

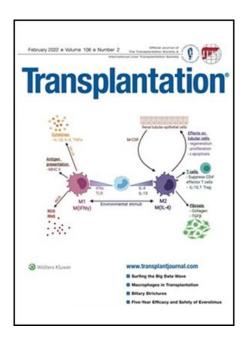


#### SUBSCRIBE TO TRIBUNE PULSE

☐ VIEW PAST ISSUES



## Transplantation - February 2022 Issue



## JUST RELEASED - TRANSPLANTATION - FEBRUARY ISSUE

This month brings a focus on how and where we will get progress in clinical practice with '-omics', big data analysis and linkages. There is also a reminder to understand the fragility of the results we rely upon - robust or p values gone in a puff of wind. A beautiful review of the macrophage in transplantation will be important reading for most of us. The focus in liver transplantation remains IRI and the DCD donor, with concomitant interest in Biliary strictures. Angiotensi receptor antibodies are carefully analyzed in a single center heart transplant study. Long term use of Everolimus is analyzed in kidney transplant recipients, while an analysis of eGFR calculators does not inspire us to rely upon any of the 63 equations examined.

CLICK HERE TO ACCESS THIS ISSUE

# Professor Mehmet Haberal awarded the Ihsan Doğramacı Family Health Foundation Prize by the World Health Organization (WHO)



Professor Mehmet Haberal TTS Immediate Past President

# TTS would like to congratulate Prof. Haberal for this well-deserved award recognizing his vast contributions to family health.

Professor Ihsan Doğramacı, established the Ihsan Doğramacı Family Health Foundation in 1980 to promote and raise the standard of family health by awarding a prize every two years to individuals who have given distinguished service in the field of family health. Prof. Haberal will be presented with his award on May 27 in a special ceremony during the WHO World Health Assembly.

CLICK HERE TO LEARN MORE ABOUT THE AWARD

## IPTA 2022 Virtual - Accessible to Everyone!



## State-of-the-Art Speakers



Diversity, Inequity and Inclusivity in the Practice of Pediatric Transplantation in the US Marva Moxey-Mims, United States

Chief, Division of Nephrology Children's National Hospital, Washington, DC



Analytics and Augmented Intelligence in Transplant Prof. Alexandre Loupy, France

Epidemiology Research Team Leader, National Institute of Health and Medical Research (INSERM)

Professor of Nephrology, Kidney Transplant Department, Necker Hospital Founder of the Paris Transplant Group



CRISPR and Transplantation Prof. Valeria R. Mas, United States

Division Head, Division of Surgical Sciences - Department of Surgery University of Maryland, School of Medicine



Patient Reported Outcome Measures: Listening to the patient Dr. Chandana Guha, Australia

Research Assistant, University of Sydney, Department of Public Health



Pandemic and Transplantation: Lessons learned from COVID-19 Dr. Emily A. Blumberg, United States

Director, Transplant Infectious Diseases, Professor of Medicine, and Attending Physician, Hospital of the University of Pennsylvania; Program Director, Infectious Diseases Fellowship, University of Pennsylvania



Organ bioengineering- lessons from the intestine David J. Hackam, United States

Pediatric Surgeon-in-Chief Johns Hopkins Children's Center

VIEW THE PROGRAM

## Special Activities for Trainees and Allied Health Professionals

More information will be available on the congress website shortly.

Trainees / Fellows / Students

SATURDAY, MARCH 26 | 13:00 EST

Mentorship can be a big asset in your career path and we are bringing mentors to you! Meet them in **small virtual breakout groups**, ask your questions, or simply listen to their invaluable advice. Inspiration and motivation guaranteed!

Allied Health and Nursing Professionals

SATURDAY, MARCH 26 I 12:30 EST

IPTA's Allied Health Committee is presenting a very timely session on *Navigating Moral Distress and Compassion Fatigue*. You will leave equipped with tools and strategies to manage these stressors efficiently.

## Registration Highlights

Registration for the virtual congress is open and fees are very affordable in order to make this virtual event accessible to everyone.

REGISTER NOW!

Special Promotion for Non-Members:

This is a great time for non-members of ITPA to join by registering with the SPECIAL PACKAGE which includes the REGISTRATION FEES PLUS 1-YEAR IPTA MEMBERSHIP (for 2022).

Member benefits include a subscription to Pediatric Transplantation which is published 8 times per year (available online only). View all IPTA Membership Benefits here:

JOIN IPTA TODAY!

## TTS 2022 - Argentina - September 10-14



Submit an abstract to contribute to the scientific success of our Congress!

We invite all our members and the transplant community as a whole to present their latest research at the Congress. Choose among many submission topics and we are also offering abstract-based awards!

Accepted abstracts will be published in an online supplement of Transplantation.

#### CLICK HERE FOR SUBMISSION GUIDELINES

( HTTPS://TTS2022.ORG/PROGRAM/CALL-FOR-ABSTRACTS )

## 2022 Mentee-Mentor Awards

The International Transplantation Science Mentee-Mentor Awards are designed to encourage dialogue and interactions between trainees and established investigators, and provide financial support for their joint participation in the Congress.

VISIT THE MENTEE-MENTOR PAGE FOR FULL DETAILS

COMPLETE THE APPLICATION FORM





























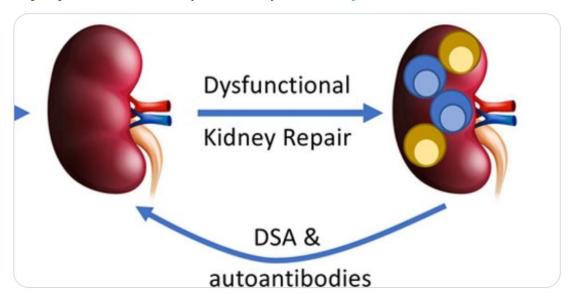




Transplantation
Week's Most Downloaded Paper



#TBT to this week's featured top downloaded paper from 2019-20: B Cell Recruitment Follows Kidney Injury and Maladaptive Repair bit.ly/3ACGBvW



CLICK HERE TO VIEW (OPEN ACCESS)

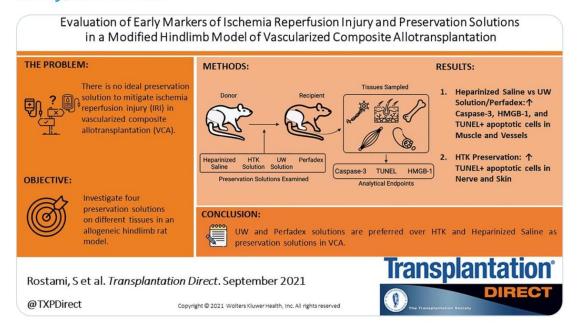
Transplantation Direct
Week's Most Downloaded Paper



This data from @DrSibaHaykal et al. suggest that UW and Perfadex are preferred solutions in vascularized composite allotransplantation.

## #OpenAccess #VisualAbstract #TransplantTwitter

## bit.ly/3GdCesm



READ THE ARTICLE (OPEN ACCESS)

## **Hot Off The Press**

## «HOT OFF THE PRESS»\_

# RECENT PUBLICATIONS IDENTIFIED BY TTS EDUCATION COMMITTEE ON COVID-19

Selected Publications by TTS Education Committee. This week's selection made by Dr. Enver Akalin.

...

# Cross-reactive memory T cells associate with protection against SARS-CoV-2 infection in COVID-19 contacts

Rhia Kundu et al.

Nat Commun. 2022 Jan 10;13(1):80. doi: 10.1038/s41467-021-27674-x.PMID: 35013199

This study assessed 52 COVID-19 household contacts to capture immune responses at the earliest timepoints after SARS-CoV2 exposure. Using a dual cytokine FLISpot assay on peripheral blood mononuclear cells, the frequency of T cells specific for spike, nucleocapsid, membrane, envelope and ORF1 SARS-CoV-2 epitopes that cross-react with human endemic coronaviruses were analyzed. Higher frequencies of cross-reactive (p = 0.0139), and nucleocapsid-specific (p = 0.0355) IL-2-secreting memory T cells in contacts who remained PCR-negative despite exposure (p = 0.0139), when compared with those who convert to PCR-positive (p = 0.0355) in significant difference in the frequency of responses to spike is observed, hinting at a limited protective function of spike-cross-reactive T cells. In summary, pre-existing non-spike cross-reactive memory T cells protecting SARS-CoV-2-naïve contacts from infection, thereby supporting the inclusion of non-spike antigens in second-generation vaccines.

READ FULL ARTICLE

# T-cell reactivity to the SARS-CoV-2 Omicron variant is preserved in most but not all individuals

Cell, January 2022 DOI: https://doi.org/10.1016/j.cell.2022.01.029

The SARS-CoV-2 Omicron variant (B.1.1.529) contains mutations that mediate escape from antibody responses, although the extent to which these substitutions in spike and non-spike proteins affect T-cell recognition is unknown. This study shows that T-cell responses in individuals with prior infection, vaccination, both prior infection and vaccination, and boosted vaccination are largely preserved to Omicron spike and non-spike proteins. However, a subset of individuals (~21%) with a >50% reduction in T-cell reactivity to the Omicron spike were indetified. Evaluation of functional CD4+ and CD8+ memory T cell responses confirmed these findings and reveal that reduced recognition to Omicron spike is primarily observed within the CD8+ T cell compartment potentially due to escape from HLA binding. Booster vaccination enhanced T-cell responses to Omicron spike. In contrast to neutralizing immunity, these findings suggest preservation of T-cell responses to the Omicron variant, although with reduced reactivity in some individuals.

READ FULL ARTICLE

# Deadline extended to February 14 - TTS Call for Nominations for Leadership

2022 TTS CALL FOR NOMINATIONS FOR OFFICERS AND COUNCILORS

In 2022, two Officer positions will be vacated and 5 of the 12 Councilors-at-large representing the Regions will be changing. The elections will take place early in 2022 and those elected will assume their new roles starting at the 2022 TTS Congress in Buenos Aires.

**CONTINUE READING** 

## TTS Call for Award Nominations

#### 2022 AWARDS CALL FOR NOMINATIONS

MEDAWAR PRIZE
STARZL PRIZE
RECOGNITION AWARDS
WIT AWARDS
INTERNATIONAL TRANSPLANTATION SCIENCE MENTEE-MENTOR AWARDS

Women in Transplantation at World Congress of Nephrology 2022

Women in Transplantation are delighted to announce a Scientific Symposium and Topical Networking Sessions as part of ISN-WCN 2022 Congress.



### WCN'22: VIRTUAL, IN-PERSON, AND ON-DEMAND

Registrations to WCN'22 is still open, join the world's leading experts in kidney health, to exchange the latest science and clinical applications to improve kidney care and prevent kidney disease worldwide. Promoting inclusivity and equitable access, WCN'22 organizers offer different ways to access the congress, including the registration to the Pre-congress courses only or the complimentary registration to the Open-Access Sessions.

CONGRESS HOMEPAGE

PRE-CONGRESS PROGRAM

OPEN-ACCESS SESSIONS





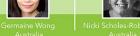
## Women in Transplantation @ ISN-WCN 2022 Congress

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#### COMPLIMENTARY ACCESS TO ALL WIT MEMBERS







#### WIT TOPICAL **NETWORKING SESSIONS**





Register at www.surveymonkey.com/r/ZJD5R3Y



Complimentary Access to All WIT Members

## **TOPICAL NETWORKING SESSIONS**

THURSDAY, FEBRUARY 24, 2022 - 7:00 PM (MALAYSIAN TIME MYT) THURSDAY, FEBRUARY 24, 2022 - 12:00 PM (CORRESPONDING LOCAL TIME AT YOUR CURRENT LOCATION)

CLICK HERE TO REGISTER





## Women in Transplantation @ ISN-WCN 2022 Congress

#### WCN'22: Virtual, In-Person, and On-Demand

Registrations to WCN'22 is still open, join the world's leading experts in kidney health, to exchange the latest science and clinical applications to improve kidney care and prevent kidney disease worldwide. Promoting inclusivity and equitable access, WCN'22 organizers offer different ways to access the congress, including the registration to the Pre-congress courses only or the complimentary registration to the Open-Access Sessions.

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#### WIT TOPICAL **NETWORKING SESSIONS**

WIT is an Initiative of Transplantation





Register at www.surveymonkey.com/r/ZJD5R3Y

Complimentary Access to All WIT Members

#### **TOPICAL NETWORKING SESSIONS**

FRIDAY, FEBRUARY 25, 2022 - 10:30 PM (MALAYSIAN TIME MYT) FRIDAY, FEBRUARY 25, 2022 - 5:30 PM

(CORRESPONDING LOCAL TIME AT YOUR CURRENT LOCATION)

CLICK HERE TO REGISTER





## Women in Transplantation @ ISN-WCN 2022 Congress

#### WCN'22: Virtual, In-Person, and On-Demand

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THESE SESSIONS ARE ONLY ACCESSIBLE IF REGISTERED FOR CONGRESS

## WIT SYMPOSIUM







SPEAKER Dr. Bethany Foster, Canada (WIT Co-Chair)

Register at www.theisn.org/wcn





Only Accessible if Registered for the Congress

## WOMEN IN TRANSPLANTATION SYMPOSIUM

SATURDAY, FEBRUARY 26, 2022 - 3:00 PM (MALAYSIAN TIME MYT) SATURDAY, FEBRUARY 26, 2022 - 10:00 AM (CORRESPONDING LOCAL TIME AT YOUR CURRENT LOCATION)

CLICK HERE TO REGISTER

## **Upcoming Webinar Presentations**



#### **THURSDAY FEBRUARY 17**

- 10:00 Montreal
- 15:00 London

## **Donation After Circulatory Death**



Donation After Circulatory Death and Covid Pandemia: How to Manage Marco Sacchi, Italy



Timeline in DCD with nRP Rafael Badenes, Spain Moderator/Speaker



Advances in DCD Liver Transplantation Gabriel Oniscu, United Kingdom



What is going on in DCD in Canada Stephen Beed, Canada

www.tts.org/tts-accc-feb17





**CLICK FOR DETAILS** 





**THURSDAY** FEBRUARY 24, 2022 13:00 Los Angeles | 16:00 Montreal 21:00 London | 06:00 Seoul (Feb 25)

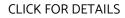
# Preparing Our Pediatric Patients for the Future: Current Challenges Faced Today and Strategies to Empower Our Youth Transitioning care of pediatric transplant recipients to adult care has an increased risk of morbidity and mortality. Adolescents and young adults are faced with numerous challenges during this developmental phase, which can make the transition more difficult. Many transplant programs have created successful transition of care programs thus reducing the morbidity and mortality of this patient group. In addition to these programs, institutions have worked to develop programs aimed to empower adolescents in taking charge of their health. Our goal is to present the problem, current challenges, successful transition of care programs and solutions from an international perspective.

www.tts.org/ipta-split-feb24



Jennifer Vittorio





Beverly Kosmach-Park USA



MODERATOR

Dana Mannino



## Complex Considerations: Fever and Pancytopenia after SOT

The clinicopathological conference will discuss a solid organ transplant recipient with post-transplant fever and pancytopenia. The presenter and expert panelists will discuss the differential diagnosis and approaches to diagnosis and management.

#### **Learning Objectives**

- To discuss differential diagnosis of fever and pancytopenia in a solid organ transplant recipient
- o To discuss the diagnostic approach to fever and pancytopenia in solid organ transplant recipients from an infectious diseases perspective
- To discuss the diagnostic approach to fever and pancytopenia in solid organ transplant recipients from hematology perspective



www.tts.org/tid-cpc-8-march-2022

TRANSPLANT INFECTIOUS DISEASE





**CLICK FOR DETAILS** 

Critical Care and Organ Donation in India - Full Series Recordings Available













## Critical Care and Organ Donation in India – Webinar Series

It is our pleasure to invite you to join a webinar series jointly organized by The Transplantation Society's Anesthesia and Critical Care Committee, the Indian Society of Critical Care Medicine, the Indian Society of Transplantation, and the International Society for Organ Donation and Procurement.

These webinars will bring together the community of Global Intensive Care Specialists, Anesthesiologists and Physicians to provide an educational platform to increase deceased donation with the goal of saving lives and increase the quality of life through organ transplantation.







Vijayanand Palaniswamy Australia



Marian Irazabal



Rafael Badenes



Katayoun Najafizadeh



www.tts.org/tts-isccm-series

Italy





A Collaborative Webinar Series between The Transplantation Society, the Indian Society of Critical Care Medicine, the Indian Society of Transplantation, and the International Society for Organ Donation and Procurement.

CLICK TO VIEW ALL 6 RECORDINGS FROM THIS SERIES!

## Latest Video Additions



MONDAY **JANUARY 31, 2022** 12:00 Montreal | 17:00 London | Seoul 02:00 (Feb 1)

## Feeding Challenges in Intestinal Rehabilitation and Transplant

Children and adults with intestinal failure can present with significant feeding challenges that impact the intestinal rehabilitation programs ability to advance enteral nutrition, potentially resulting in long-term oral aversion and feeding difficulties. Similarly these challenges can persist in intestinal transplantation patients placing patients at risk for long-term feeding and nutritional difficulties.

#### **Learning Objectives**

- o Discuss challenges that present in children with intestinal failure related to feeding difficulties
- o Review case study in adult patients post-transplant that created feeding challenges and approaches to overcome these unique difficulties
- o Determine potential interventions and supports that could support feeding difficulties in intestinal failure/transplantations from the perspective of a multidisciplinary team



MODERATOR Christina Belza, Canada



Dana Boctor, Canada



SPEAKER Judy Hopkins, USA



Lisa Vokes, UK

www.tts.org/irta-jan-31-2022











The Women in Transplantation Fellowship Award was designed to fund early career research in Sex and Gender. The two 2021 recipients, Ritzky Sugianto and Friederike Martin, have focused on Cardiovascular Morbidity in Girls with CKD and Transplantation, and the Impact of Sex Hormones on Alloimmunity, respectively. They will be presenting their research and facilitating a robust discussion with senior thought leaders in the field.

#### **Learning Objectives**

- In transplantation research to better understand the mechanism of sex/gender-based differences
- To explore the epidemiology of sex/gender-based differences in transplantation research
- To derive strategies to close the gender disparity gap in transplantation



www.tts-wit.org/gender-advocacy-jan2022





## **IRTA WEBINAR**

SATURDAY **JANUARY 22, 2022** 10:00 Montreal | 15:00 London | 00:00 Seoul (Jan 23)

## Clinical Practice and Experimental Research in Visceral Transplantation: A Round Trip

The use of experimental models has been paramount in the development of organ transplantation and are still a valuable tool for testing innovative approaches.

#### **Learning Objectives**

- o To acknowledge the strategies to connect the clinical question with the lab research.
- o To recognize lab tools relevance to optimize experimental models.
- o To identify the limitations of experimental models.



Gabriel E. Gondolesi



SPEAKER Francisco Hernández, Spain





SPEAKER Pablo Stringa, Argentina

www.tts.org/irta-22-jan-2022









#### **FRIDAY JANUARY 7, 2022**

- 10:00 Montreal 15:00 London 00:00 Seoul (Jan. 8)

## Non Adherence of Medications in Young Adult **Population Post Transplantation**

Healthy long-term kidney functioning after transplantation requires patients to adhere to regular medications and reviews. Unfortunately, 15% to 40% of these patients fail to adhere to their medical treatment. Non adherence is particularly prevalent in young adults. This results in early graft loss resulting in health and quality of life costs as well as economic costs affecting the society at large. Thus, it is important to identify measures that results in improving treatment adherence in transplant patients.

#### **Learning Objectives**

- o Reasons for non adherence
- o Measures for medical staff involved in the patients' care to help improve adherence
- o Measures for patients and families to help improve adherence



MODERATOR Carlos Diaz, Argentina



MODERATOR Manisha Sahay, India



Rupesh Raina, USA



Shivani Sharma, UK





## In the News\_

#### Cancer Rates High Among Long-Term Kidney Transplant Recipients

Feb. 4 - Kidney transplant recipients (KTRs) with allograft survival times longer than 20 years have a disproportionately high cancer rate, with post-transplant lymphoproliferative disorder (PTLD) the most common cancer type, according to a recent report.

#### Newly discovered 'death receptor' could help drive type 1 diabetes

Feb. 4 - Insulin-producing cells in the pancreas carry a "death receptor" that, when activated, causes the cells to self-destruct. This cellular self-destruct button may in turn contribute to the development of type 1 diabetes, according to a new study in mice and human tissues.

#### Prior malignancy can affect heart transplant outcomes

Feb. 4 - Patients with a prior malignancy face a higher risk of early mortality after a heart transplant (HT), according to a new study published in Circulation: Heart Failure. The prevalence of pretransplant malignancy (PTM) has increased dramatically over the past two decades, leading researchers to examine why the benefits of HT in patients with PTM should be balanced against the risks of post-transplant malignancy.

#### Blood Pressure and Risk of Adverse Kidney Outcomes

Feb. 3 - The most common comorbidity among patients with chronic kidney disease (CKD) is hypertension. Uncontrolled hypertension can result in adverse clinical outcomes, including myocardial infarction, acute coronary syndrome, ischemic stroke, heart failure, and death. High blood pressure also affects the kidney itself, and uncontrolled hypertension is a key factor in the loss of kidney function.

#### German researchers to breed pigs for human heart transplants

Feb. 3 - German scientists plan to clone and then breed this year genetically modified pigs to serve as heart donors for humans, based on a simpler version of a US-engineered animal used last month in the world's first pig-to-human transplant.

## Upcoming Meetings and Announcements\_



**IPTA 2022** 

MARCH 26-29, 2022 VIRTUAL

International Pediatric Transplant Association (IPTA)
Registration opens February 1



## **ISVCA 2022**

JUNE 4-6, 2022 CANCUN, MEXICO

International Society of Vascurlarized Composite Allotransplantation (ISVCA)



## ITS 2022

MAY 15-18, 2022 BERLIN, GERMANY

2nd International Transplantation Science (ITS) Meeting



## TTS 2022

SEPTEMBER 10-14, 2022 BUENOS AIRES, ARGENTINA

29th International Congress of The Transplantation Society



## **SPLIT 2022**

SEPTEMBER 22-23, 2022 NEWPORT BEACH, CA, USA

Society of Pediatric Liver Transplant (SPLIT)



**MESOT 2023** 

MAY 24-26, 2023 ANKARA, TURKEY

18th Congress of the Middle East Society for Organ Donation

#### **SOCIAL**



#### **ADDRESS**

The Transplantation Society International Headquarters 740 Notre-Dame Ouest Suite 1245 Montréal, QC, H3C 3X6 Canada

#### CONTACT

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