

Welcome to International Federation for Artificial Organs (IFAO) 2019 in Osaka !!

November 12-15, 2019

IFAO 2019

The 8th Meeting of
the International Federation for Artificial Organs

President : Yoshiki Sawa, MD., PhD.
(Department of Cardiovascular Surgery, Osaka University, Graduate School of Medicine)

JSAO 2019

The 57th Annual Meeting of
the Japanese Society for Artificial Organs

President : Koichi Toda, MD., PhD.
(Department of Cardiovascular Surgery, Osaka University, Graduate School of Medicine)

Date November 13 (Wed.)~15 (Fri.), 2019

Venue Osaka International Convention Center, RIHGA Royal Hotel Osaka
Welcome reception on November, 12 (Tue) in Umeda Sky Building



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Futurability

<http://www.congre.co.jp/jsao2019/>

- ✓ IFAO investigator awards (JPY 50,000 (\$450)) x 90
IFAO best presentation awards (JPY 100,000 (\$900)) x 10
- ✓ Registration fee for students and allied health: JPY 8,000 (\$70)
- ✓ ISHLT joint symposium
- ✓ APSAO (Asian-Pacific Society for Artificial Organs) joint symposium
- ✓ Possible publication in *Artificial Organs* or *Journal of Artificial Organs* after fast track review
- ✓ Welcome reception in Umeda sky building (one of top 20 buildings around the world according to *the Times* in 2008)
- ✓ Simultaneous AI translator “POCKETALK” in and outside of conference room

Deadline for abstract submission has been extended
until July 31, 2019.

Visit our website ; <http://www.congre.co.jp/jsao2019/en/index.html>

Program Outline

IFAO 2019 The 8th Meeting of the International Federation for Artificial Organs
JSAO 2019 The 57th Annual Meeting of the Japanese Society for Artificial Organs



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Program Outline

The 8th Meeting of IFAO and The JSAO 57th Annual Meeting Will Be Hosted in Osaka, Japan
November 13 – 15, 2019

“Futurability”

President of The 8th Meeting of IFAO



Yoshiki Sawa, MD, PhD

President of The JSAO 57th Annual Meeting



Koichi Toda, MD, PhD

IFAO invited lecture 1: Prof. Mandeep R. Mehra, Harvard University, USA



“Long term life support with artificial heart “
Mandeep R. Mehra, MD
Cardiovascular Medicine, Heart Transplant

IFAO invited lecture 2: Prof. Bernd Stegmayr, Umea University, Sweden



“Renal-cardiac syndrome “
Bernd Stegmayr
Professor, senior at Department of Public Health and Clinical Medicine

Symposium 1: Artificial organs and regenerative medicine for failing organs



Chaired by Prof. Wolfram Zimmermann, Univ. Medical Center Göttingen, Germany
Cardiac recovery during VAD support, decellularized valve, tissue engineering

Symposium 2: Future-ability of Artificial Organs in US, Europe, and Japan



Prof. Mark Slaughter,
University of Louisville, USA



Prof. Bernd Stegmayr,
University, Umea Sweden



Prof. Yoshiyuki Taenaka, Osaka Univ., Japan

Symposium 3: Robotics: new technologies and new techniques



Chaired by Prof. Jae Won Lee, Asan Medical Center, Korea

Robotics in surgery (urology, cardiovascular, thoracic, and abdominal surgery) and nursing care

Symposium 4: IFAO-APSAO joint symposium



Chaired by Prof. Sivathasan Cumaraswamy, National Heart Centre, Singapore

Symposium 5: Acute circulatory support: ECMO, Impella, VAD and more



Chaired by Dr. Alexander Bernhardt, University Heart Center Hamburg, Germany
AMI, postcardiotomy shock, and fulminant myocarditis

Symposium 6: Minimally invasive mitral valve procedures: MICS, MitraClip, NeoChord.



Chaired by Prof. Gino Gerosa, Padova Univ. Italy

MICS, MitraClip, NeoChord, and Transcatheter Mitral Valve Replacement

Symposium 7: Heart transplant and new devices



Chaired by Prof. Yoshifumi Naka, Columbia Univ., USA
VAD, Heart transplant
Ex-vivo perfusion system



Dr. Paul Janz, St Vincent's Hospital, Australia

Symposium 8: Minimally invasive aortic valve procedures: MICS, Sutureless, TAVI



Chaired by Prof. Gunther Laufer, Medical University of Vienna, Austria

MICS, sutureless valve, and TAVI

Symposium 9: Pediatric VAD/ECMO



Chaired by Dr. Antonio Amodeo, Bambino Gesù Hospital, Italy



Dr. Iki Adachi, Texas Children's Hospital, USA

Symposium 10: ECMO and lung transplantation.



Chaired by Prof. Michael McFadden, Univ. of Southern California, USA



Dr. Norihisa Shigemura, Temple Univ., USA

Symposium 11: Long term outcomes of chronic hemodialysis: International comparison



Chaired by Dr. Stephen R. Ash, USA

Symposium 12: Renal - heart failure.



Chaired by Prof. Bernd Stegmayr, Umea University, Sweden

Cardiac surgery for dialysis patients, heart failure in dialysis patients

Symposium 13: Home dialysis or Hospital dialysis

Symposium 14: Hemofiltration and critical care medicine

Symposium 15: Intensive insulin therapy and artificial pancreas.



Chaired by Prof. Greet Van den Berghe, Leuven Univ. Belgium

Symposium 16: New devices and new ideas: Engineer's perspective.



Chaired by Dr. Kiyotaka Fukamachi, Cleveland Clinic

TAH, fully implantable VAD, TET



Dr. Daniel Timms, BiVACOR

Symposium 17: IFAO-ISHLT joint symposium



Chaired by Prof. Nir Uriel, The University of Chicago, USA

Symposium 18: VAD coordinator symposium; Drive line, patient's education, caregiver and palliative care



Chaired by Ms. Pamela S. Combs, The University of Chicago, USA

Symposium 19: Perfusionist symposium; Role of perfusionist in your heart team



Chaired by Mr. Bradley T Kulat, Lurie Children's Hospital of Chicago, USA