

## ASIAN SOCIETY OF TRANSPLANTATION



January 2015

## PRESIDENT'S MESSAGE

*Dear Colleagues*

It is my great pleasure to invite you to Singapore for the 14th Congress of the Asian Society of Transplantation (CAST). The

forthcoming CAST meeting is held in Singapore, the "City of Lion", between 23rd and 26th August 2015. You would have already received the Announcements for this meeting. A sumptuous feast of academics awaits you. The program has been planned with the future growth of Asian countries in transplantation being envisaged.

In Asia, the 1st congress of the Asian Society of Transplantation was held at Bali Island, Indonesia, at 1989. The scientific and medical level of the organ transplant of the countries of Asia improved for 24 years of after that.

The result of this success is, however, that we are facing a new problem: Shortage of organs. Shortage of the number of organ donation from deceased donor is a serious problem for the countries of all Asia.

In CAST2013, more than 1300 participants from 41 countries visited Kyoto. Much more numbers of participants are expected in CAST2015.

Please join us at Singapore. Dr. Anantharaman Vathsala and LOC will make you very comfortable with Singapore's warm hospitality and excellent arrangements for this conference.

We are looking forward to meeting you in Singapore.

*Yours Sincerely,*

**Shiro Takahara,**  
President  
Asian Society of Transplantation

## Join us in Singapore for Asia's definitive forum on transplantation!

23-26 AUGUST 2015

Suntec Singapore Convention &amp; Exhibition Centre



CAST2015  
SINGAPORE

The Congress of the Asian Society of Transplantation (CAST) is the region's largest and longest running gathering of transplant physicians, surgeons and other health professionals involved in transplantation. Join us in 2015 as we hold our 14th CAST in vibrant Singapore.

Located at the crossroads of Asia, Singapore is a cosmopolitan city easily accessible from anywhere in the world - making it an ideal focal point to share knowledge and issues about transplantation that are relevant to the region and the world.

Although Asia comprises many of the most populous nations in the world, and thus likely with the largest burden of end stage organ failure, organ transplantation has not developed to its potential among its member countries. Many Asian nations are on the cusp of developing organ transplant programs, while many others have well developed programs. Transplantation in Asia is also unique in that its practice is influenced by varied cultural and religious influences in the region. This heterogeneity in transplant development and practice offers an exciting opportunity to address the gaps and approaches to meet the challenges in transplantation.

### H I G H L I G H T S

- ▶ Development of deceased donation
- ▶ Ethical living donor transplantation
- ▶ Immunosuppression
- ▶ Immune regulation
- ▶ Rejection and tolerance
- ▶ Transplantomics
- ▶ Surgical and medical advances
- ▶ Complications of transplantation
- ▶ Barriers to organ donation and transplantation
- ▶ Approaches and solutions
- ▶ What is hot and new

### P R E C O N G R E S S W O R K S H O P S

Sunrise symposia  
Moderated Poster Sessions

Plenary Sessions  
Oral Abstract presentations

Symposia

For further information: e-mail: [contact.us@cast2015singapore.org](mailto:contact.us@cast2015singapore.org), Phone: +65 6411 6693  
website: <http://www.cast2015singapore.org/>

Early bird  
Registration  
deadline:  
30th June 2105  
Abstract  
Submission: 30th  
March 2015

ASIAN SOCIETY OF TRANSPLANTATION



## OFFICE BEARERS

## OFFICERS

<b>Shiro Takahara</b> <i>President</i>	Japan
<b>A Vathsala</b> <i>President Elect</i>	Singapore
<b>Kiil Park</b> <i>Immediate Past President</i>	South Korea
<b>S A Anwar Naqvi</b> <i>Secretary General</i>	Pakistan
<b>Daniel TM Chan</b> <i>Treasurer</i>	Hong Kong

## COUNCILORS

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<b>Saudi Arabia</b>	Mohammed Al Subayel
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<b>South Korea</b>	Curie Ahn In Sung Moon
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<b>Thailand</b>	Vasant Sumethkul Thanom Supaporn

## ADVISORY COUNCIL MEMBERS

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<b>Hiroshi Amemiya</b>	Japan
<b>Soo Tae Kim</b>	Korea
<b>S Adibul Hasan Rizvi</b>	Pakistan
<b>Marwan Masri</b>	Lebanon
<b>Zaki Morad</b>	Malaysia

# Asian Society of Transplantation

Asian Society of Transplantation (AST) endeavors to promote the growth in scientific knowledge, clinical practice and continuing education with emphasis on ethical practice of transplantation.

The Asian Society of Transplantation (AST) was established in 1987 when the charter members met at the annual congress of Asian Society of Nephrology (ASN). Objectives of the Society:

**Promotion of exchange of information relating to transplantation.**

**Development of medical, biological and social disciplines in transplantation in Asia.**

**Cooperation in the training at all levels of professional involvement i.e., nursing, transplant coordinator, pharmacists, physicians, surgeons and other disciplines involved in transplantation.**

## PAST CONGRESSES

<b>1st CAST</b>	Bali, Indonesia	1989
<b>2nd CAST</b>	Taipei, Taiwan	November 26-28, 1991
<b>3rd CAST</b>	Bangkok, Thailand	December 4-6, 1993
<b>4th CAST</b>	Seoul, Korea	August 27-30, 1995
<b>5th CAST</b>	Manila, Philippines	December 4-7, 1997
<b>6th CAST</b>	Suntec City, Singapore	September 20-24, 1999
<b>7th CAST</b>	Delhi, India	March 2-6, 2001
<b>8th CAST</b>	Kuala Lumpur, Malaysia	September 24-27, 2003
<b>9th CAST</b>	Karachi, Pakistan	November 23-26, 2005
<b>10th CAST</b>	Pattaya, Thailand	December 1-4, 2007
<b>11th CAST</b>	Beirut, Lebanon	October 1-4, 2009
<b>12th CAST</b>	Seoul, S Korea	September 25-28, 2011
<b>13th CAST</b>	Kyoto, Japan	September 2-6, 2013

## Preceding Events

# CAST 2013

September 3-6, 2013

Kyoto, Japan

**K**yoto, Japan welcomed over 1300 participants from 41 countries to attend 13th Congress of CAST from September 3-6, 2013. The scientific committee under the chairmanship of Prof. Shiro Takahara, prepared an exciting educational programme. It included plenary, concurrent, video and poster sessions on hot topics such as challenges of deceased and living donation in Asia, sensitization, immunosuppression, tolerance and stem cell transplantation.

The main feature of this meeting was a joint session of AST and ISODP which focused on low transplant rate in the continent of Asia and more importantly highlighting the low deceased donation activity.

President handing over the CAST insignia to Chairperson LOC, Singapore.



## Pope Francis meets with key members of the Transplantation Society traveling on behalf of the declaration of Istanbul; including the Mayor of Rome

“This is a world-wide problem,” Marino told journalists after the meeting. “And in recent years it has grown exponentially, because it is a phenomenon which takes advantage of poverty.”

“The Pope did not mince his words,” Marino told journalists. “He has authorized us to say publicly that we need to encourage the donation of organs out of compassion, but the trade in organs is immoral and a crime against humanity.”



Left to right: Mirela Busic, Mehmet Haberal, Ignazio Marino (Mayor of Rome), Beatriz Dominguez-Gil, Francis Delmonico, His Holiness Pope Francis

## Upcoming Conferences



### World Congress of Nephrology 2015

13-17 March 2015, Cape Town  
[www.wcn2015.org](http://www.wcn2015.org)



### 8th Congress 2015 International Pediatric Transplant Association

28- 31 of March 2015, San Francisco  
[www.iptaonline.org](http://www.iptaonline.org)



### 2015 American Transplant Congress

2-6 May 2015, Philadelphia  
[www.atcmeeting.org](http://www.atcmeeting.org)



# 14th Congress of the Middle East Society for Organ Transplantation

September 10-13 2014

Istanbul, Turkey



Aziz Al Matri, Ahad Ghods, Antoine Barbari, Anwar Naqvi, Marwan Masri, Antoine Stephan, Mehmet Haberal, Sir Roy Calne, Malek Hosseini, Faissal Shaheen, Philip O'Connel, Jeremy Chapman, Adib Rizvi.

The MESOT Conference last year was held in Turkey, Istanbul from 10th - 13th September 2014. This was organized in collaboration by the Baskent University and the Turkish Transplantation Society. Over 1000 attendees from all over the world attended this conference covering more than 55 countries.

The Congress President Prof. Mehmet Haberal along with the MESOT President Prof. S.A Malek Hosseini welcomed all the participants. Renowned Guest speakers from Middle East, Asia, USA, Canada, UK, Europe and Africa shared their valuable experiences in 6 plenary and 42 parallel sessions.

METCO organized a workshop for transplant coordinators to enhance living and deceased organ donation in the region. Transplant games from the 11th - 13th were well organized for donors and recipients where athletes from MESOT region participated in various games like running, bowling, swimming, table tennis etc.

The MESOT Award was handed over to the following individuals, recognizing their contribution in the field of transplantation.

Dr. Mustafa Al Mousawani (Kuwait) Dr Saman Nikeghbalian (Iran) Dr Antoine Barbari (Lebanon) and Dr Faissal Shaheen (Saudi Arabia).



**13th Congress of the International Society for Organ Donation and Procurement**

17-20 October 2015, Korea  
[www.isodp2015.org](http://www.isodp2015.org)



**17th Congress of the European Society of Organ Transplantation**

13-16 September 2015, Brussels  
[www.esot.org](http://www.esot.org)



**26th International Congress of The Transplantation Society**

18-23 August 2016, Hong Kong  
[www.tts.org](http://www.tts.org)

# Excerpt from the President's address at the World Transplant Congress 2014 (WTC)

26th - 31st of July 2014 | San Francisco

**“ We choose to go to the Moon in this decade and do the other things, not because they are easy, but because they are hard; because that goal will serve to organize and measure - the best of our energies and skills; because that challenge is — one that we are willing to accept, — one we are unwilling to postpone, — and one — which we intend to win. ”**



Travelling to the moon was a revolutionary heritage to mankind, In the same way so is Organ Donation and it still is. We seem to have concluded that as a field we have come to a limit of Scientific Innovation; however as a field of endeavor we have

not prioritized the needed scientific innovation in deceased organ donation. The work of organ donation - just as going to the moon - is hard but it also can organize and measure the best of us as humanity. The work of organ donation remains our beckoning frontier and now it must be successfully achieved - the same as going to the moon - with an urgency and plausibility. Today we have to commit to ourselves that before the end of this decade, we will see organs regularly transplanted from those who have died, with those organs known to be repaired before they are transplanted.

This goal set before us is a clear and of importance, and is achieved by common humanity, the way we are seen from the moon collectively. No matter of our color creed religion nationality we should donate and accept donations from others, e.g. Catholic from Dublin refuse a kidney transplant from a Protestant in Northern Ireland because the donor is Protestant? And what of the Sunnis in the Gulf, would they refuse a liver transplant from a Shi'ite from Shiraz? The genocide of the Balkans - would a Serbian soldier from Belgrade refuse a kidney from woman in Tuzla, Bosnia? Could not the life of a member of the Hutu tribe in Rwanda be saved by an organ transplant from a Tutsi, recalling a decade ago, more than 500,000 died within a few months, just because they were Tutsi? We are one and our sameness should be evident by the biological success of organ transplantation. We may have cultural identity but that does not have to differentiate between us. Another aspect of our common humanity is ability to be aware, conscious to be able to choose and create what makes us human. We help other even if they are not our own.

Organ donation and transplantation is also a testimony of that goodness that pairs all cultures and identifies us as human. The anonymous organ donation.

**Dr. Francis Delmonico** as *President TTS*

## Nobel Prize in Medicine for Stem Cell Research



John B. Gurdon

Shinya Yamanaka

**T**he Nobel Prize recognizes two scientists who discovered that mature, specialised cells can be reprogrammed to become immature cells capable of developing into all tissues of the body. Their findings have revolutionised our understanding of how cells and organisms develop.

John B. Gurdon discovered in 1962 that the specialisation of cells is reversible. In a classic experiment, he replaced the immature cell nucleus in an egg cell of a frog with the nucleus from a mature intestinal cell.

Shinya Yamanaka discovered more than 40 years later, in 2006, how intact mature cells in mice could be reprogrammed to become immature stem cells. Surprisingly, by introducing only a few genes, he could reprogram mature cells to become pluripotent stem cells, i.e. immature cells that are able to develop into all types of cells in the body.

These groundbreaking discoveries have completely changed our view of the development and cellular specialisation. We now understand that the mature cell does not have to be confined forever to its specialised state. Textbooks have been rewritten and new research fields have been established. By reprogramming human cells, scientists have created new opportunities to study diseases and develop methods for diagnosis and therapy.

Yamanaka and his co-workers introduced these genes, in different combinations, into mature cells from connective tissue, fibroblasts, and examined the results under the microscope. They finally found a combination that worked, and the recipe was surprisingly simple. By introducing four genes together, they could reprogram their fibroblasts into immature stem cells!

The resulting induced pluripotent stem cells (iPS cells) could develop into mature cell types such as fibroblasts, nerve cells and gut cells. The discovery that intact, mature cells could be reprogrammed into pluripotent stem cells was published in 2006 and was immediately considered a major breakthrough.

The Nobel Prize for Medicine, recognized the two scientists in 2013.

## Membership

# Professionals who are actively involved in transplantation are invited to join Asian Society of Transplantation.

### CATEGORIES OF MEMBERSHIP

**a Regular member** a medically qualified person who is involved or interested in the field of transplantation and is willing to abide by the Constitution of the Society.

**b Associate member** a non-medically qualified person involved in the field of transplantation or medically qualified persons from countries outside of Asia.

**c Honorary member** to be bestowed by the Society at the recommendation of the Executive Committee to an individual who is not a member of the Society.

**d Patron member** any individual or entity that supports the purposes of the Society.

### MEMBERSHIP FEE

Life Member	US\$ <b>200</b>
Member for 3 years	US\$ <b>60</b>
Member for 1 year	US\$ <b>20</b>

### JOINT MEMBERSHIP

## Joint membership with The Transplantation Society (TTS)

The members of countries in emerging and non emerging economies can avail the joint membership of **AST** and **TTS** at reduced cost.

Membership Fees	AST	TTS	Joint AST-TTS
Standard	\$ <b>20</b>	\$ <b>90</b>	\$ <b>110</b>
Emerging Economies	\$ <b>20</b>	\$ <b>45</b>	\$ <b>65</b>
Trainees & Associates	\$ <b>10</b>	\$ <b>22.50</b>	\$ <b>32.50</b>

### Benefits of membership of TTS

The opportunity to be a part of the leading global network of physicians, surgeons and basic scientists involved in transplantation, representing more than 96 countries around the world.

Free online access to the “**Transplantation**” journal and free educational material on the Society’s website.

Reduced registration fee at our International congresses.

**TTS newsletter** updating members about TTS activities in the transplant community.

If you wish to become a member please visit our website [www.txasia.org](http://www.txasia.org) and you can download the application form.

Please send the original application form to:

▶ **Dr. S. Ali Anwar Naqvi** | *Secretary General*

**Sindh Institute of Urology and Transplantation (SIUT)**

Civil Hospital, Karachi-74200 Pakistan.

Tel No. (92-21) 32730351 & 32730387

Fax No. (92-21) 99215469

Email: [info@siut.org](mailto:info@siut.org); [anaqvi@siut.org](mailto:anaqvi@siut.org)

Please send a copy of the application form and a COPY of proof of payment to:

▶ **Prof. Daniel T M Chan** | *Treasurer*

**University Department of Medicine Queen Mary Hospital,**

Pokfulam Road, Hong Kong SAR.

Tel: (852) 2855 4542, Fax No.: (852) 28725828

E-mail: [cbys@hkucc.hku.hk](mailto:cbys@hkucc.hku.hk).

For further details please visit our website:

[www.txasia.org](http://www.txasia.org)

All AST members can avail this opportunity. For further details please contact:

▶ **Ms Amanda Mayer**

*Membership Services Coordinator*

International Headquarters

**The Transplantation Society**

1255 University Street Suite 605,

Montreal QC Canada H3B 3V9

Skype: +1 514 874 1717 #215

Fax: +1 514 874 1716

Email: [membership@tts.org](mailto:membership@tts.org)

Website: [www.tts.org](http://www.tts.org)



**SECRETARIAT:**

**Sindh Institute of Urology and Transplantation (SIUT)**

Civil Hospital, Karachi-74200 Pakistan.

Tel No. (92-21) 32730351 & 32730387

Fax No. (92-21) 99215469

Email: [info@siut.org](mailto:info@siut.org)