



**CANM  
ACMN**

The Canadian Association of Nuclear Medicine  
Association canadienne de médecine nucléaire

# Toronto 2017



*Photo credit: Toronto Tourism*

**CANM 2017 Annual Scientific Meeting**  
***Réunion scientifique annuelle de l'ACMN 2017***  
**April 20-23, 2017 / du 20 au 23 avril 2017**  
**Westin Harbour Castle**  
**Toronto, Ontario**

**2017 – CANM  
ANNUAL SCIENTIFIC CONFERENCE**

**WEDNESDAY, April 19, 2017**

**1500 - 1800**      **EXHIBITS SET-UP**

**1700 - 2100**      **CANM Board Meeting** (closed)

**THURSDAY, April 20, 2017**

**0700 - 1700**      **REGISTRATION**

**0700 - 1800**      **EXHIBITS OPEN**

**0700 - 0800**      **CONTINENTAL BREAKFAST**

**0800 - 0810**      **OPENING REMARKS**  
Jean-Luc Urbain, Christopher O'Brien & Khun Visith Keu

**0810 - 1220**      **PET SYMPOSIUM**

**0810-0825**      **Patient Perspective** - The patient and family view of cancer diagnosis to treatment  
TBD

**0825-0855**      **Imaging Expectations** - Clinician and Imaging Dialogue  
Gail Darling & Julian Dobranowski

**SESSION 1 - Management of Advanced Colorectal Cancer in 2017**  
Chairs:

**0855-0910**      **Patient Perspective**  
Speaker: TBD

**0910-0925**      **Advanced Colorectal Cancer -Decision Making from A Surgical Perspective**  
Speaker: TBD

**0925-0940**      **Extra-Hepatic Metastases from Colorectal Cancer - Approaches**  
Anand Swaminath

**0940-0955**      **PET for Advanced Colorectal Cancer**  
Amit Singnurkar

**0955-1025**      **Case Presentations & Discussion**

**1025 -1045**      **REFRESHMENT BREAK**

**SESSION 2 - Prostate Cancer: A Brand New Imaging Paradigm**  
Chairs: Glenn Bauman & TBD

**1045-1055**      **Patient Perspective**  
Speaker: TBD

**1055-1110**      **Pathology of Prostate Cancer**  
Michelle Downes

**1110-1125**      **Anatomic Imaging of Prostate Cancer**

February 13, 2017

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|                               | <b>1125-1140</b> Masoom Haider<br><b>Molecular Imaging of Prostate Cancer</b><br>Stephan Probst<br><b>1140-1200</b> <b>Looking into the Future for Management for Recurrent Cancer</b><br>Glenn Bauman<br><b>1200-1220</b> <b>Panel Discussion</b>                                                                                                    |
| <b>1220 - 1320</b>            | <b>LUNCHEON</b>                                                                                                                                                                                                                                                                                                                                       |
|                               | <b>SESSION 3 - Diagnosis &amp; Treatment of Lymphoma</b><br>Chairs: Jill Dudebout & TBD                                                                                                                                                                                                                                                               |
|                               | <b>1320-1330</b> <b>Patient Perspective</b><br>Speaker: TBD<br><b>1330-1345</b> <b>Clinical Decision Making During Staging</b><br>Jill Dudebout<br><b>1345-1400</b> <b>Imaging</b><br>Ur Metser<br><b>1400-1415</b> <b>Adaptive Therapy: What Do You Need to Act?</b><br>Richard Tsang<br><b>1415-1515</b> <b>Case Presentations &amp; Discussion</b> |
| <b>1515 - 1530</b>            | <b>REFRESHMENT BREAK</b>                                                                                                                                                                                                                                                                                                                              |
|                               | <b>SESSION 4 - Overview of Provincial PET Programs in Canada</b><br>Chairs: Ur Metser & Jean-Luc Urbain                                                                                                                                                                                                                                               |
|                               | <b>1530-1550</b> <b>The Quebec PET Program</b><br>Norman Laurin<br><b>1550-1610</b> <b>The Ontario PET Program</b><br>Ur Metser<br><b>1610-1630</b> <b>The Nova Scotia PET Program</b><br>Andrew Ross<br><b>1630-1650</b> <b>Round-Table Discussion</b>                                                                                               |
|                               | <b>1650-1700</b> <b>Closing Remarks</b><br>Christopher O'Brien & Julian Dobranowski                                                                                                                                                                                                                                                                   |
| <b>1800 - 1900</b>            | <b>CANM Reception with Exhibitors</b>                                                                                                                                                                                                                                                                                                                 |
| <b>1915 - 2200</b>            | <b>CANM Industry Forum (closed)</b>                                                                                                                                                                                                                                                                                                                   |
| <b>FRIDAY, April 21, 2017</b> |                                                                                                                                                                                                                                                                                                                                                       |
| <b>0700 - 1700</b>            | <b>REGISTRATION</b>                                                                                                                                                                                                                                                                                                                                   |
| <b>0700 - 0800</b>            | <b>CONTINENTAL BREAKFAST</b>                                                                                                                                                                                                                                                                                                                          |
| <b>0700 - 1700</b>            | <b>EXHIBITS CONTINUE &amp; POSTERS SET-UP</b>                                                                                                                                                                                                                                                                                                         |

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| <b>0730 - 0815</b> | <b>KEYNOTE LECTURE - Ga68 Imaging</b><br>Roland Hustinx                                          |                                                                                   |
|                    |                                                                                                  |                                                                                   |
| <b>0815 - 1130</b> | <b>PLENARY 1 - RADIOPHARMACEUTICALS' ECONOMICS</b><br>Chairs: Jean-Luc Urbain & Norman Laurin    |                                                                                   |
|                    | <b>0815-0820</b>                                                                                 | <b>Introduction</b><br>Andrew Ross                                                |
|                    | <b>0820-0850</b>                                                                                 | <b>Moly and Linear Accelerator: A Business Case</b><br>Kennedy Mang'era           |
|                    | <b>0850-0910</b>                                                                                 | <b>Radiopharmaceuticals</b><br>Michael Rossi, Jubilant/Draximage                  |
|                    | <b>0910-0930</b>                                                                                 | <b>Radiopharmaceuticals</b><br>TBD, GE Healthcare                                 |
|                    | <b>0930-0950</b>                                                                                 | <b>Radiopharmaceuticals</b><br>André Gagnon, Isologic                             |
|                    | <b>0950-1010</b>                                                                                 | <b>REFRESHMENT BREAK</b>                                                          |
|                    | <b>1010-1030</b>                                                                                 | <b>Radiopharmaceuticals</b><br>Cyrille Villeneuve, Lantheus                       |
|                    | <b>1030-1050</b>                                                                                 | <b>Radiopharmaceuticals</b><br>Roy Brown, Mallinckrodt                            |
|                    | <b>1050-1100</b>                                                                                 | <b>Radiopharmaceuticals</b><br>Lise Victoria Taylor, Bayer                        |
|                    | <b>1110-1130</b>                                                                                 | <b>Radiopharmaceuticals</b><br>Bill Dickie, AAA                                   |
|                    |                                                                                                  |                                                                                   |
| <b>0800- 1200</b>  | <b>PLENARY 2 - TECHNOLOGISTS' SESSION – NEUROENDOCRINE TUMOURS</b>                               |                                                                                   |
|                    | <b>0800-0845</b>                                                                                 | <b>Ga68-Harvard Assessment</b><br>Raina Park & Gina Capone                        |
|                    | <b>0845-0930</b>                                                                                 | <b>Lu177 Imaging</b><br>Brandon Driscoll                                          |
|                    | <b>0930-1015</b>                                                                                 | <b>FAZA Imaging for Tumour Hypoxia</b><br>Doug Vines                              |
|                    | <b>1015-1030</b>                                                                                 | <b>REFRESHMENT BREAK</b>                                                          |
|                    | <b>1030-1115</b>                                                                                 | <b>Neuroendocrine Tracers Now and Future</b><br>Kevin Roland                      |
|                    | <b>1115-1200</b>                                                                                 | <b>Treatment of Neuroendocrine Tumours-Evolution of DOTATATE</b><br>Mihaela Ginja |
|                    |                                                                                                  |                                                                                   |
| <b>1130 - 1200</b> | <b>AWARD and ABSTRACT PRESENTATIONS</b><br>Chairs: Christopher O'Brien & Anna Danilenko          |                                                                                   |
|                    | <b>ERIC LEPP COMPETITION WINNER PRESENTATION</b><br><b>SELECTED ABSTRACTS ORAL PRESENTATIONS</b> |                                                                                   |
|                    |                                                                                                  |                                                                                   |
| <b>1200 - 1300</b> | <b>LUNCHEON</b>                                                                                  |                                                                                   |

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| <b>1300 - 1700</b> | <b>PLENARY 3 - CANM - CNETS CANADA SESSION</b>                            |                                                                                                                                                                                                                                                                                                                                                                                                          |
|                    | Chairs: Jacquie Herman & John Buscombe                                    |                                                                                                                                                                                                                                                                                                                                                                                                          |
|                    | <b>1300-1315</b>                                                          | <b>Welcome &amp; Introduction to CNETS</b><br>Jackie Herman                                                                                                                                                                                                                                                                                                                                              |
|                    | <b>1315-1330</b>                                                          | <b>Highlights of Research Projects Funded by CNETS and Outcomes</b><br>Girish Shah                                                                                                                                                                                                                                                                                                                       |
|                    | <b>1330-1400</b>                                                          | <b>PAST AND CURRENT RESEARCH INITIATIVES</b><br><b>Exploring New Ways to Treat Gastrointestinal and Pancreatic NETs</b><br>Trevor Pugh<br><b>The PET NET Study: Impact of 68Ga-DOTA-TOC and 18F-FDG PET/CT On Multimodal Management Among NET Patients</b><br>Hagen Kennecke<br><b>PARP-Inhibitor Radiosensitization in 177Lu-octreotate PTRRT of Neuroendocrine Tumours</b><br>Jean-Mathieu Beaugregard |
|                    | <b>1400-1415</b>                                                          | <b>Patient Perspective: Impact of PRRT on a Patient Journey</b><br>Ann-Britt Everett                                                                                                                                                                                                                                                                                                                     |
|                    | <b>1415-1430</b>                                                          | <b>REFRESHMENT BREAK</b>                                                                                                                                                                                                                                                                                                                                                                                 |
|                    | <b>1430-1510</b>                                                          | <b>The Clinical Impact of Ga68 Somatostatin Receptor Scintigraphy</b><br>Eric Liu                                                                                                                                                                                                                                                                                                                        |
|                    | <b>1510-1525</b>                                                          | <b>Ga68 Clinical Trials</b><br>Eric Turcotte                                                                                                                                                                                                                                                                                                                                                             |
|                    | <b>1525-1625</b>                                                          | <b>PRRT IN CANADA</b><br><b>The Cross Cancer Institute Experience</b><br>Sandy McEwan<br><b>The London Health Sciences Centre Experience</b><br>David Laidley<br><b>The University Health Network Experience</b><br>Rebecca Wong<br><b>The CHU de Québec- Université Laval Experience</b><br>Jean-Mathieu Beaugregard                                                                                    |
|                    | <b>1625-1645</b>                                                          | <b>PRRT in Europe</b><br>John Buscombe                                                                                                                                                                                                                                                                                                                                                                   |
|                    | <b>1645-1700</b>                                                          | <b>Radiant 4 Clinical Trial</b><br>Simron Singh                                                                                                                                                                                                                                                                                                                                                          |
| <b>1730 - 1830</b> | <b>CNETS Canada Reception</b>                                             |                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>1300 - 1700</b> | <b>PLENARY 4 - TECHNOLOGISTS' SESSION – ECONOMICS IN NUCLEAR MEDICINE</b> |                                                                                                                                                                                                                                                                                                                                                                                                          |
|                    | <b>1300-1345</b>                                                          | <b>Economics of IHF's</b><br>TBD                                                                                                                                                                                                                                                                                                                                                                         |
|                    | <b>1345-1430</b>                                                          | <b>Economics of NM for Techs</b><br>Chris Malcom                                                                                                                                                                                                                                                                                                                                                         |
|                    | <b>1430-1445</b>                                                          | <b>REFRESHMENT BREAK</b>                                                                                                                                                                                                                                                                                                                                                                                 |

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|                                 | <b>1445-1530</b>                                                                                           | <b>Economics of Reactor Produced Mo</b><br>François Couillard                           |
|                                 | <b>1530-1615</b>                                                                                           | <b>Canadian Sources of Tc99m</b><br>Kennedy Mang’era                                    |
|                                 | <b>1615-1700</b>                                                                                           | <b>World Mo99 Supply</b><br>Bernard Ponsard                                             |
| <b>1700 - ON</b>                | <b>Free evening (President’s Dinner at 1915, by invitation)</b>                                            |                                                                                         |
| <b>SATURDAY, April 22, 2017</b> |                                                                                                            |                                                                                         |
| <b>0730 - 1600</b>              | <b>REGISTRATION</b>                                                                                        |                                                                                         |
| <b>0700 - 0800</b>              | <b>CONTINENTAL BREAKFAST</b>                                                                               |                                                                                         |
| <b>0730 - 1700</b>              | <b>EXHIBITS CONTINUE</b>                                                                                   |                                                                                         |
| <b>0745 - 0830</b>              | <b>KEYNOTE LECTURE - MSK NUCLEAR MEDICINE IN 2017</b><br>Frederic Paycha                                   |                                                                                         |
|                                 |                                                                                                            |                                                                                         |
| <b>0830 - 1000</b>              | <b>PLENARY 5 - THYROID CANCER: THE GOOD, THE BAD AND THE UGLY</b><br>Chairs: Annie Sawka & Mark Tulchinsky |                                                                                         |
|                                 | <b>0830-0850</b>                                                                                           | <b>New ATA Guidelines</b><br>Annie Sawka                                                |
|                                 | <b>0850-0910</b>                                                                                           | <b>The Surgeon’s Point of View</b><br>David Goldstein                                   |
|                                 | <b>0910-0930</b>                                                                                           | <b>The Nuclear Medicine’s Point of View</b><br>Mark Tulchinsky                          |
|                                 | <b>0930-1000</b>                                                                                           | <b>Round-table Discussion</b>                                                           |
| <b>1000 - 1015</b>              | <b>REFRESHMENT BREAK</b>                                                                                   |                                                                                         |
| <b>1015 - 1200</b>              | <b>PLENARY 6 - THE ABCS AND CHALLENGES OF GMP</b><br>Chairs: Oyama Reiko & Andrew Ross                     |                                                                                         |
|                                 | <b>1015-1045</b>                                                                                           | <b>The American Experience</b><br>Reiko Oyama                                           |
|                                 | <b>1045-1115</b>                                                                                           | <b>The CanProbe Experience</b><br>David Green                                           |
|                                 | <b>1115-1135</b>                                                                                           | <b>The Canadian Challenge</b><br>Doug Abrams                                            |
|                                 | <b>1135-1200</b>                                                                                           | <b>Round Table Discussion: Towards a Global Standardization?</b>                        |
|                                 |                                                                                                            |                                                                                         |
| <b>0800 - 1200</b>              | <b>PLENARY 7 - TECHNOLOGISTS’ SESSION – EMERGING IMAGING</b>                                               |                                                                                         |
|                                 | <b>0800-0900</b>                                                                                           | <b>Novel Nuclear Medicine Imaging and Therapy for Prostate Cancer</b><br>Stephan Probst |

|                    |                                                                                                                                       |                                                                                                                        |
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|                    | <b>0900-1000</b>                                                                                                                      | <b>Serving Patients and Physicians In An Electronic Age: McDonalds Has Gone Paperless, Why Can't We?</b><br>Jozef Nycz |
|                    | <b>1000-1015</b>                                                                                                                      | <b>REFRESHMENT BREAK</b>                                                                                               |
|                    | <b>1015-1100</b>                                                                                                                      | <b>Developing Agents</b><br>Shaun Ramdhany                                                                             |
|                    | <b>1100-1200</b>                                                                                                                      | <b>PET-CT Guided Interventions</b><br>Grace Chung & Jaemin Chung (TBC)                                                 |
| <b>1200 - 1300</b> | <b>LUNCHEON</b>                                                                                                                       |                                                                                                                        |
| <b>1200 - 1330</b> | <b>NM Specialty Committee Meeting (closed)</b>                                                                                        |                                                                                                                        |
| <b>1300 - 1430</b> | <b>PLENARY 8 - NUCLEAR MEDICINE EDUCATION FOR PATIENTS &amp; REFERRING PHYSICIANS</b><br>Chairs: Virginia Pappas & François Lamoureux |                                                                                                                        |
|                    | <b>1300-1320</b>                                                                                                                      | <b>The SNMMI Experience</b><br>Virginia Pappas                                                                         |
|                    | <b>1320-1340</b>                                                                                                                      | <b>The Québec Experience: Le Patient</b><br>François Lamoureux                                                         |
|                    | <b>1340-1400</b>                                                                                                                      | <b>The ARSNM Approach</b><br>Akram Al-Ibraheem                                                                         |
|                    | <b>1400-1420</b>                                                                                                                      | <b>The PANGEA Project</b><br>Jean-Luc Urbain                                                                           |
|                    | <b>1420-1430</b>                                                                                                                      | <b>Questions &amp; Answers</b>                                                                                         |
| <b>1300 - 1430</b> | <b>PLENARY 9: TECHNOLOGISTS' SESSION – NUCLEAR MEDICINE CASE REVIEW – READING WITH THE EXPERTS</b>                                    |                                                                                                                        |
|                    | <b>1300-1330</b>                                                                                                                      | <b>Case Presentations</b><br>Steven Burrell                                                                            |
|                    | <b>1330-1400</b>                                                                                                                      | <b>TBD</b>                                                                                                             |
|                    | <b>1400-1430</b>                                                                                                                      | <b>TBD</b>                                                                                                             |
| <b>1430 - 1500</b> | <b>REFRESHMENT BREAK</b>                                                                                                              |                                                                                                                        |
| <b>1500 - 1700</b> | <b>PLENARY 10 - BRAIN SPECT SCINTIGRAPHY</b><br>Chairs: Dan Pavel & Philip Cohen                                                      |                                                                                                                        |
|                    | <b>1500-1530</b>                                                                                                                      | <b>PTSD &amp; TBI: The Clinical Aspects</b><br>Paul Harig                                                              |
|                    | <b>1530-1620</b>                                                                                                                      | <b>Brain PET, PTSD &amp; TBI</b><br>Renza Berenji                                                                      |
|                    | <b>1620-1640</b>                                                                                                                      | <b>Brain SPECT, PTSD &amp; TBI</b><br>Dan Pavel                                                                        |
|                    | <b>1640-1700</b>                                                                                                                      | <b>Round Table Discussion</b>                                                                                          |
| <b>1300 - 1700</b> | <b>PLENARY 11 - TECHNOLOGISTS' SESSION (Joining Plenary 10)</b>                                                                       |                                                                                                                        |
|                    |                                                                                                                                       |                                                                                                                        |

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|------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 1715 - 1830                  | RECEPTION FOR TECHNOLOGISTS                                                                     |                                                                                                                                   |
| 1700 - 1800                  | CANM AGM                                                                                        |                                                                                                                                   |
| 1930 - ON                    | CANM AWARDS DINNER                                                                              |                                                                                                                                   |
| SUNDAY, April 23, 2017       |                                                                                                 |                                                                                                                                   |
| 0800 - 0830                  | CONTINENTAL BREAKFAST                                                                           |                                                                                                                                   |
| 0830 - 0900                  | REVIEW OF SECTION 3 SIMULATIONS<br>Khun Visith Keu                                              |                                                                                                                                   |
| 0900 - 1200                  | PLENARY 12 - NUCLEAR CARDIOLOGY IN COLLABORATION WITH ASNC<br>Chairs: Sanjay Gambhir & Ting Lee |                                                                                                                                   |
| 1030 - 1100                  | 0900-0930                                                                                       | Myocardial Perfusion with Medical Isotopes: SPECT or PET<br>Karthik Ananthasubramaniam                                            |
|                              | 0930-1000                                                                                       | Centralized Cardiac PET and SPECT Imaging Service: The Cleveland Clinic Experience for the New Healthcare Era<br>Manuel Cerqueira |
|                              | 1000-1045                                                                                       | Myocardial Perfusion with CT<br>Ting Lee                                                                                          |
|                              | REFRESHMENT BREAK                                                                               |                                                                                                                                   |
|                              | 1100-1130                                                                                       | Hybrid Cardiac Imaging: The Lucknow Experience<br>Sanjay Gambhir                                                                  |
|                              | 1130-1200                                                                                       | Round table Discussion                                                                                                            |
| 1200                         | Closure                                                                                         |                                                                                                                                   |
| MAINTENANCE OF CERTIFICATION |                                                                                                 |                                                                                                                                   |

This event is an accredited group learning activity as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada for Section 1 activities and pending approval by the Canadian Association of Nuclear Medicine and the Canadian Association of Medical Radiation Technologists (CAMRT)

*La présente activité, approuvée par l'Association canadienne de médecine nucléaire pour la section 1 et en demande d'approbation par l'Association canadienne des technologues en radiation médicale constitue une activité de formation collective agréée conformément à la définition précisée dans le programme de Maintien du certificat du Collège royal des médecins et chirurgiens du Canada.*

**2016- 2017 CANM EXECUTIVE**

February 13, 2017

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Dr. Andrew Ross, President  
Dr. Norman Laurin, Past President  
Dr. François Lamoureux, President Elect  
Dr. Glenn Ollenburger, Treasurer  
Dr. Jean-Luc Urbain  
Dr. Christopher O'Brien  
Dr. Daniel Levin

Dr. Phil Cohen  
Dr. Peter Hollett  
Dr. Antoine Leblond  
Dr. Khun Visith Keu  
Dr. Denise Chan  
Dr. Salem Yuoness  
Dr. Anna Danilenko

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### SCIENTIFIC COMMITTEE - 2017

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Dr. Jean-Luc Urbain, co-chair  
Dr. Christopher O'Brien, co-chair  
Dr. Steven Burrell  
Dr. Khun Visith Keu  
Dr. Anna Danilenko  
Dr. Philip Cohen

Dr. Jo Barfett  
Dr. Salem Yuoness  
Mr. Doug Abrams  
Mr. Enrico Mandarino  
Mr. Robert Kamen  
Mr. Jonathan Bower  
Ms. Nichole Smith

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