elderly Gentleman with Hyperhomocysteinemia: Joey Ying Hao Wong, MBBS, NTU-Imperial Lee Kong Chian School of Medicine, Singapore; Ashish Anil Sule, MBBS, MD, MRCP, FAMS, FICA, FRCP, Senior Consultant, General Medicine, Vascular Medicine and Hypertension, Tan Tock Seng Hospital, Singapore.**
- 17.36 The Association of High Blood Homocysteine and the Risk of Increased Severity of Ischemic Stroke Events: Salim Harris, MD, PhD, Al Rasyid, MD, PhD, Mohammad Kurniawan, MD, Taufik Mesiano, MD, Rakhmad Hidayat, MD, Neurology Department, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia.**
- 17.43 Comparison Between Sensitivity and Specificity of Ankle Brachial Index and Carotid Intima-Media Thickness for Detecting Significant Coronary Artery Disease: Novi Anggriyani, MD, FICA<sup>1</sup>, Joceline Theda Kadarman, MD<sup>1</sup>, Wahyu Wiryawan, MD<sup>2</sup>, <sup>1</sup>Faculty of Medicine, Diponegoro University, Semarang, Indonesia; <sup>2</sup>Division of Cardiothoracic and Vascular Surgery, Department of Surgery, Diponegoro University, Semarang, Indonesia.**
- 18.00 EVAR-First Strategy for Ruptured Aortic Aneurysm: A Clinical Analysis of 20 Cases: Daiki Uchida, MD, Takamitsu Tatsukawa, MD, Ai Tochikubo, MD, Naoya Kuriyama, MD, Shinsuke Kikuchi, MD, Atsuhiro Koya, MD, Nobuyoshi Azuma, MD, FICA, Professor and Chairman; Vice President, Scientific Council, International College of Angiology; Editor, International Journal of Angiology; Division of Vascular Surgery, Asahikawa Medical University, Asahikawa, Japan.**

**17.15 h. – 18.15 h.**  
**ICA BUSINESS MEETING**  
**Board of Directors**  
*Jikei Building 2*

**Tuesday, 21 August 2018**

**08.30 h. – 09.20 h.**

**MORNING SEMINAR**

**COOK VASCULAR SYMPOSIUM—EVAR & SFA TREATMENTS**

*(Co-Sponsored by Cook Japan)*

**Chairperson:**

**Shigeo Ichihashi, MD**

Department of Radiology, Nara Medical University, Nara, Japan.

**Sciencing Zenith—Why We Should be Using Zenith Stent Grafts: Naoki Fujimura, MD, PhD**, Department of Vascular Surgery, Saiseikai Central Hospital, Tokyo, Japan.

**Is It Possible? “Leave Nothing Behind Concept” for SFA Treatment: Tatsuya Nakama, MD**, Tokyo Bay Urayasu Ichikawa Medical Center, Tokyo, Japan.

**09.20 h. – 09.50 h.**

**ORATION LECTURES**

**Chairpersons:**

**Nobuyoshi Azuma, MD, FICA**

Professor and Chairman, Department of Vascular Surgery, Asahikawa Medical University, Asahikawa, Japan; Vice President, Scientific Council, International College of Angiology; Editor, *International Journal of Angiology*.

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

Chairman, Department of Surgery and Professor and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan; Member, Board of Directors; Editor, *International Journal of Angiology*.

**09.20 h. – 09.35 h.**

**Thoracic Aortic Aneurysms: Practical Genetics for the Surgeon**

**Professor Kailash Prasad Oration Lecture**

**Presentation By:**

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

William W.L. Glenn Professor of Cardiothoracic Surgery; Second Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Aortic Institute at Yale-New Haven, Yale University School of Medicine, New Haven, Connecticut, USA.

**09.35 h. – 09.50 h.**

**Scrutinizing the General Applicability of the CE Approved Chimney Procedure for Short Neck and Juxtarenal Aortic Pathologies – 109 Fenestrated Endovascular Aneurysm Repair Cases Revisited**

**Professor Otmar M. Pachinger Oration Lecture**

**Presentation By:**

**Jürgen Falkensammer, MD, FICA<sup>1,2</sup>**

Vice President, Scientific Council, International College of Angiology, Miriam Uhlmann, MD<sup>1</sup>, Elisabeth Pelanek-Völk, MD<sup>1</sup>, Markus Plimon, MD<sup>1</sup>, Afshin Assadian, MD<sup>1</sup>, <sup>1</sup>Department of Vascular and Endovascular Surgery, Wilhelminenspital Vienna, Austria; <sup>2</sup> Medical Faculty of the Sigmund Freud University, Vienna, Austria.

**09.50 h. – 10.20 h.**

**HOT TOPICS IN ANGIOLOGY 2**

**Chairpersons:**

**Hideyuki Shimizu, MD**

Department of Cardiovascular Surgery, Keio University School of Medicine, Tokyo, Japan.

**Josef Veselka, MD, PhD, FICA**

Professor of Internal Medicine; Member and President-Elect, Board of Directors, International College of Angiology; Editor, *International Journal of Angiology*; Chief, Department of Cardiology, 2<sup>nd</sup> School of Medicine, Charles University, University Hospital Motol, Prague, Czech Republic.

**09.50 In-Hospital Based Outcomes of STEMI after Application of a Regional STEMI Network in the Metropolitan Area of a Developing Country: Iwan Dakota, MD, PhD, FACC, FESC, FICA**, Secretary General and Member, Board of Directors, International College of Angiology; Member, Editorial Board, *International Journal of Angiology*; Head, Peripheral Vascular Intervention, Vascular Division, Department of Cardiology and Vascular Medicine, University of Indonesia, School of Medicine, Jakarta, Indonesia;

Director of General Affairs and Human Capital, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

**10.05 Emerging Model of Cardiothoracic Surgical Training: Challenges and Opportunities: Sibu P. Saha, MD, MBA,**

**FICA**, Professor of Surgery and Bioengineering; Member, Board of Directors and Scientific Committee, International College of Angiology and Member, Editorial Board, *International Journal of Angiology*; Chief, Division of Cardiovascular and Thoracic Surgery, University of Kentucky, Lexington, Kentucky, USA.

**10.20 h. – 10.30 h. — BREAK**

*Exhibition Hall 7F*

**Tuesday, 21 August 2018**

**10.30 h. – 11.40 h.**

**ORAL SESSION 3**

**CORONARY, VEINS, ETC.**

*Chairpersons:*

**Hiroyuki Ishibashi, MD**

Second Department of Surgery, Aichi Medical University, Aichi, Japan.

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

Professor Emeritus, Distinguished Professor of Cardiology, Medical University of Innsbruck, Innsbruck, Austria; Member, Board of Directors, International College of Angiology; Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; President, Austrian Heart Foundation, Innsbruck, Austria.

**10.30 Results of Open and Endovascular Surgery for the Treatment of Renal Artery Aneurysms: Yuri Murakami, MD, Masamichi Momose, MD, Makiko Omori, MD, Reo Takizawa, MD, Takeshi Baba, MD, Masayuki Hara, MD, Koji Maeda, MD, PhD, Hiromasa Tachihara, MD, Department of Surgery, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan; Takao Ohki, MD, PhD, FICA, Chairman, Department of Surgery and Professor and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan; Member, Board of Directors; Editor, *International Journal of Angiology*.**

**10.40 The Interplay of AGE-RAGE Axis in Coronary Stent Restenosis: A Prospective Study: Erick D. McNair, PhD, FICA, Naorin Islam, MSc, Rhonda Bryce, MD, Colin Pearce, MD, Department of Pathology and Laboratory Medicine, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.**

**10.50 Internal Jugular Venous Flow in Cerebral Small Vessel Disease: A Study on White Matter Hyper-intensities and Cognitive Dysfunction: Zulfa Indah K. Fadhly, MD<sup>1</sup>, Salim Harris, MD, PhD<sup>1</sup>, Diatri Nari Lastri, MD<sup>1</sup>, Benny Zulkarnaen, MD<sup>2</sup>, Joedo Prihartono<sup>3</sup>, Departments of <sup>1</sup>Neurology, <sup>2</sup>Radiology, <sup>3</sup>Public Health, Faculty of Medicine, University of Indonesia and Dr. Cipto Mangunkusumo National Referral Hospital, Jakarta, Indonesia.**

**11.00 Rivaroxaban for Managing Recurrent Venous Thromboembolism in Venous Filter Thrombosis and Malignancy: Yeo Zhi Ta Alan<sup>1</sup>, Nicole Kiren Cheong Wen Xian<sup>1</sup>, Ashish Anile Sule, MBBS, MD, MRCP, FICA, FAMS, FRCP<sup>2</sup>, <sup>1</sup>Yong Loo Lin School of Medicine, National University of Singapore, Singapore; <sup>2</sup>Department of General Medicine, Vascular Medicine and Hypertension, Tan Tock Seng Hospital, Singapore.**

**11.10 Novel Oral Anticoagulants for Managing Recurrent Venous Thromboembolism in Malignancy—A Case Series: Benedict Cesar I. Azucena, MD<sup>2</sup>, Nicole Kiren Cheong Wen Xian, MBBS<sup>1</sup>, Yeo Zhi Ta Alan, MBBS<sup>1</sup>, Ashish Anile Sule, MBBS, MD, MRCP, FICA, FAMS, FRCP<sup>2</sup>, <sup>1</sup>Yong Loo Lin School of Medicine, National University of Singapore, Singapore; <sup>2</sup>Department of General Medicine, Vascular Medicine and Hypertension, Tan Tock Seng Hospital, Singapore.**

**11.20 Status of Cardiovascular Medicine Associated with Commercial and Recreational Underwater Diving: Thomas F. Whayne, Jr., MD, PhD, FICA, Professor of Medicine (Cardiology); Vice President, International College of Angiology; Gill Heart Institute, University of Kentucky, Lexington, Kentucky, USA.**

**11.30 Aortic Wall Enhancement—Possibility of a New Prognostic Indicator: Eisaku Ito, MD<sup>1</sup>, Naoki Toya, MD, FICA<sup>1</sup>, Soichiro Fukushima, MD<sup>1</sup>, Takeyuki Misawa, MD<sup>2</sup>, Takao Ohki, MD, PhD, FICA<sup>3</sup>, Professor of Surgery; <sup>1</sup>Department of Surgery, Division of Vascular Surgery, The Jikei University Kashiwa Hospital, Tokyo, Japan; <sup>2</sup> Department of Surgery, The Jikei University Kashiwa Hospital, Tokyo, Japan; <sup>3</sup>Chairman, Department of Surgery and Professor and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan; Member, Board of Directors; Editor, *International Journal of Angiology*.**

**11.40 h. – 11.50 h. — BREAK**

*Exhibition Hall 7F*

**11.50 h. – 12.40 h.**

**LUNCHEON SEMINAR 2**

*(Co-Sponsored by Sumitomo Bakelite Co., LTD.)*

*Chairpersons:*

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

Chairman, Department of Surgery and Professor and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan; Member, Board of Directors; Editor, *International Journal of Angiology*.

**Next Generation Thoracic Stent Graft—Early Clinical Experience and Future Horizons: Sung Gwon Kang, MD, S & G Biotech, Inc.**

**Clinical Experience of Using the World's First Steerable Microcatheter from Japan: Reo Takizawa, MD, Department of Surgery, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan.**

**12.40 h. – 12.50 h. — BREAK**

*Exhibition Hall 7F*

**Tuesday, 21 August 2018**

**12.50 h. – 14.20 h.**

**SYMPOSIUM 3**

**TAA**

**Chairpersons:**

**Ikuo Fukuda, MD, PhD**

Thoracic and Cardiovascular Surgery, Hirosaki University Graduate School of Medicine, Hirosaki, Aomori, Japan.

**Jürgen Falkensammer, MD, FICA**

Vice President, Scientific Council, International College of Angiology, Department of Vascular and Endovascular Surgery, Wilhelminenspital Vienna, Austria; Medical Faculty of the Sigmund Freud University, Vienna, Austria.

**Commentators:**

**Yukio Obitsu, MD**

International University of Health and Welfare Hospital, Tokyo, Japan.

**Tomoyasu Sato, MD**

Department of Interventional and Diagnostic Radiology, Tsuchiya General Hospital, Hiroshima, Japan.

**Naoki Hayashida, MD**

Department of Cardiovascular Surgery, Chiba Cardiovascular Center, Ichihara-city, Chiba, Japan.

**Kinya Matsui, MD**

Director, Cardiovascular Surgery, Ogasawara Memorial Sapporo Hospital, Hokkaido, Sapporo, Japan.

**12.50 Four Reasons we should Intervene Earlier with Ascending Aortic Aneurysms: John A. Elefteriades, MD, FACS, FICA**, William W.L. Glenn Professor of Cardiothoracic Surgery; Second Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Aortic Institute at Yale-New Haven, Yale University School of Medicine, New Haven, Connecticut, USA.

**13.05 Effect of Stroke Prevention Techniques in Hybrid Aortic Arch Repair: Masaaki Kato, MD**, Department of Cardiovascular Surgery, Morinomiya Hospital, Osaka, Japan.

**13.20 Proximal Bare Stent May Reduce Bird-Beak Configuration which is Associated with Distal Migration of Stent Grafts in the Aortic Arch: Hiroshi Banno, MD**, Department of Surgery, Division of Vascular Surgery, Nagoya University Hospital Graduate School of Medicine, Nagoya, Japan.

**13.35 Surgical Intervention after TEVAR: Strategy and Outcomes—Tokyo Medical University-Cardiovascular Surgery: Hitoshi Ogino, MD, PhD**, Department of Cardiovascular Surgery, Tokyo Medical University Hospital, Tokyo, Japan.

**13.50 Double Barrel Stent Graft to Shorten Aortic Coverage in Endovascular Treatment of Thoracoabdominal Aneurysm (TAAA): Piotr M. Kasprzak, MD**, Kyriakos Oikonomou, MD, Wilma Schierling, MD, Karin Pfister, MD, Department of Vascular Surgery, University Medical Center Regensburg, Regensburg, Germany.

**14.05 Segmental Artery Coil Embolization prior to Extensive Thoracic and Thoracoabdominal Endovascular Aortic Repair: Takashi Murakami, MD, PhD**, Akimasa Morisaki, MD, PhD, Hiromichi Fujii, MD, PhD, Yosuke Takahashi, MD, PhD, Yoshito Sakon, MD, Kokoro Ymane, MD, Noriaki Kishimoto, MD, Toshihiko Shibata, MD, PhD, Department of Cardiovascular Surgery, Osaka City University Graduate School of Medicine, Osaka, Japan.

**14.20 h. – 15.10 h.**

**TEATIME SEMINAR 2**

**(Co-Sponsored by Japan Lifeline Co., LTD.)**

**Chairperson:**

**Hideaki Obara, MD, FICA**

Department of Surgery, Keio University School of Medicine, Tokyo, Japan.

**Features and Utilities of AFX2 Stent Graft System: Hiroshi Banno, MD**, Department of Surgery, Division of Vascular Surgery, Nagoya University Graduate School of Medicine, Nagoya, Japan.

**In-Vitro Evaluation of Suitable Proximal Neck Length for Snorkel EVAR with AFX Infra-renal Cuff System: Kenjiro Kaneko, MD**, Department of Vascular Surgery, Shin-yurigaoka General Hospital, Komae, Japan.

**15.10 h. – 15.25 h. — BREAK**

**Exhibition Hall 7F**

**Tuesday, 21 August 2018**

**15.25 h. – 16.10 h.**

**SYMPOSIUM 4**

**CRITICAL LIMB ISCHEMIA**

**Chairpersons:**

**Kimihiro Komori, MD**

Department of Surgery, Division of Vascular Surgery, Nagoya University Graduate School of Medicine, Nagoya, Japan

**Jackie P. Ho, MBBS, FRCS, FCS, FHKAM**

Associate Professor, Department of Surgery, Yong Loo Lin School of Medicine, National University of Singapore, Singapore; Consultant, Department of Cardiac, Thoracic and Vascular Surgery, National University Heart Center, Singapore.

**Commentators:**

**Shin Ishimaru, MD**

Director, Center for Endovascular Therapy, Toda Chuo General Hospital, Saitama, Japan.

**Yoshinori Inoue, MD**

Director, Ambulatory Vascular Surgical Clinic, Tokyo, Japan.

**Hiroyoshi Komai, MD**

Professor, Unit of Peripheral Vascular Surgery, Department of Surgery, Kansai Medical University, Takii Hospital, Osaka, Japan.

**Yoichi Nozaki, MD**

Hokko Memorial Hospital, Hokkaido, Japan.

**15.25 Treatment Strategy for Critical Limb Ischemia—How to Select Open Surgery or Endovascular Treatment:**

**Nobuyoshi Azuma, MD, FICA**, Professor and Chairman, Department of Vascular Surgery, Asahikawa Medical University, Asahikawa, Japan; Vice President, Scientific Council, International College of Angiology; Editor, *International Journal of Angiology*.

**15.40 Autogenous Stem Cells for Critical Limb Ischemia—Technique and Results: Randall W. Franz, MD, FACS, FICA,**

**RVT, RPVI**, Chief, Vascular and Endovascular Surgery, Medical Director, Grant Vascular and Vein Center; Assistant Professor of Surgery, Ohio State University; Professor of Surgery, Ohio University, Columbus, Ohio, USA; First Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Editorial Board, *International Journal of Angiology*; Kaushal J. Shah, MD, FACS, RPVI, Richard H. Pin, MD, FACS, RPVI, Thomas Hankins, CCP, Jodi F. Hartman, MS, Michelle L. Wright, MPH; Columbus and Westerville, Ohio, USA; Camp Hill, Pennsylvania, USA; Dartmouth, Massachusetts, USA.

**15.55 Optimal Endpoint of Below the Knee (BTK) Intervention for Wound Healing: Makoto Utsunomiya, MD, PhD,**

Division of Cardiovascular Medicine, Toho University, Ohashi Medical Center, Tokyo, Japan.

**16.10 h. – 16.40 h.**

**PROFESSOR JOHN B. CHANG RESEARCH ACHIEVEMENT AWARD LECTURE**

**The Road to Conquer Arch Aneurysm**

**Introduction By:**

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

Professor Emeritus, Distinguished Professor of Cardiology, Medical University of Innsbruck, Innsbruck, Austria; Member, Board of Directors, International College of Angiology; Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; President, Austrian Heart Foundation, Innsbruck, Austria.

**Presentation By:**

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

Chairman, Department of Surgery and Professor and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan; Member, Board of Directors; Editor, *International Journal of Angiology*.

**16.40 h. – 16.50 h.**

**Lecture Hall 1, 3F**

**CLOSING CEREMONY**

**16.50 h. – 17.20 h.**

**Lecture Hall 1, 3F**

**ICA BUSINESS MEETING**

**Officers and Editorial Board Meeting**

**17.30 h. – 19.00 h.**

**Exhibition Room, 7<sup>th</sup> Floor**

**Jikei University**

**GALA DINNER**

## ACKNOWLEDGMENTS

The International College of Angiology in cooperation with 13<sup>th</sup> Japan Endovascular Symposium gratefully acknowledges the educational grants provided in support of this CME activity.  
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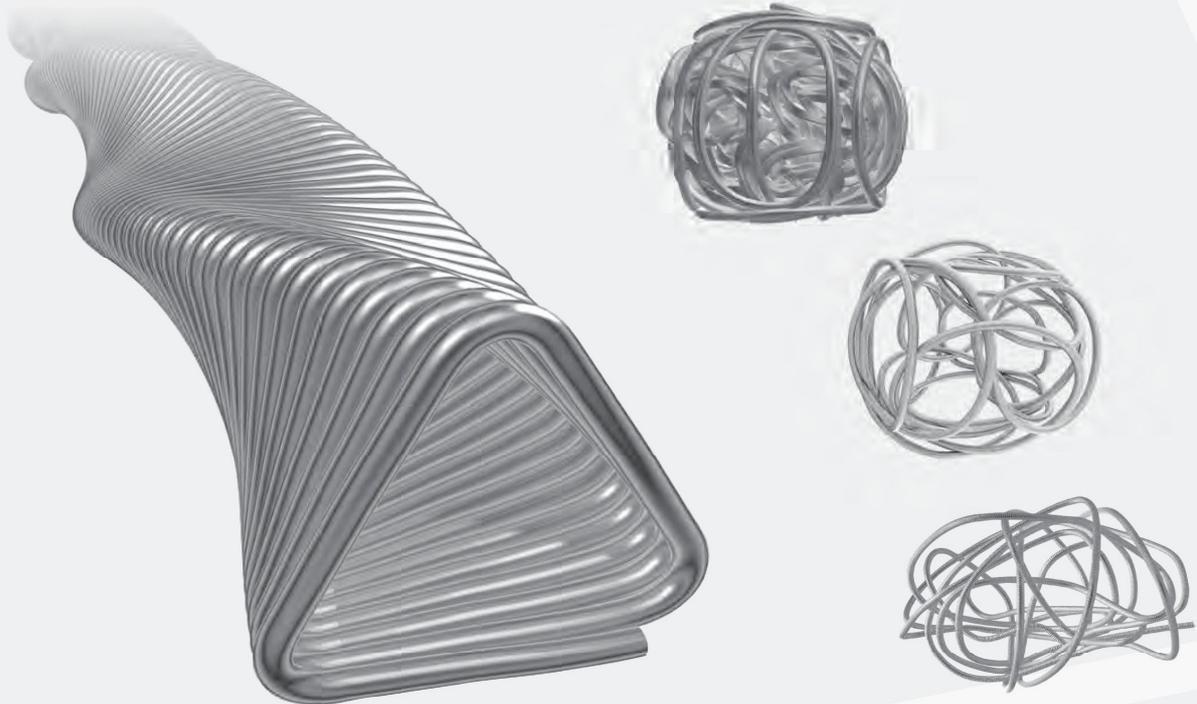
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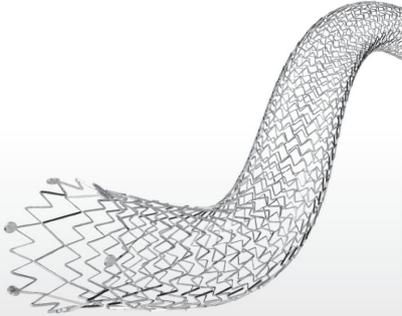
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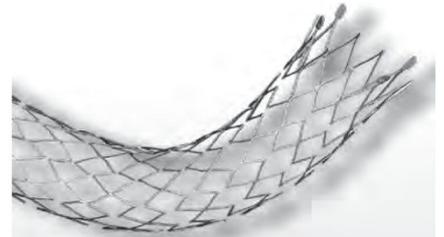
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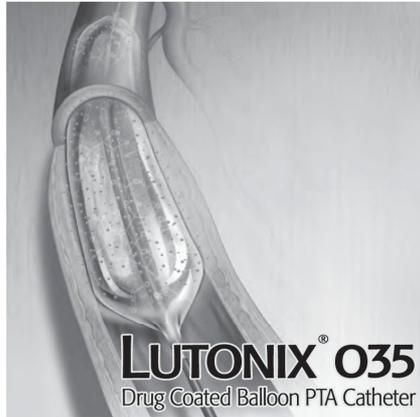
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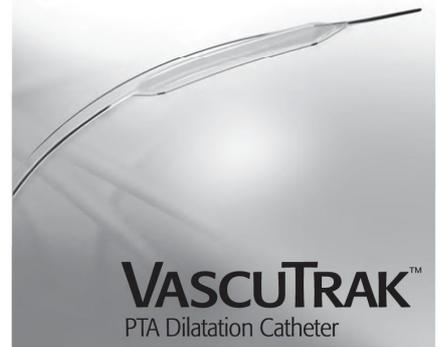
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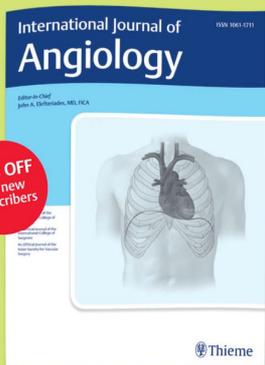
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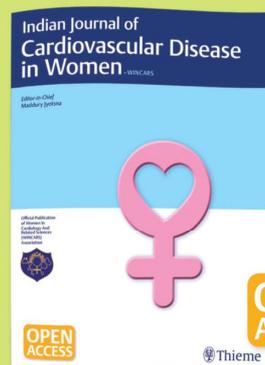
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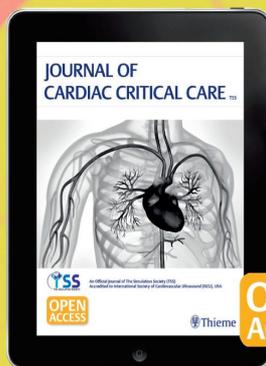
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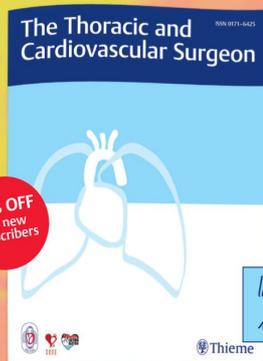


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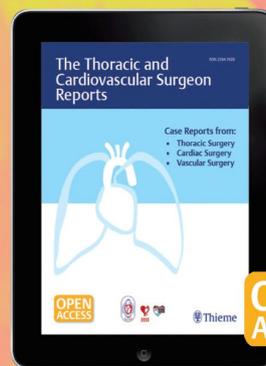
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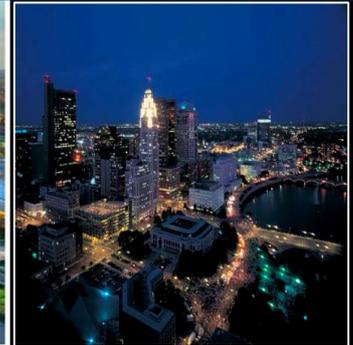
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Join your colleagues from around the world, earn CME, and explore key areas rapidly expanding in cardiovascular medicine and surgery. ICA 2019 is designed to meet the specific educational needs of medical professionals involved with the management 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 their staff and nurses.

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This annual world congress will feature an internationally renowned faculty, and recognized leaders will discuss state-of-the-art techniques in the management, 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 2019 program will focus on surgical, percutaneous, and medical management...from peripheral vascular disease to coronary and cerebrovascular disease and abdominal aortic aneurysms. The congress will offer a comprehensive review of what is new in management, techniques, approaches and prevention.

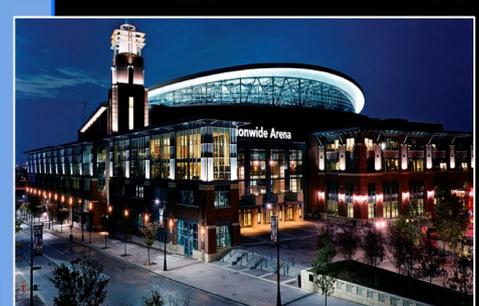
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