



14TH INTERNATIONAL SUMMER SCHOOL ON IMMUNOGENETICS MONTREAL CANADA

JULY 14-17, 2019

Marriott Springhill Suites Old Montreal

www.ashi-hla.org/page/Meetings_ISS

Table of Contents

Welcome Letter.....	3
Hotel and Travel Information.....	4
Faculty.....	5
Program.....	8

Welcome to the 14th International Summer School on Immunogenetics

The 14th International Summer School on Histocompatibility and Immunogenetics, hosted by the American Society for Histocompatibility and Immunogenetics (ASHI) with support from the European Federation of Immunogenetics (EFI), the Asia-Pacific Histocompatibility and Immunogenetics Association (APHIA) and the Arabic Society for Histocompatibility and Immunogenetics (ARSHI) will take place at the Marriott Springhill Suites Old Montreal, Canada, July 14 – 17, 2019. The meeting is intended for individuals desiring more in-depth coverage of theoretical and practical aspects of histocompatibility and immunogenetics, especially directors-in-training, fellows, graduate students and technologists desiring a comprehensive overview of histocompatibility and immunogenetics. Early applications are required as attendance is limited to promote open discussion and facilitate presentation of research by each participant. Meeting information including the program, faculty and application procedures are available on the ASHI web site (https://www.ashi-hla.org/page/Meetings_ISS). We look forward to seeing you in Montreal!

Sincerely,

Patricia Campbell, MBChB
ASHI President

John Schmitz, PhD, D(ABHI, ABMLI)
ASHI Past President

14th International Summer School

Hotel and Travel Information

Hotel Information

The 14th International Summer School will be held July 14 – 17, 2019 at the SpringHill Suites by Marriott Old Montreal in Montreal, QC, Canada. The registration fee of \$250 USD includes registration to the summer school, 3 nights hotel stay during summer school dates, lunch and dinner for Sunday, Monday and Tuesday, and city excursions/events on Monday and Tuesday. If you wish to stay at the hotel more than 3 nights, you will include these dates on your registration, we will take care of making your full hotel reservation and upon your arrival, you will be asked to provide a credit card for the additional room nights.

Air Travel

The Montréal-Pierre Elliott Trudeau International Airport is approximately 13 miles from the SpringHill Suites by Marriott Old Montreal.

Ground Transportation

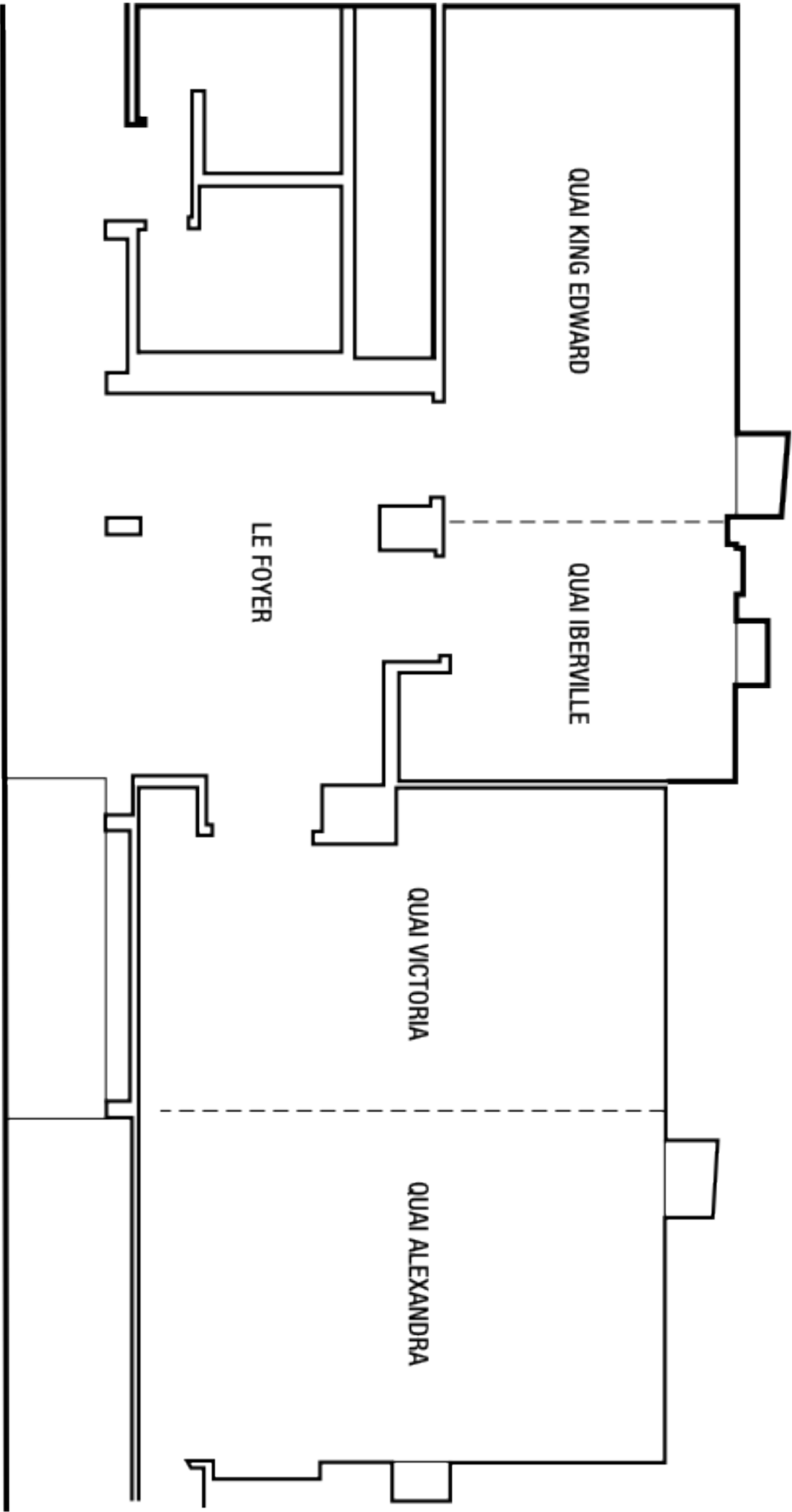
If you will be arriving into the Montréal-Pierre Elliott Trudeau International Airport (YUL), you can find a taxi or limousine at the arrivals level near the central exit located in front of the cloakroom, where a dispatcher will assist you. No reservation is required. The average fare will be \$50 to SpringHill Suites by Marriott Old Montreal.

The average fare for an Uber or Lyft will be \$30-50 to SpringHill Suites by Marriott Old Montreal.

Questions

For any questions, please contact Victoria Ramsay at vramsay@ashi-hla.org

MEETING ROOMS



14th International Summer School

Faculty



Fadi Alazayer, CHT, CHS(ABHI), MBA, CSSGB, CM
Arabian Society for Histocompatibility and Immunogenetics

Fadi Alazayer is a current HLA Laboratory supervisor with 20 years of experience and is CHT and CHS certified by American Board in Histocompatibility and Immunogenetics. Certified Manager (CM) by Institute of Certified Professional Manager (ICPM). Certified Lean & Six Sigma in Healthcare.



Reem Ameen, Msc, MBA, PhD
Arabian Society for Histocompatibility and Immunogenetics

Dr. Ameen is working as an Assistant Professor at the Medical Laboratory Sciences, Faculty of Allied Health Sciences, Kuwait University. She works also as Immunohematology and Immunogenetics Consultant at Kuwait Central Blood Banks, Ministry of Health. She received her Ph.D. in Immunopathology from the University of London and Masters in Immunohematology from University of Florida. She also received MBA from Maastricht School of Management. She established the Immunogenetics and Transplant Biology Laboratory for the Kuwait National Registry for Unrelated Stem Cell Donors based on grant of 2 million US dollars from Kuwait Foundation for the Advancement of Sciences in addition of several other scientific grants. Her research has focused mainly in Immunohematology and Immunogenetics resulting in several publications in Transfusion and other International Journals.



Patricia Campbell, MBChB
American Society for Histocompatibility and Immunogenetics

Patricia Campbell is the Medical Director of the Histocompatibility Laboratory at University of Alberta Hospitals. Professor of Medicine and transplant nephrologist. Chair of the National HLA advisory committee for Canadian Blood services. ASHI President 2018-19. Interests are in transplanting the Highly sensitized individual and Antibody Mediated rejection.



Heather Dunkley, PhD

Asia-Pacific Histocompatibility and Immunogenetics Association

Dr. Dunkley is the ASHI Director of the New Zealand National Tissue Typing Laboratory and has worked in histocompatibility testing for more than 25 years. She has been President of ASEATTA (now APHIA) and has served on various committees for APHIA and ASHI and as an ASHI Lab Inspector.



Joannis Mytilineos, MD, PhD

European Federation for Immunogenetics

Dr. Joannis Mytilineos was born in Athens/Greece. He graduated from Heidelberg Medical School in 1986 and received his PhD and Adjunct Professor's degree in Immunology (1986-2004). After 15 years as head of the HLA Laboratory at the University of Heidelberg he took the lead of the Department of Transplantation Immunology in the IKT/Ulm University where he is still employed. Dr Mytilineos was appointed as a counselor of the IHWG in 2004 and has been serving as an EFI board member (2x) as well as a member of the ASHI board of directors. Dr Mytilineos has served in several EFI and ASHI committees and was the chair of the EFI Education committee from October 2000-2016. He is currently elected president of EFI. Dr Mytilineos has been co-chairing two EFI conferences, 2009 in Ulm and EFI 2016 in Kos. After 15 years of being focused in the field of solid organ transplantation where he was one of the main co-workers of Gerhard Opelz and the CTS-Study, Dr. Mytilineos clinical work in Ulm is concentrating in the area of hematopoietic stem cell (HSC) transplantation, currently supporting more than 20 allogeneic HSC transplant programs

with HLA and Donor Search services. His department also includes a medium size unrelated stem cell donor center with currently 75.000 voluntary donors being registered.



James Robinson, BSc Hons, MSc

European Federation for Immunogenetics

James Robinson is the Senior Bioinformatics Scientist at Anthony Nolan. He leads a team of bioinformatics and research scientists working on the IMGT/HLA and IPD Databases, analysis of the donor registry and the development of bioinformatics solutions for long read sequencing technology. He is also completing his PhD at UCL.



John Schmitz, PhD, D(ABHI, ABMLI)

American Society for Histocompatibility and Immunogenetics

Dr. Schmitz is Professor of Pathology & Laboratory Medicine at the University of North Carolina at Chapel Hill. He directs the Histocompatibility and Flow Cytometry Laboratories and is the Program Director of the Medical Laboratory Immunology Fellowship Program at UNC Hospitals.



Lyanne Weston, PhD

Asia-Pacific Histocompatibility and Immunogenetics Association

Dr. Weston is currently the acting manager of the Australian Red Cross laboratory which has 50 staff and provides transplantation and immunogenetic testing to two pediatric, nine adult stem cell transplant centers, seven renal transplant centers and one of each for pancreas, heart, lung and liver. Dr. Weston has worked in transplantation for the past 25 years and currently serves as the president of APHIA (Asia Pacific Histocompatibility and Immunogenetics Association). Her weakness is for cells but has grown to love the mysteries and intricacies of the amazing DNA code.

Sunday, July 14, 2019

Welcome Reception and Dinner

Room: Auberge St Gabriel, Dulong Room

5:00 pm – 8:00 pm

Monday, July 15, 2019

Registration Open

Room: Foyer, Mezzanine Level

7:30 am – 5:00 pm

Session I: Genetics of the HLA System

Room: Victoria and Alexandra, Mezzanine Level

9:00 am – 10:30 am

9:00 am – 9:30 am

MHC/HLA Genes/HLA Nomenclature

James Robinson, BSc, Hons, MSc
Anthony Nolan Research Institute
London, United Kingdom

9:30 am – 10:00 am

HLA Typing Basics: Serology & Molecular

Fadi Alzayer, CHT, CHS(ABHI), MBA, CSSGB, CM
King Faisal Specialist Hospital
Riyadh, Saudi Arabia

10:00 am – 10:30 am

HLA Data Resources

James Robinson, BSc, Hons, MSc
Anthony Nolan Research Institute
London, United Kingdom

Coffee Break

Room: Foyer, Mezzanine Level

10:30 am – 11:00 am

Abstract Session I

Room: Victoria and Alexandra, Mezzanine Level

11:00 am – 12:30 pm

Lunch

Room: Mezzanine Level

12:30 pm – 1:30 pm

Session II: Non-HLA & HLA in Transfusion

Room: Victoria and Alexandra, Mezzanine Level

1:30 pm – 3:00 pm

1:30 pm – 2:00 pm

Non-HLA Histocompatibility Systems: ABO, MICA and Minor Antigens

Joannis Mytilineos, MD, PhD
Ulm University
Ulm, Baden-Wurttemberg, Germany

2:00 pm – 2:30 pm

NK Cells, KIR

Reem Ameen, Msc, MBA, PhD
Kuwait University
Kuwait City, Kuwait

2:30 pm – 3:00 pm

Role of HLA Testing in Transfusion Support

Lyanne Weston, PhD
Australian Red Cross
Alexandria, NSW, Australia

Coffee Break

Room: Foyer, Mezzanine Level

3:00 pm – 3:30 pm

Abstract Session II

Room: Victoria and Alexandra, Mezzanine Level

3:30 pm – 5:00 pm

Dinner

Location: TBD

6:30 pm – 8:00 pm

City Excursion

Location: TBD

8:00 pm – 10:00 pm

Tuesday, July 16, 2019

Registration Open

Room: Foyer, Mezzanine Level

8:30 am – 5:00 pm

Session III: HLA and Disease

Room: Victoria and Alexandra, Mezzanine Level

9:00 am – 10:30 am

9:00 am – 9:30 am **HLA and Disease Association: Autoimmune, Infectious and Drug Hypersensitivity**
Heather Dunckley, PhD
New Zealand Blood Service
Auckland, New Zealand

9:30 am – 10:00 am **Transplant Immunology**
Lyanne Weston, PhD
Australian Red Cross
Alexandria, NSW, Australia

10:00 am – 10:30 am **Immunosuppressive Medications and Mechanisms**
Patricia Campbell, MBChB
University of Alberta Hospitals
Edmonton, AB, Canada

Coffee Break

Room: Foyer, Mezzanine Level

10:30 am – 11:00 am

Abstract Session III

Room: Victoria and Alexandra, Mezzanine Level

11:00 am – 12:30 pm

Lunch

Room: Mezzanine Level

12:30 pm – 1:30 pm

Session IV: Solid Organ Transplantation I: Pre-Transplant Evaluation

Room: Victoria and Alexandra, Mezzanine Level

1:30 pm – 3:00 pm

1:30 pm – 2:00 pm **Pretransplant Risk Assessment: AB Testing Basics, Crossmatching and Virtual Crossmatching**

John Schmitz, PhD, D(ABHI, ABMLI)
University of North Carolina at Chapel Hill
Chapel Hill, NC, USA

2:00 pm – 2:30 pm **HLA Epitopes and Alternative Matching Systems**

John Schmitz, PhD, D(ABHI, ABMLI)
University of North Carolina at Chapel Hill
Chapel Hill, NC, USA

2:30 pm – 3:00 pm **Organ Allocation**

Patricia Campbell, MBChB
University of Alberta Hospitals
Edmonton, AB, Canada

Coffee Break

Room: Foyer, Mezzanine Level

3:00 pm – 3:30 pm

Abstract Session IV

Room: Victoria and Alexandra, Mezzanine Level

3:30 pm – 5:00 pm

Closing Event

Location: TBD

6:30 pm – 9:00 pm

Wednesday, July 17, 2019

Registration Open

Room: Foyer, Mezzanine Level

8:30 am – 3:30 pm

Session V: Solid Organ Transplant II: Post-Transplant Evaluation

Room: Victoria and Alexandra, Mezzanine Level

9:00 am – 10:30 am

9:00 am – 9:30 am **AMR and Impact of HLA DSA and Non-HLA on Outcomes**

Patricia Campbell, MBChB
University of Alberta Hospitals
Edmonton, AB, Canada

9:30 am – 10:00 am **Strategies to Transplant the Highly Sensitized Patient**

Fadi Alzayer, CHT, CHS(ABHI), MBA, CSSGB, CM
King Faisal Specialist Hospital
Riyadh, Saudi Arabia

10:00 am – 10:30 am **Post-Transplant Testing – DSA, Biomarkers of Rejection and Tolerance**

John Schmitz, PhD, D(ABHI, ABMLI)
University of North Carolina at Chapel Hill
Chapel Hill, NC, USA

Coffee Break

Room: Foyer, Mezzanine Level

10:30 am – 11:00 am

Session VI: Hematopoietic Cell Transplant and Transfusion Medicine

Room: Victoria and Alexandra, Mezzanine Level

11:00 am – 12:30 pm

11:00 am – 11:30 am HCT Workup and Donor Selection

Heather Dunckley, PhD
New Zealand Blood Service
Auckland, New Zealand

11:30 pm – 12:00 pm HCT Post-Transplant: Chimerism

Reem Ameen, Msc, MBA, PhD
Kuwait University
Kuwait City, Kuwait

12:00 pm – 12:30 pm Compatibility in HSCT – GvH vs. Relapse

Joannis Mytilineos, MD, PhD
Ulm University
Ulm, Baden-Wurttemberg, Germany

Lunch

Room: Mezzanine Level

12:30 pm – 1:30 pm

Abstract Session V

Room: Victoria and Alexandra, Mezzanine Level

1:30 pm – 3:00 pm

Closing Remarks

Room: Victoria and Alexandra, Mezzanine Level

3:00 pm – 3:30 pm

AMERICAN SOCIETY FOR HISTOCOMPATIBILITY AND IMMUNOGENETICS
BANFF FOUNDATION FOR ALLOGRAFT PATHOLOGY

ASHI/BANFF

JOINT SCIENTIFIC MEETING

September 23-27, 2019
David L. Lawrence Convention Center
PITTSBURGH, PA



2019.ashi-hla.org

