



# XXIII International Congress of The Transplantation Society

AUGUST 15 - 19, 2010 | VANCOUVER, CANADA  
VANCOUVER CONVENTION CENTRE

## STATE OF THE ART SYMPOSIA

**Monday, 16 August 2010 • 13:30 - 15:00**

### **SOTA 01: Global Strategies to Improve Deceased Organ Donation**

Chairs: Guenter Kirste, Germany & Raimund Margreiter, Austria

- Strategic Donation Initiatives through DOPKI and the WHO - [Beatriz Dominguez Gil](#), Spain
  - Improvement in Organ Donation in Australia - [Gerry O'Callaghan](#), Australia
  - Improving Organ Donation in Brasil and Latin America - [Eduardo Rocha](#), Brazil
  - Increasing Utilization of Deceased Donor Kidneys - [Kevin O'Connor](#), USA
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### **SOTA 02: Hematopoietic Stem Cell Transplantation**

Chairs: Wing Au, Hong Kong & Michael Barnett, Canada

- Genetic Networks in Stem Cell Biology and Function - [Guy Sauvageau](#), Canada
  - Hematopoietic Stem Self Renewal, Differentiation and Cord Blood Transplantation - [Clayton Smith](#), Canada
  - Innovations in Stem Cell Expansion and Transplantation - [Joachim Deeg](#), USA
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### **SOTA 03: Induction Immunosuppression**

Chairs: Gabriel Danovitch, USA & Denis Glotz, France

- New Molecular Targets for Biological Therapy - [Flavio Vincenti](#), USA
  - Immunological Consequences of Different Induction Strategies - [Nader Najafian](#), USA
  - Induction Therapy in Renal Transplant Patients - [Daniel Abramowicz](#), Belgium
  - Induction Therapy in Non-Renal Transplant Patients - [Lionel Rostaing](#), France
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### **SOTA 04: Allorecognition and Response**

Chairs: Terry Strom, USA & Anthony Jevnikar, Canada

- Complementary Roles of Innate and Adaptive Immunity - [Fadi Lakkis](#), USA
  - B Cell Selection and Anergy in Humans - [Patrick Wilson](#), USA
  - B Cells in Rejection and Tolerance - [Anita Chong](#), USA
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### **SOTA 05: Antibody-Mediated Rejection (AMR). The Changing Face of Rejection in Heart Transplantation**



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Chairs: Mario Deng, USA & Stephan Schueler, Denmark

- Pretransplant Sensitization - [Jon Kobashigawa](#), USA
  - Clinical Spectrum/Presentation of AMR - [Abdallah Kfoury](#), USA
  - Current Therapies for AMR - [Andreas Zuckermann](#), Austria
- 

### SOTA 06: Living Donor Liver Transplantation

Chairs: Roy Calne, UK & Peter Neuhaus, Germany

- Right and Left Grafts and the Small-For-Size Syndrome - [Chung Mau Lo](#), Hong Kong
  - Recipient Outcomes in the A2ALL Study - [Abraham Shaked](#), USA
  - Analysis of Worldwide Donor Morbidity and Mortality - [David Grant](#), Canada
- 

### SOTA 07: Islet Transplantation: Immunology and Physiology

Chairs: David Sutherland, USA & Camillo Ricordi, USA

- Significance of Autoimmunity in Clinical Islet Transplantation - [Ron Gill](#), Canada
  - Significance of Alloimmunity in Clinical Islet Transplantation - [Bart Roep](#), The Netherlands
  - Results and Clinical Impact of Islet Autotransplantation: Lessons for Islet Allo-Transplantation - [David Sutherland](#), USA
  - Impact on Hypoglycemia and Metabolic Effect on Glucose/Insulin/Counter-Regulation - [Michael Rickels](#), USA
- 

**Tuesday, 17 August 2010 • 13:30 - 15:00**

### SOTA 08: Principles and Practice of Living Donor Exchange

Chairs: Lloyd Ratner, USA & John Gill, Canada

- Living Donor Exchange for Sensitized Patients - [Dorry Segev](#), USA
  - The National Living Donor Exchange Programme in The Netherlands - [Marry de Klerk](#), The Netherlands
  - How to Organize a National Living Donor Exchange Program - [Ed Cole](#), Canada
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### SOTA 09: Biology and Therapeutic Potential of Regulatory Cells

Chairs: Shuiping Jiang, China & Angus Thomson, USA

- Signaling Pathways in Regulatory Cells - [Megan Levings](#), Canada



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- T-Regulatory Cells: Phenotype and Function - [Alexander Rudensky](#), USA
  - Regulatory B Cells - [Tom Tedder](#), USA
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### **SOTA 10: Maintenance Immunosuppression**

Chairs: Benedict Cosimi, USA & Bernard Charpentier, France

- Novel Approaches to Inhibit Intracellular Signals - [Barry Kahan](#), USA
  - Concentration-Controlled Immunosuppressions - [Teunis van Gelder](#), The Netherlands
  - Translational Research and Maintenance Immunosuppression - [Allan Kirk](#), USA
  - Strategies in Transplant Patients with Chronic Kidney Disease - [Marcelo Cantarovich](#), Canada
- 

### **SOTA 11: Transplant Genomics and Biomarkers of Injury**

Chairs: TBC & Roslyn Mannon, USA

- Transplantomics: Report of the First International Meeting - [Minnie Sarwal](#), USA
  - Integrative Genomics in Organ Transplantation - [Dan Salomon](#), USA
  - Genetic and Molecular Mechanisms in Chronic Allograft Injury - [Phil Halloran](#), Canada
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### **SOTA 12: Biological Function and Clinical Relevance of Antibodies to Transplantation Antigens**

Chairs: Paul Terasaki, USA & Howard Gebel, USA

- Determinants of Biological Function of Anti-Donor Antibodies - [Elaine Reed](#), USA
  - Comparative Clinical Importance of Class I and Class II Antibodies - [Samantha Fidler](#), Australia
  - Clinical Relevance of Antibodies to Non-HLA Antigens - [Duska Dragun](#), Germany
  - The Role and Future of the Flow and Cytotoxic Crossmatch - [Ron Kerman](#), USA
- 

### **SOTA 13: Liver Transplantation For Hepatocellular Cancer**

Chairs: Federico Villamil, Brazil & Bill Wall, Canada

- Tumor Selection Criteria - A New Approach - [Norman Kneteman](#), Canada
  - Locoregional Therapy Pre-Transplant - [Francis Yao](#), USA
  - Priority of HCC Candidates on the Waiting List - [Rich Freeman](#), USA
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### **SOTA 14: Islet Cell Replacement: Outcomes and Allocation**

Chairs: Anthony Monaco, USA & Phil O'Connell, Australia

- Results of Pancreas Transplantation in 2010. The Case for Prioritized Allocation to Whole Pancreas. - [James Shapiro](#), **Canada**
- Results of Pancreas Transplantation in 2010. The Case for Prioritized Allocation to Islet Transplantation. - [Stephen Bartlett](#), **USA**
- Impact of Pancreas and Islet Transplantation on Secondary Complications - [Antonio Secchi](#), **Italy**
- Synthesizing the Data. Synthesizing the Evidence: A Strategy for Allocation to Pancreas and Islet Transplantation. - [Paul Johnson](#), **UK**

**Wednesday, 18 August 2010 • 13:30 -15:00**

### **SOTA 15: Developing Societal and Ethical Consensus on Living Donation**

Chairs: Howard M. Nathan, USA & Anwar Naqvi, Pakistan

- The Istanbul Declaration and Beyond - [Francis Delmonico](#), **USA**
- The Position of the WHO on Living Donation - [Luc Noel](#), **Switzerland**
- Aspects of Organ Donation in the Muslim Society - [Farhat Moazam](#), **Pakistan**
- Overcoming the Problem of Commercialism in India - [Georgi Abraham](#), **India**

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### **SOTA 16: Innovations in Regenerative Medicine**

Chairs: Alan Colman, Singapore & Doris Taylor, USA

- Stem Cells and Gene Transfer in Transplantation and Regeneration - [Hans-Dieter Volk](#), **Germany**
- Tissue Engineering for Transplantation and Regenerative Medicine - [Michael Sefton](#), **Canada**
- Regenerative Medicine and the Stem Cell: A Marriage That Is Improving with time - [Alan Colman](#), **Singapore**

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### **SOTA 17: Prevention and Treatment of Antibody Mediated Rejection**

Chairs: Ulrich Frei, Germany & Carl Cardella, Canada

- Factors influencing Tolerance and Outcome in ABO Incompatible Transplantation - [Gunnar Tyden](#), **Sweden**
- A Critical Review of the Transplantation Response in the Pre-Sensitized Patient - [Alice Peng](#), **USA**



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- Acute Antibody-Mediated Rejection - [Millie Samaniego](#), USA
  - Chronic Antibody-Mediated Rejection - [Mark Stegall](#), USA
- 

### SOTA 18: Immune Regulation and Tolerance

Chairs: Peter Morris, UK & Anita Chong, USA

- Mechanisms of Immune Regulation and Tolerance - [Mohamed Sayegh](#), USA
  - Mixed Chimerism and Human Tolerance - [Megan Sykes](#), USA
  - Molecular Signatures of Human Tolerance - [Jean-Paul Souillou](#), France
- 

### SOTA 19: Clinically Relevant Molecular Mechanisms in Lung Transplantation

Chairs: Shaf Keshavjee, Canada & Marty Zamora, USA

- Recipient and Donor Characteristics Associated with Primary Graft Dysfunction - [Jason Christie](#), USA
  - Fibrosis Rather Than Alloreactivity is the Target in Chronic Lung Allograft Dysfunction - [Annette Boehler](#), Switzerland
  - Donor Specific Antibodies Post Lung Transplant - Making Sense of the Data - [Adriana Zeevi](#), USA
  - Targeted Therapy for Severe Pulmonary Arterial Hypertension in Idiopathic Pulmonary Fibrosis - [Paul Corris](#), UK
- 

### SOTA 20: Hepatitis C Positive Patient

Chairs: Gary Levy, Canada & Olaf Guckelberger, Germany

- Risk Factors for HCV Recurrence - [Marina Berenguer](#), Spain
  - Immunosuppression for the HCV Recipient - [Gary Levy](#), Canada
  - The Treatment of HCV Recurrence - [Mike Charlton](#), USA
- 

### SOTA 21: Ischemia - Reperfusion Injury

Chairs: Hans Sollinger, USA & Ferdinand Muehlbacher, Austria

- The Biology of Brain Death and Organ Damage- [Stefan Tullius](#), USA
- Tissue Inflammation and Repair - [Joe Bonventre](#), USA
- Strategies for Cytoprotection in Ischemic Organ Injury - [Pierre Clavien](#), Switzerland



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- Current Status of Organ Preservation Solutions - [Thomas van Gulik](#), The Netherlands

**Thursday, 19 August 2010 • 13:30 - 15:00**

### **SOTA 22: Planning for Donation After Cardiac Death**

Chairs: Ron Shapiro, USA & Sam Shemie, Canada

- Uncontrolled Donation After Cardiac Death - [Jose Nunez](#), Spain
- Donation After Cardiac Death in the US - [Howard M. Nathan](#), USA
- Development of UK DCD Program from Legal and Medical Perspectives - [Chris Rudge](#), UK
- Optimal Preservation of NHB-Donor Grafts - [Rutger Ploeg](#), The Netherlands

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### **SOTA 23: Tissue Transplantation and Reconstruction**

Chairs: Stefan Tullius, USA & Mark Hardy, USA

- Adapting the Banff Scoring System to the Biology of Vascularized Composite Allografts - [Linda Cendales](#), USA
- Mixed Tissue Transplantation for Facial Reconstruction - [Maria Siemionow](#), USA
- Mixed Tissue Transplantation for Limb Replacement - [Max Dubernard](#), France

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### **SOTA 24: Immunosuppression and Post-Transplant Malignancy**

Chairs: Angela Webster, Australia & Peter Metrakos, Canada

- Molecular Signals, Viral Infection and Immune Suppression in Post-Transplant Malignancy - [Edward Geissler](#), Germany
- Epidemiology of Malignancy After Transplantation - [Gerhard Opelz](#), Germany
- Immunosuppressive Strategies in Patients with Post-Transplant Malignancy - [TBC](#)
- Innovations in Therapy of Cancer in Transplant Recipients - [J. Connor](#), Canada

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### **SOTA 25: Injury, Repair and Remodeling**

Chairs: Bruce McManus, Canada & Jerzy Kupiec-Weglinski, USA

- Innate and Adaptive Immunity in Ischemia-Reperfusion Injury - [Jerzy Kupiec-Weglinski](#)
- Biomarkers of Injury and Response in Transplanted Patients - [Bruce McManus](#), Canada
- Genomic Fingerprints of Tissue Injury and Remodeling / Role of the Endothelium - [Marie Jose Hebert](#), Canada



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### **SOTA 26: Cellular Xenotransplantation**

Chairs: Richard Pierson, USA & Jean Tchervenko, Canada

- Anti-Gal and Non-Gal Antibodies in Xenotransplantation - [Michael Breimer](#), Sweden
  - Developments in Cellular Xenotransplantation - [Emanuele Cozzi](#), Italy
  - Islet Xenotransplantation: Advances towards the Clinic - [Bernhard Hering](#), USA
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### **SOTA 27: Graft Injury in Liver Transplantation**

Chairs: Rui Maio, Portugal & Steve Lynch, Australia

- Clinical Prevention of Ischemi-Reperfusion Injury - [Ron Busuttil](#), USA
  - DCD Grafts - [Nigel Heaton](#), UK
  - Steatotic Grafts - [John Fung](#), USA
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### **SOTA 28: Intestinal Transplantation**

Chairs: Andreas Tzakis, USA & David Grant, Canada

- Basic Science of Intestinal Transplantation - [Michael Zasloff](#), USA
- Intestine Rehabilitation Options - [Loris Pironi](#), Italy
- ITR and SRTR Clinical Outcomes - [George Mazariegos](#), USA