

# Pediatric Presse

ISSUE 7: FALL 2017

## 2017 CST Peds AGM Guest Speaker

### Steven Greenway

Steven Greenway has been a practicing pediatric cardiologist and clinician-investigator at Alberta Children's Hospital in Calgary since completing his clinical training in 2012. Research is centred around precision medicine for children with heart disease and current projects involve the microbiome, stem cells, cell-free DNA and genomics. Born and raised in Winnipeg, after completing a MSc degree in Biology at Carleton University under the supervision of Kenneth Storey (studying hypoxic oysters and freeze-tolerant frogs) he completed medical school at the University of Manitoba before leaving to complete a residency in Pediatrics at the Hospital for Sick Children. A subsequent fellowship in pediatric cardiology at Sick Kids was interrupted by a postdoctoral research fellowship at Harvard Medical School in the Seidman laboratory. After returning to clinical training in Toronto, Steven completed specialized training in heart failure and transplantation. Steven is the proud father of two teenage boys and current interests include riding horses and motorcycles.



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### UPCOMING EVENTS

AST Fellows Symposium  
Grapevine, Tx  
September 15-17, 2017  
View the website [here](#).

18th Congress of the European Society  
for Organ Transplantation  
Barcelona, Spain  
September 24-27, 2017  
View the website [here](#).

CST Annual Scientific Meeting  
Halifax, NS  
September 26-29, 2017  
View the website [here](#).

American Transplant Congress  
Seattle, Washington  
June 2-8, 2018  
View the website [here](#).

International Congress of the  
Transplantation Society  
Madrid, Spain  
June 30–July 5, 2018  
View the website [here](#).

### CST Pediatric Group AGM Meeting Details

Monday, September 25, 2017 at 6:30 pm  
Suite 204  
Halifax World Trade and Convention Centre

Guest Presentation: **Steven Greenway, MSc, MD, FRCPC**

*The Role of the Microbiome in Transplantation*

#### Objectives:

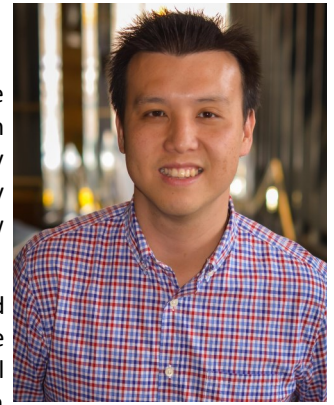
1. Understand the role of the microbiome in human health and disease
2. Appreciate the potential role for the microbiome in post-transplant outcomes
3. Learn about the role of the microbiome in mediating the gastrointestinal toxicity of mycophenolate mofetil

### Basic Science Abstract Winner: **Chia Wei Teoh**

Dr. Teoh is currently a fellow in the Division of Nephrology and Transplant & Regenerative Medicine Centre at the Hospital for Sick Children. He completed his primary medical degree and specialist training in Pediatrics at the Royal College of Physicians of Ireland. He then completed a year of Pediatric Nephrology Fellowship at B.C. Children's Hospital/University of British Columbia before joining the Pediatric Nephrology Fellowship program at The Hospital for Sick Children/University of Toronto, where he served as Chief Fellow in 2015-2016.

His clinical interests include all aspects of pediatric renal transplantation and complement-mediated disorders. He developed a research interest in pharmacokinetics of immunosuppressive agents and the role of complement-mediated injury in transplantation. He is completing a MSc at the Institute of Medical Science, University of Toronto and his current research focuses on the role of complement in calcineurin inhibitor-induced toxicity.

His overall aim is to integrate his research and clinical interests in renal transplantation to improve long term outcomes for children with kidney transplants.



### Clinical Abstract Winner: **Chantal Allen**

Chantal, a first year medical student at the University of Alberta, is completing a Master's degree in Pediatrics. Her research focus is the long-term outcomes after pediatric transplantation, specifically physical barriers to quality of life after transplant. This combines her passions of physical fitness and the benefits it provides, and the clinical world of transplantation. Chantal's hope is to improve the long term quality of life and care for children undergoing pediatric heart transplantation.

Her undergraduate training was completed at the University of Western Ontario, specializing in Physiology and Pharmacology.

## ALLIED HEALTH TRAVEL BURSARY WINNER

### **Anne Halpin, MLT, MSc, CHS**

Anne is the Laboratory Scientist in the Clinical Histocompatibility (HLA) Laboratory, University of Alberta Hospital, and a PhD student in the laboratory of Dr. Lori West, Department of Pediatrics, University of Alberta. The HLA laboratory does HLA typing, antibody testing, and cross-matching to assess the compatibility between donors and recipients. Anne has worked in this field since completing a BSc in Medical Laboratory Science at the University of Alberta. Subsequently, Anne obtained a MSc in Public Health at Trinity College, Dublin. As a laboratory technologist, she is a proud member of the allied health team supporting organ transplantation and is very grateful for the travel support provided by this 2017 Allied Health Travel Bursary.

Her research interests include the development of non-HLA antibodies in pediatric heart transplant recipients, the development of HLA antibodies following the implantation of mechanical circulatory device, the impact of pediatric thymectomy on immune responses, and new methods to measure ABO antibodies in ABO incompatible transplant recipients. Ms. Halpin is a member of the American Society of Histocompatibility and Immunogenetics (ASHI), Past Program Director of its Proficiency Testing Committee, and was recently elected to the ASHI Board. Anne is a trainee within the Canadian National Transplant Research Program (CNTRP).

This bursary has enabled her to attend this year's Canadian Society of Transplantation (CST) Annual Meeting and present two abstracts from her recent research: "Next Gen ABO antibody assessment: Moving from red blood cells to beads" and "Telling the real story: AT1R antibodies in pediatric heart transplant patients"



# CNTRP ASTELLAS RESEARCH INNOVATION GRANT COMPETITION

The CNTRP, in partnership with Astellas Pharma Canada, Inc. (Astellas), the Alberta Transplant Institute (ATI) and the UHN Multi-Organ Transplant Program, are soliciting applications to the 2017 CNTRP Astellas Research Innovation Grant competition.

Six grants of \$30,000 each will be available to fund peer-reviewed pilot projects at the national level in 2017. Regional partners are partnering with the CNTRP to provide an additional four grants in this competition.

The primary area of focus for this competition is to catalyze new translational focused research in organ donation and transplantation to improve health outcomes. The hope is that these pilot grants continue to attract new innovative research projects with the ultimate goal of improved health outcomes for patients.

The deadline for applications to the CNTRP Astellas Research Innovation Grant Competition is October 19, 2017. For more information about the application process, including eligibility criteria, please visit [www.cntrp.ca/2017-cntrp-astellas-research-grant](http://www.cntrp.ca/2017-cntrp-astellas-research-grant)

**CNTRP  
ASTELLAS 2017  
RESEARCH  
INNOVATION  
COMPETITION**

Deadline - Oct 19, 2017



in partnership with



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## UPCOMING CST PEDIATRIC GROUP ELECTION

There are currently three positions up for election this year:

1. Vice-Chair (the person elected to this position will assume the position of Chair in 2019)
2. Secretary-Treasurer
3. Member-at-large (1 position available this year) - NOMINATIONS HAVE CLOSED

All CST Pediatric Group members in good standing can run for these positions and vote. You are welcome to nominate yourself or a colleague (with their approval)

The election will occur by electronic ballot, managed by outgoing chair Aviva Goldberg and incoming chair Lorraine Hamiwka.

If an individual who is currently a member-at-large is elected to either position #1 or #2, a by-election for the remaining one year term will be held electronically after the annual meeting.

Please send nominations, including a short (< 200 word ) biosketch on the candidate, to [agoldberg@hsc.mb.ca](mailto:agoldberg@hsc.mb.ca)

Nominations have been extended to **September 15, 2017**. Electronic balloting will occur in September, with results announced at the pediatric group meeting on September 25<sup>th</sup>.

Questions, comments, or to submit anything for future publications, please contact Lorraine at [lorraine.hamiwka@ahs.ca](mailto:lorraine.hamiwka@ahs.ca)

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