



... and its Sections

| Cell Transplant Society | International Hand and Composite Tissue Allotransplantation Society | International Pancreas and Islet Transplant Association |  
| International Society for Organ Donation & Procurement | International Xenotransplantation Association | Intestinal Transplant Association | Transplant Infectious Disease |

August 2010 • Volume VI • Issues IV-V

OFFICIAL NEWSLETTER OF THE TRANSPLANTATION SOCIETY

## Prince of Asturias Award for International Cooperation

awarded to The Transplantation Society and the

Spanish Organización Nacional de Trasplantes (ONT)



S.A.R. el Príncipe de Asturias  
Presidente de Honor  
de la Fundación



The Transplantation Society, in conjunction with the Spanish "Organización Nacional de Trasplantes" (ONT), has been recognized by award of the "Prince of Asturias Award for International Cooperation" (see [www.fpa.es](http://www.fpa.es)). This is a highly esteemed international award, included amongst its previous winners are Nelson Mandela, Al Gore, the Bill and Melinda Gates Foundation, Helmut Kohl, Lula da Silva, the WHO,

Mikhail Gorbachev and other equally prestigious contributors to the goal of international cooperation. Established in 1980, these awards aim to contribute to encouraging and promoting the scientific, cultural and humanistic values that form part of mankind's universal heritage, and are considered as the "Spanish Nobel prizes".

– Rafael Matesanz, ONT

### ... selected excerpts from the citation

More than a million people in the world could benefit from a transplant each year, but only around 100,000 do so in the end, due to the lack of organs and infrastructure. Bearing this in mind, both TTS and ONT have contributed significantly to the international community aiming to increase donations, improve management and, to sum up, bring life to thousands of people worldwide.

In close cooperation with the World Health Organization, The Transplantation Society and the ONT has led during the last years the global strategy on donation and transplantation. This has been crucial for the establishment of new legislation in countries that did not have any in the fight against transplant tourism and organ trafficking and on the promotion of donations and transplantations for the entire world. This Award acknowledges this collective effort from the ONT and the TTS and must serve as a way to reinforce this line of action in the future. Many lives depend on this.

### ... official statements on being bestowed with the award

"The Transplantation Society is honoured and delighted by this award which recognises both ONT and The Transplantation Society, but which most importantly recognises, respects and honours all organ and tissue donors across the world for the new chance of life that they provide to others in desperate need".

– Jeremy Chapman, TTS President

"The Prince of Asturias Award for International Cooperation for the ONT is a recognition of the long trajectory of the Organisation that coordinates and leads the Spanish transplant system and that has put our country at the forefront of the world for taking these therapeutics to all five continents with the aid of the International Transplantation Society.

– Rafael Matesanz, ONT Director

THE FIFTH DECADE OF INTERNATIONAL COOPERATION, INNOVATION, GROWTH AND PROGRESS

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Dear Members,

The consequences of success will be the theme for the Presidential Plenary session in Vancouver on August 18th. The time for proclaiming transplantation as the modern miracle has long passed, as we implement an increasingly standardised clinical care for around 100,000 people each year, across about 80 countries. Success of this therapy is excellent in the short term and the need for enhanced access to transplantation is now driven by the ever increasing numbers of people with treatable disease and not by enthusiast transplant centres in high technology hospitals.

It is a time for re-evaluation. The WHO has reviewed and revised its focus on transplantation equity and care of the individual remain, but there is renewed attention to quality, safety, transparency and privacy. Science graduates flocking to Transplantation as an outlet for translation of their ingenuity for the benefit of mankind, have reviewed success in transplantation and are now turning to the potentially more challenging fields of cancer and stem cell biology. The pharmaceutical and medical device industries are looking at our short term success rates and wondering how they can deliver proof of benefit from new approaches. We have seen the dreadful consequences of the rich seeking application of our therapeutic success for themselves, at the cost of health and welfare of the poor and vulnerable in our world. Governments are looking at the cost of transplantation and wondering how they can deliver the money, workforces and infrastructure required to enhance transplantation services.

We will hear from those in science at the highest levels delivering their views of where we have been and where we must go to learn from the success we have achieved and build on the consequences of that success. We will hear of the changes made by governments working together and the international momentum to manage disease treatable by transplantation in a comprehensive manner.

I write my last newsletter to the Society with my thanks for all that have supported the efforts of the last two years: Council and Officers of TTS; the Director of Medical Affairs; the Director of Society Operations and her staff; our important relationships with the officers of the WHO, the section Presidents and their councils; TTS committee chairs and their members; the Declaration of Istanbul Custodian group; Country Affiliate Presidents and their councils; and certainly not least our industry partners. The list is a long testament to our common cause. I must pay tribute to my family and colleagues who have tolerated, with remarkably good grace, stepping in at short notice to fill whatever gaps I have left behind in Australia. I note that my email count for the last couple of years has just topped 65,000 and I am sure that I must have tortured a similar number of people with my communications. Thank you for sending them and thank you for reading them.

There are many consequences of success in transplantation and I am confident that the many strengths of The Transplantation Society and the constantly renewing leadership will provide us all the capacity that will be needed.

With my best wishes,

**Jeremy R. Chapman**  
President  
The Transplantation Society  
president@tts.org

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## STRENGTHENING THE GLOBAL LEADERSHIP OF TTS



**Gerhard Opelz**  
Incoming President  
The Transplantation Society

The TTS presidential term of two years begins and ends with the biannual Society congress. Jeremy Chapman has been our president since the Sydney congress in 2008, and will hand over the baton at the 2010 congress in Vancouver. His presidency has spanned a particularly successful period for the Society and everyone familiar with its operations knows that the credit for this lies first and foremost with Jeremy. His dedicated leadership has left an imprint that will long be recognized and has set the stage for further development of TTS as an international influence. Today, TTS is recognized as the primary voice for the transplant community with the World Health Organization and other global bodies. The pivotal WHO resolution WHA 63.22 was passed after Jeremy's presentation to the World Health Assembly in Geneva. He was also instrumental in the continued progress of the Declaration of Istanbul Custodian Group in their fight against organ trafficking. Jeremy was a tireless

ambassador for TTS, attending countless meetings around the world and building fruitful relationships with national and international transplant societies as well as with corporate partners. Not least, he has strengthened the role of TTS in scientific and clinical research, most notably through active support for scientific conferences and organization of New Key Opinion Leader meetings. The award to TTS of the prestigious Prince of Asturias Prize 2010 recognized the scale of these achievements.

As the incoming president, the last two years have been an important learning period for me. TTS is in a stronger position than ever before, but new challenges lie ahead as the Society looks forward to continuing and expanding its leadership role in transplantation. I am grateful that Jeremy has offered me his continued advice and support during the term of my presidency.

## PASSING THE TORCH Jeremy R. Chapman | Gerhard Opelz

TTS has been exceedingly fortunate over the past few years to benefit from the efforts, enthusiasm, and wisdom of a remarkable group of individuals who have served as Officers and sat on the Council. Under their leadership and guidance, our Society has flourished. But time moves on and the old order changes. All of us are most grateful to the services of Past-President Nicholas Tilney, Vice-President Megan Sykes and Councilors Maggie Dallman, Mehmet Habral, Stephen Lynch, Manikkam Suthanthiran, Koichi Tanaka, Yves Vanrenterghem and Federico Villamil. The Society owes these individuals a great debt. They can be very proud of what they have accomplished.

## TTS ELECTS NEW COUNCIL

TTS would like to thank its members for voting in the recent elections of TTS Officers and Councilors for the term 2010-2012. We are pleased to introduce your new Council. Congratulations to the new elect officers and council members.



**President-Elect**  
Francis Delmonico



**Vice President**  
Ron Shapiro



**Treasurer**  
Henrik Ekberg



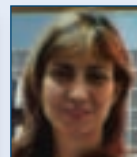
**Councilor**  
Nancy Ascher  
(North America)



**Councilor**  
Elmi Muller  
(Middle East / Africa)



**Councilor**  
Philip O'Connell  
(Oceania)



**Councilor**  
Maria Cristina  
Ribeiro de Castro  
(Latin America)



**Councilor**  
Vasent Sumethkul  
(Asia)



**Councilor**  
Annika Tibell  
(Europe)

## RETURNING OFFICERS AND COUNCILORS



**Senior Treasurer**  
Hans Sollinger



**Secretary**  
John Fung



**Councilor**  
Marcelo Cantarovich  
(North America)



**Councilor**  
Pierre A. Clavien  
(Europe)



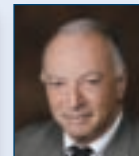
**Councilor**  
Gabriel Danovitch  
(North America)



**Councilor**  
David H. Sachs  
(North America)



**Councilor**  
Satoru Todo  
(Asia)



**Councilor**  
Andreas Tzakis  
(North America)



**Director of  
Society Operations**  
Filomena Picciano





**Francis Delmonico**  
Director of Medical Affairs

## TTS to Focus upon Deceased Donation

The Transplantation Society intends to devote its efforts towards developing deceased organ donation throughout the world. In those countries in which programs of deceased donation already exist, the goal of TTS is to enhance those efforts. In those countries in which deceased donation does not exist, a blueprint for the development of a program for deceased organ donation is being undertaken in collaboration with the World Health Organization.

A critical pathway has been developed that presents an algorithm of progression from a possible deceased donor to a utilized organ donor. A utilized donor is a deceased individual from whom an organ was recovered and transplanted. A patient hospitalized with a devastating brain injury enters the critical pathway when a clinical decision has been made that further treatment would be futile. The pathway displays an organ donation process that can evolve following either death determined by neurologic criteria or death following an irreversible absence of cardio-respiratory function.

Each country has a responsibility to assess the transplantation needs of its own people. Deceased organ donation becomes central to fulfilling that objective.

## Global effort to combat organ trafficking



The Declaration of Istanbul Custodian Group (DICG) was formally constituted in Cairo Egypt in March, 2010. The terms of DICG membership and responsibility of DICG Task Forces were established. For example, a Professional Organization Task Force will assist the 90 organizations that have endorsed the Declaration in the implementation of its Principles.



A Patient Affairs Task Force has been underway in a global effort to promote the welfare of individual donors and recipients by alerting Ministries of Health to those that have been subjected to transplant commercialism, tourism and trafficking. The Patient Affairs Task Force intends to develop an annual report to document the extent of international organ trafficking and bring to the Declaration of Istanbul website important developments that includes national legislation prohibiting transplant tourism.

An informational brochure has been developed and printed (available on the Declaration of Istanbul website [www.declarationofistanbul.org](http://www.declarationofistanbul.org)) that cautions potential transplant recipients regarding the hazards of transplantation in foreign destinations. This brochure has been translated into a dozen languages and will be distributed through the DICG emissaries in the 100 countries with transplantation practices. Recently, pharmaceutical companies have been seeking the oversight of the DICG in the review of clinical protocols proposed in countries that have been the site of transplant tourism and trafficking.

The next meeting of the DICG will be at the Vancouver Congress in August 2010.

To download a copy, visit:  
[www.declarationofistanbul.org](http://www.declarationofistanbul.org)

## *The Madrid Resolution on Organ Donation and Transplantation*

In response to the global disparities in access to transplantation, a growing demand for organs, and the self-evident harms of transplant tourism, a meeting of 140 representatives of international scientific and medical bodies, government officials and ethicists was held in Madrid from the 23rd to the 25th of March, 2010. This **Third Global Consultation** was organized by the World Health Organization, The Transplantation Society, and the Spanish National Transplant Organization (Organización Nacional de Trasplantes), and supported by the European Commission. The purpose of the meeting was to call for a global goal of national responsibility in satisfying organ donation and transplantation needs, with sufficiency based on resources obtained within a country for that country and via regulated and ethical regional or international cooperation, when needed.

The Third WHO Global Consultation carries forward the principles laid out in the WHO Guiding Principles on Human Cell, Tissue and Organ Transplantation and the **Declaration of Istanbul on Organ Trafficking and Transplant Tourism**. The Guiding Principles articulate the importance of pursuing national or sub-regional self-sufficiency in organs for transplantation, in particular through increased efforts to promote deceased donation. The Declaration of Istanbul further states that, "Jurisdictions, countries and regions should strive to achieve self-sufficiency in organ donation by providing a sufficient number of organs for residents in need from within the country or through regional cooperation." The goal of the Madrid consultation was to confront the self-sufficiency paradigm from a practical perspective, developing a comprehensive strategic framework for policy and practice directed at the global challenges of a shortage of organs for transplantation and unmet patient needs. Therefore, the Madrid Resolution expresses both a pledge to progress in satisfying organ donation and transplantation needs, and a roadmap of how this may be achieved.

## **The Transplantation Society is looking for a new Director of Medical Affairs**

After 4 years Francis Delmonico is moving to a new role in TTS and we are looking for a new DMA to start sometime after October 1st 2010. The role is remunerated as part time and will remain integral to the smooth running of the society - the science, education and meeting activities in particular. If you are interested in the role then please email [president@tts.org](mailto:president@tts.org) and make sure that you catch up with Jeremy Chapman, Gerhard Opelz or Francis Delmonico during the congress.

## *Revised WHO Guiding Principles*

On May 21st 2010, the 63rd World Health Assembly (WHA) endorsed the WHO Guiding Principles on human cell, tissue and organ transplantation.

The salient aspects of the Revised Guiding Principles are summarized as follows:

- Cells, tissues and organs may be removed from the bodies of deceased persons for the purpose of transplantation only with consent;
- Physicians determining that a potential donor has died should not be directly involved in cell, tissue or organ removal from the donor or subsequent transplantation procedures;
- Donation from deceased persons should be developed to its maximum therapeutic potential;
- In general, living donors should be genetically, legally or emotionally related to their recipients.
- Cells, tissues and organs should only be donated freely, without any monetary payment or other reward of monetary value.
- Advertising the need for or availability of cells, tissues or organs, with a view to offering or seeking payment to individuals for their cells, tissues or organs, or, to the next of kin, where the individual is deceased, should be prohibited.
- The allocation of organs, cells and tissues should be guided by clinical criteria and ethical norms, not financial or other considerations.
- Allocation rules, defined by appropriately constituted committees, should be equitable, externally justified, and transparent.
- High-quality, safe and efficacious procedures are essential for donors and recipients alike.
- The organization and execution of donation and transplantation activities, as well as their clinical results, must be transparent and open to scrutiny, while ensuring that the personal anonymity and privacy of donors and recipients are always protected.



Please visit [www.tts.org](http://www.tts.org) to read the WHO Guiding Principles in their entirety.

# WELCOME TO VANCOUVER

## THE CONGRESS STARTS TODAY!



## XXIII International Congress of The Transplantation Society

AUGUST 15 – 19, 2010 | VANCOUVER, CANADA

We are now preparing to welcome transplant teams from throughout the world to the XXIII International Congress of The Transplantation Society in Vancouver, British Columbia, and look forward to sharing with you all a wonderful combination of cutting-edge science and world famous West Coast charm and hospitality.



The Postgraduate Weekend on August 14-15 has been designed by co-chairs John Gill and Marcelo Cantarovich to provide trainees, nurses and allied health personnel, scientists and established clinicians a comprehensive overview of the exciting breakthroughs and leading practices in transplantation today. In the opening Plenary symposium on Saturday morning, **Sam Shemie will address the Evolution of Deceased Organ Donation** and **Peter Nickerson will review the Evolution of Tissue Typing**, followed by an informative session on the Issues and Challenges of Drug Development in the Current Era.

Various workshops throughout the day will provide updates on clinical immunosuppression, diagnostics, infections, organ procurement and donation, allied health and transplant nursing, and a host of other key topics. The PGW and CTA Joint Session on Sunday are designed for those with a particular interest in research and publication, with expert advice on how to design a research study, how to write a successful grant proposal, and how to get your paper published in a top-quality medical journal. You will not want to miss this great kick-off weekend.

The Opening Ceremony for the Congress on Sunday, August 15 will take place in the spectacular new West Wing of the Vancouver Convention Centre, overlooking the beautiful Vancouver Harbor. The Congress Chair and Presidents of the host Societies, along with Canadian dignitaries, will welcome the international delegates to the Congress and the representatives of the various Sections of the Society will provide a brief review of the exciting innovations in their respective areas. The welcome reception following the opening ceremony will enable you to meet old and new friends from around the world. The spectacular views from the Congress Centre alone are worth the trip, but we hope that the relationships you will make or renew will be even more enjoyable and valuable.

The Scientific Program from Monday, August 16 to Thursday, August 19 offers an outstanding compilation of scientific achievements in the field of transplantation, presented by a blue-ribbon panel of international authorities in their various disciplines. More than fifty plenary, state of the art, and sunrise symposia will provide cutting edge innovation for everyone from the trainee investigator to the seasoned clinician. The **plenary speakers are among the foremost leaders in their fields**, from **Dr. Leroy Hood introducing "The Vision and Future of Systems Biology"**, to **Dr. Philippa Marrack describing "Why The Alloresponse So Strong"**, **Dr. Christian**

**Larsen on "Inducing Transplantation Tolerance", and Dr. David H. Sachs presenting the future of "Tolerance in clinical transplantation".**

The scientific program encompasses almost one hundred oral and mini-oral sessions from all key areas of transplantation, supported by a rich and diverse program of electronic posters on related topics. The closing Symposium will summarize the outstanding themes of the week in both basic and clinical domains. All scientific sessions will be recorded and accessible on The Transplantation Society website for reference after the Congress. The value of the Congress is enriched by fostering communication and interaction with and between experts in all fields through interactive panel discussion on all the key scientific issues of the day from social policy and ethics to molecular medicine and scientific methods. We have capitalized on technology innovation to promote new ways of sharing information, and have over 1,000 electronic posters with scores of mini-oral sessions, highlighting the cream of the poster selections, for you to review alone or discuss with your colleagues.

The President's Plenary is always a focal point of the Congress, highlighting the Young Investigator Awards and other Congress Awards, and showcasing the presentation of the Medawar Prize, the premier award in transplantation biology and medicine. The Presidential Address by the Society President, **Dr. Jeremy Chapman from Sydney, Australia will explore the successes and challenges of transplantation** as we have advanced from an experimental procedure to a clinical discipline, and lay the groundwork for the future. **Presidential Plenary addresses from Dr. Calvin Stiller, 2010 Gairdner Laureate, and Dr. Sydney Brenner, 2002 Nobel Laureate**, will build on this framework to define the contributions of Society in research innovation and the contribution of biotechnology as we progress through the coming decade.

But we do not want to confine ourselves only to science, and we hope that you will enjoy the wide selection of social events designed for varied tastes and interests. You can discover our beautiful marine life on a whale-watching expedition on the open sea; take in our world-famous Bard on the Beach Shakespearean festival; stroll through the city with your camera on a special Photographer's tour; or even take off-site trips to Whistler or charming Victoria for a day of shopping and sightseeing. Of course, we will have a wonderful Gala dinner hosted during the Congress as well which we know you will enjoy. Our region has some of the most wonderful shopping, cuisine, and cultural events in the world – and we're excited to share them with you.

So, on behalf of your Canadian colleagues and Council of The Transplantation Society, we are delighted to welcome you to our beautiful city, and the XXIII International Congress!

Dr. Paul Keown, Chair  
2010 Transplant Congress  
[www.transplantation2010.org](http://www.transplantation2010.org)



## Berlin – a city in motion - invites the world to The International Transplant Congress in 2012



Berlin has become one of the most inspiring and exciting cities of Europe after the fall of the wall. The setting with its mysterious and spectacular locations, and its overwhelming history, reflects not only the latest world history, but rather is an interface between the past and the future.

The city of Robert Koch and Max Planck with its remarkable scientific tradition, makes it the ideal place for the Deutsche Transplantationsgesellschaft to host such an important scientific event as the XXIV International Congress of The Transplantation Society, to be held from July 15th to 20th, 2012.

The Local Organizing Committee reserved the International Congress Center Berlin (ICC) as the host venue. The congress will investigate new horizons, basic innovations and limitations in molecular medicine relating to biology, immunology and pharmaceutical manipulation of the immune response. One focus will be all the aspects of clinical transplantation and the role of stem cells and regeneration of modern transplant medicine.

As a scientific meeting in the center of society, ethical, societal and socio-economic topics of organ procurement and allocation will also be an important aspect.

A highlight of the congress will be a unique scientific session, namely the Forum Futurum, focusing on varied topics such as intensive care, imaging and regenerative medicine. The Forum Futurum will be an interactive platform for discussing cutting edge science in our field.

The National Executive Committee includes the current and the former DTG presidents and representatives of The Transplantation Society, who will welcome members from all over the world to provide their expertise as speakers, committee members and program chairs in all areas.

The Deutsche Transplantationsgesellschaft, with the support of The Transplantation Society, will ensure that the 2012 Congress will be exceptionally fascinating and enriching, and remains one of the most memorable congresses.

Prof. Dr. Peter Neuhaus, Chair  
2012 Transplant Congress  
[www.transplantation2012.org](http://www.transplantation2012.org)



## 2010 MEDAWAR PRIZE

The Medawar Prize recognizes the world's most outstanding contributions in the field of transplantation. It is funded from a generous endowment by Novartis Pharma AG to The Transplantation Society (TTS). The 2010 Medawar Prize recipient will be announced at the TTS Presidential Plenary and added to an illustrious group of 26 previous Medawar Laureates.

## 2010 TTS RECOGNITION AWARDS

Recipients of the 2010 TTS Recognition Awards will be announced at the TTS Presidential Plenary.

TTS-Genzyme Award for Innovation in Surgery and Technology

TTS-Genzyme Award for Education and Training in Transplantation

TTS-Novartis Award for Outstanding Investigator Driven Clinical Trial

TTS-Novartis Award for Outstanding Contribution to the Evidence Base for Transplantation

TTS-Roche Award for Outstanding Achievement in Transplantation (Basic)

TTS-Roche Award for Outstanding Achievement in Transplantation (Clinical)

TTS-Roche Award for Excellence in Translational Science

TTS-Roche Award for Worldwide Impact in Transplantation

TTS-Roche Award for Transplant Infectious Disease

TTS-Roche Travel Grant for the highest scoring abstract from the New Key Opinion Leader Group

TTS Travel Grants for the highest scoring abstracts from the New Key Opinion Leader Group (2 awards)

## 2010 TTS-ASTELLAS YOUNG INVESTIGATOR AWARDS

Ten TTS-Astellas Pharma Young Investigator Awards will be presented to TTS Members with the highest scoring abstracts during the Vancouver Congress. These awards will be presented during the TTS Presidential Plenary.



## *First-ever "Transplantomics" meeting which brought together disciplines in transplantation research in genomics, proteomics, informatics and clinical transplantation*

The 1st International Conference on Transplantomics and Biomarkers in Organ Transplantation was held in San Francisco on February 24-26, 2010. Hosted by The Transplantation Society, and co-hosted by the Immunity, Transplant and Infection (ITI) Institute at Stanford University, the conference brought together myriad disciplines in transplantation research including genomics, transcriptomics, proteomics, metabolomics, informatics, next-generation sequencing technologies, imaging and clinical transplantation.

In the opening message at the conference, Jeremy Chapman, President of The Transplantation Society highlighted the advancements of transplantation biology over the past 60 years, along with two main challenges that lie ahead. First, rates of long-term graft survival are no different now than they were 30 years ago. And although mortality rates of those with transplants are reduced compared to those on dialysis, they are still significantly higher than the normal population. To address these challenges he proposed that this new decade of research may be the "era of individualized therapy."

The Conference began with a well attended workshop, that exceeded registration projections, where key technologies in "omics" were reviewed by experts in academia and industry, followed by an exciting discussion session of novel and cutting edge applications, many of these being unpublished.

The conference Chair Minnie Sarwal, and Co-Chairs Atul Butte and Mark Davis, all from Stanford University in Palo Alto, California, highlighted the meeting as a way to bridge the gap between basic research and medical science to help unify and advance the nascent field of Transplantomics. It is clear that in order to go from bench to bedside, the current silos of data from individual labs need to give way to a more collaborative and progressive environment. To break down these walls, the conference featured 30 talks, most covering unpublished data, to cover a wide breadth of topics in transplantation biology and biomarker research. Representation of speakers from the FDA provided key insights into the processes necessary to develop and validate markers for clinical application. Mini-oral presentations and a poster session, in addition to these 6 main



Feb. 24 Workshop (from left to right) M. Sarwal, Caroline Dando, Holden Maecker, Smita Ghanekar, Kathryn Wood, Alice Fan, Sean Bendall, Jeremy Chapman

sessions of talks, served to provide even more opportunities for information and open discussion among attendees.

Individualized therapy was very much the focus of the conference. The prominent topic at the conference was the search for both diagnostic and predictive biomarkers for allograft dysfunction that could be used for personalized treatment of patients. A variety of other themes were also highlighted throughout the conference, including, but not limited to: the use of protocol and for-cause biopsies for microarray and histological analysis, the use of non-invasive methods for biomarker discovery, the pitfalls of relying solely on the "gold standard" criteria for biopsy classification, low cost and time efficient diagnostic and analysis tools, defining and identifying causative versus correlative biomarkers, and compiling/harnessing information in the public domain.

This first Transplantomics Meeting was very well received by the 180 attendees who highlighted that this meeting filled a critical unmet need to bridge the gap between translation of human high throughput discovery based studies to benefit the clinical care of the transplant patient. By popular vote, this new Transplantomics meeting will now be held annually, alternating locations within and outside the US. The second Transplantomics meeting will be held in sunny Barcelona in Spain in 2011. We hope to see many of you there!

– Minnie Sarwal, Chair

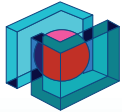
## AFFILIATED NATIONAL SOCIETIES

The Transplantation Society is proud to announce an additional eight national societies have taken advantage of reduced TTS Membership fees by joining our Affiliated National Society Program. Below is a complete list of affiliated societies:

Asociacion Guatemalteca de Nefrologia  
Associacao Brasileira de Transplante de Orgaos (ABTO)  
Canadian Society of Transplantation /  
Société canadienne de transplantation (CST)  
Chilean Transplantation Society  
Korean Transplantation Society

Sociedad Argentina de Trasplantes (SAT)  
Swedish Transplantation Society  
Swisstransplant Society (STS)  
Thai Transplantation Society  
Transplant Society of Pakistan  
Transplantation Society of Australia and New Zealand (TSANZ)





**International Society  
For Organ Donation  
and Procurement**

The ISODP is in the process of a strategic planning for the future. For the first time ever the society worked itself through a process defining their current position in the framework of TTS, WHO and numerous organizations around the world having one goal, "Improving organ donation".

The result of this process is the definition of three main target points

- improving professional practice
- enabling information sharing
- fostering international networking

The members of the society had been integrated into this discussion taking their thoughts as a basis for more precise definitions. The whole process will be open to discussion during the strategic planning meeting in Vancouver on August 17th at 1:00PM in Room 304-305.

Please join us for this important event. Take part in the discussion and step forward by becoming a member of ISODP. We are looking forward to your input and your help.

The **11<sup>th</sup> ISODP conference** is scheduled for **November 27 to 30, 2011**, in Buenos Aires, Argentina under the chair of Dr. Carlos Soratti. We are looking forward to the next important conference of our society which will give the opportunity to discuss further issues being raised during other meetings and which are important for your day to day work. Save the date, submit your abstracts and take part in the meeting.

Further details will be published on [www.isodp.org](http://www.isodp.org)

For suggestions, ideas and thoughts don't hesitate to contact me directly. I appreciate your input into the work of the society.

Guenter Kirste, ISODP President  
[guenter.kirste@dso.de](mailto:guenter.kirste@dso.de)

A new Basic Science Committee co-chaired by Anita Chong, University of Chicago and Stefan G. Tullius, Brigham and Women's Hospital, Harvard Medical School has been constituted. The committee is charged with the promotion of Basic Science Agenda for TTS. To this end, the active participation of young researchers/scientists for the XXIII International Congress of The Transplantation Society has been supported by 27 Basic Science Mentee/Mentor Travel Awards.

The importance of basic science in transplantation will be further celebrated with a Networking and Awards in Basic Science Reception co-sponsored by TTS and CTS on August 17 from 17:30 to 19:00 in room 306 of the VCC.

Finally the committee is actively developing an outstanding scientific and social program for the **XII TTS Basic Science Symposium** and **II ESOT Basic Science Meeting** to be held from **June 11-14, 2011** in **Cape Cod (Boston), USA**.



Anita Chong



Stefan G. Tullius

## WOMEN IN TRANSPLANTATION ... PAST, PRESENT AND FUTURE

WIT will also be holding a Networking Luncheon on Tuesday, August 17, 2010 from 12:00 to 13:30 at the Vancouver Convention Centre, West Building, room 301. Get a chance to socialize with women working in the field of transplantation and have the opportunity to hear our guest speaker **Dr. Heather**



Heather J. Ross  
BSc, FRCPC, MD, MHS

**Ross**, Director of Cardiac Transplant and Deputy Director of MultiOrgan Transplant at the Toronto General Hospital in Toronto, ON, Canada, speak about **The North Pole: A 'Test Your Limits' Odyssey**. The session will be chaired by Dr. Lori J. West from the University of Alberta, Edmonton, Canada

## CONGRESS RECORDINGS Free access for TTS Members!



*For the first time, at the 2010 Vancouver Congress, all the sessions will be recorded and made available to the membership within 7 days ... and at no supplemental charge!*

## Life Sciences Building named for organ transplant pioneer from L.A.'s Boyle Heights neighborhood

**P**aul Ichiro Terasaki, who as a teenager and young adult worked as a busboy, gardener and handyman and who spent three years interned with his family in a Japanese American relocation camp during World War II, has given \$50 million to the Division of Life Sciences in the UCLA College of Letters and Science.

Terasaki's gift is the largest ever given to the UCLA College and is among the largest received by the university in its 91-year history.

In recognition of the gift, UCLA's new Life Sciences Building has been named the Terasaki Life Sciences Building for the UCLA professor emeritus of surgery and pioneer in organ transplant medicine who in 1964 developed the test that became the international standard method for tissue typing, a procedure that assesses the compatibility of organ donors and recipients.

Terasaki's gift includes \$2 million to endow the Paul I. Terasaki Chair in Surgery at the David Geffen School of Medicine at UCLA, whose funds initially will support two postdoctoral fellowships in transplantation.

"I owe my whole career to UCLA," Terasaki said. "UCLA gave me the opportunity to do the research that led to the development of tissue typing. At many other universities, I would not have had that kind of freedom in the lab."

"Dr. Terasaki is an inspirational role model and a great scientist who has had a nearly lifelong relationship with UCLA, as a student, professor, donor and father of UCLA alumni," UCLA Chancellor Gene Block said. "The Life Sciences under Dean Victoria Sork are at the core of UCLA's excellence, and I am absolutely delighted that our new Life Sciences building will be named for Dr. Terasaki. I am extremely grateful for his visionary philanthropy."

"Most advances in medicine are rooted in the life sciences," Terasaki said. "That background opened the door to my research and proved vital to my medical discoveries."

The Terasaki Life Sciences Building includes 33 laboratories, where hundreds of scientists will conduct state-of-the-science research integrating such fields as cell biology, neuroscience, genomics and stem cell research. It is scheduled to open in October.

"The Terasaki Life Sciences Building is a metaphor for what UCLA is doing in the Life Sciences, the essential science of the 21st century," Sork said. "This building is designed to enhance interactions among scientists with different tools, approaches and ways of thinking. Increasingly, scientists across disciplines are sharing in empirical and computation approaches that benefit from exchange. The new life sciences provide the foundations for understanding biomedical innovations, applied human health problems and biodiversity challenges facing our planet, and this research will lead to improvements in how we live. The translation of this deep research across all areas into applications is becoming increasingly common, and interdisciplinary collaboration of the kind we will see in this new building is key."

"I am pleased that Dr. Terasaki will continue his research, which has extended the lives of so many people, at UCLA," Sork added. "Indeed, just this month, at a major scientific conference in San Diego, he reported an important advance on 16 patients who had



Paul Ichiro Terasaki in front of UCLA's Terasaki Life Sciences Building  
(Credit: Leslie Bartoni)

kidney transplants and have survived for two years without drugs since their surgeries — a significant advance known as achieving the 'holy grail of tolerance' with transplants."

Terasaki, after being promoted from researcher, served as a UCLA professor of surgery from 1969 until 1999, when he retired. Within a year, he

resumed his academic pursuits with the creation of the Terasaki Foundation Laboratory, a research center dedicated to the study of antibodies to transplants.

He has published more than 900 scientific articles and has trained some 100 postdoctoral scholars at UCLA. Today, Terasaki is aided by more than 100 laboratory workers who have worked with him for 10 to 40 years at One Lambda and the Terasaki Foundation.

"I owe any success I had to a large group of colleagues who toiled with me for the past 40 years," he said.

While nearly every faculty member in surgery departments at UCLA and elsewhere had M.D. degrees, Terasaki was an exception, with a Ph.D.

"It was an important promotion for me because I was not an M.D. or a surgeon," he said. "It was very rare, and I was very pleased. In the whole country, there were not many other Ph.D.s who were professors of surgery. I am grateful to Dr. William Longmire, who was UCLA's chairman of surgery. It was because of the freedom that he allowed me in my research that I was able to develop tissue typing. Dean Sherman Mellinkoff provided the medical school with the environment that encouraged innovation."

Terasaki's generosity to UCLA goes back years and covers many parts of the university. In 2001, he established an endowed chair in U.S.–Japan relations, and in 2006, he and his wife contributed \$5 million to UCLA to promote better understanding between the United States and Japan at the renamed Paul I. and Hisako Terasaki Center for Japanese Studies at the UCLA International Institute.

Now 80 years old, he is still looking to the future.

"I'm happy to have my name on this state-of-the-art Life Sciences Building at UCLA, where many new and amazing discoveries will take place," he said. "For me, it is exciting to know that the clinical research I began in the life sciences will continue in collaboration with the transplant groups at UCLA."

– Article by Stuart Wolpert, UCLA Newsroom  
Read the full article:

<http://newsroom.ucla.edu/portal/ucla/paul-terasaki-donates-50-million-158486.aspx>

***"Dr. Terasaki served as TTS President from 1982 to 1984 and has held various positions within TTS over the last four decades. TTS is proud to congratulate him on his recent contribution"***



**Camillo Ricordi**  
Congress Chair

The past decade has witnessed more information emerging from the biomedical fields than the preceding 3000 years. However, global health is threatened by an exponential growth of degenerative disease conditions with only modest increase in longevity, but not disease-free lifespan. Old models of academic and corporate translational research are increasingly less effective and inadequate to address escalating health care costs worldwide. Improving longevity in disease-free conditions will require the development of novel, clinically applicable strategies for the replacement, repair and regeneration of failing or injured tissues and organs. Cellular therapies, stem cells, and regenerative medicine strategies (Cell Transplant Society - CTS), together with the potential for utilization of animal derived cells, tissues and organs (International Xenotransplantation Association – IXA) are emerging in what could become the next technological revolution, after software, communications and renewable energy.

The 2011 Joint Meeting will bring together world leaders in xenotransplantation (IXA) and in cellular therapies, tissue engineering, biomaterials, nanotechnologies, stem cells and regenerative medicine (CTS) to catalyze an unprecedented level of scientific and translational exchange in these complementary fields of science and technology. The joint meeting will also represent an opportunity to bring together world leading scientists and business leaders to catalyze unprecedented collaborative efforts, from basic science to applied research and delivery of novel therapeutic solutions to humankind.

I am particularly honored to serve as Chair of the 2011 CTS-IXA Joint Congress to be held from October 23-26, 2011 at the Loews Miami Beach Hotel, USA ( [www.cts-ixa2011.org](http://www.cts-ixa2011.org)). The Congress will also mark the 20th Anniversary of the Cell Transplant Society. I am confident that this will represent another memorable event in Miami and another outstanding opportunity to learn, share and synergize efforts.



**Stephen T. Bartlett**  
IPITA President

The Association is looking forward to The Transplantation Society meeting in Vancouver August 15-19, 2010. The IPITA section will be represented at the TTS with two symposia, one which includes a reprise of the well received debate on pancreas versus islet transplantation, this time with a with a focus on optimal donor pancreas allocation. There are many outstanding pancreas and islet transplantation abstracts that will complete an outstanding program.

The planning for the 2011 IPITA meeting in Prague is progressing well. Shortly there will be a first call for abstracts. The Prague local organizing committee, led by Frantisek Saudek, has done an excellent job selecting a beautiful hotel and meeting site in Prague. Prague is a beautiful city on the Vltava River in the Czech Republic, and the pictures of the hotel which overlooks the river are quite striking.

The IPITA Council is exploring venue options for the 2013 meetings. Shortly, you will receive from the President-elect, Paul Johnson a notice asking for formal proposal for the 2013 meeting.

Over the next year, the Council will work on expanding Association membership and re-designing the IPITA web site with scientific content, a list of members and links to diabetes related content. Our goal is to expand the visibility of the Association internationally serving the scientific growth and expansion of pancreas and islet transplantation. We will work to increase the exposure and broad participation in upcoming events.

Finally, we are re-designing the IPITA corporate logo and the Council is working with the TTS leadership to bring IPITA under the TTS corporate umbrella.

TTS Meeting Vancouver    August 15-19, 2010  
IPITA Meeting, Prague    June 1-4, 2011

## UPDATE • TID SECTION



**Camille Kotton**  
TID President

The Transplant Infectious Diseases section had an exciting year. We are hosting an exciting 4<sup>th</sup> International Transplant Infectious Diseases Conference just prior to the TTS meeting with a wide variety of talented speakers. In May, we had publication of the “International Consensus Guidelines on the Management of Cytomegalovirus in Solid Organ Transplantation” in Transplantation. We have had three webinars on pertinent issues in Transplant Infectious Diseases, including Updates in CMV, an Overview on Donor Derived Infection, and Insights on H1N1 Influenza, just as the infection was peaking (all available via our website at [www.tts.org](http://www.tts.org)). We warmly welcome all new members to our section.

## NEW TTS SECTION



### International Hand and Composite Tissue Allotransplantation Society

TTS welcomes its newest addition to the fold. The next meeting will be held from April 7-9, 2011 in Atlanta, GA, USA.

Visit [www.tts.org](http://www.tts.org) for more information.



# UPCOMING TTS MEETINGS

For a list of all transplantation meetings please visit [www.tts.org](http://www.tts.org)

## 2<sup>nd</sup> International Conference on Transplantomics and Biomarkers in Organ Transplantation



**Barcelona, Spain**  
February 2011

Co-Chairs: Alberto Sánchez-Fueyo, Graham Lord  
[www.tts-transplantomics.org](http://www.tts-transplantomics.org)

## 10<sup>th</sup> Meeting of the International Hand and Composite Tissue Allotransplantation Society



**Atlanta, GA, USA**  
April 7-9, 2011

Chair: Linda Cendels

## 13<sup>th</sup> World Congress of the International Pancreas and Islet Transplant Association



**Prague, Czech Republic**  
June 1-4, 2011

Chair: František Saudek  
[www.ipita2011.org](http://www.ipita2011.org)

## XII TTS Basic Science Symposium / II ESOT Basic Science Meeting



**Boston (Cape Cod), MA, USA**  
June 11-14, 2011

Co-Chairs: Stefan G. Tullius, Carla C. Baan  
[www.bss2011.org](http://www.bss2011.org)

## XII International Small Bowel Transplant Symposium



**Washington, DC, USA**  
September 15-18, 2011

Chair: David Fishbein  
[www.isbts2011.org](http://www.isbts2011.org)

## CTS-IXA 2011 Joint International Congress



**Miami, FL, USA**  
October 23-26, 2011

Chair: Camillo Ricordi  
[www.cts-ixa2011.org](http://www.cts-ixa2011.org)

## 11<sup>th</sup> Congress of the International Society for Organ Donation and Procurement



**Buenos Aires, Argentina**  
November 27-30, 2011

[www.isodp2011.org.ar](http://www.isodp2011.org.ar)



## XXIV International Congress of The Transplantation Society

**Berlin, Germany • July 15-20, 2012**

Chair: Peter Neuhaus  
[www.transplantation2012.org](http://www.transplantation2012.org)

## THE TRANSPLANTATION SOCIETY OFFICERS 2010–2012

To consolidate its position as the leading global organization, the Council has representation from all six regions of the world: North America; Latin America; Europe; Africa-Middle East; Oceania; and Asia.

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### TREASURER

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John Fung

### DIRECTOR OF MEDICAL AFFAIRS

To be announced

### INTERNATIONAL HEADQUARTERS

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