

## CRINA RESEARCH DAY 2018 PROGRAM

7:30 AM	<b>REGISTRATION</b>	KATZ Atrium
7:30 AM – 8:15 AM	<b>BREAKFAST</b>	KATZ Atrium
8:15 AM – 8:40 AM	<b>WELCOME ADDRESS</b>	Allard Family Lecture Theater

Dr. Catherine Field, Professor, Department of Agricultural, Food & Nutritional Science, Research Day Organizing Committee

Dr. Chris Power, Vice-Dean (Research), Faculty of Medicine and Dentistry

Dr. Lynne Postovit, Co-Director CRINA  
Associate Professor, Department of Oncology

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### SESSION I: NOVEL THERAPEUTICS AND BIOMARKERS

Allard Family Lecture Theater

Chair: Dr. Atiyah Yahya Co-Chair: Powel Crosley

8:40 AM – 8:55 AM	Dr. Gino Fallone, Department of Oncology, Division of Medical Physics <i>Description and Clinical Potential of the Alberta Linac-MR: Aurora-RT™</i>
8:55 AM – 9:10 AM	Dr. Hasan Uludag, Department of Chemical and Materials Engineering <i>Gene Based Approach to Cancer Therapy</i>
9:10 AM – 9:25 AM	Dr. Olivier Julien, Department of Biochemistry <i>Mechanism of Caspase-Mediated Cell Death</i>
9:25 AM – 9:40 AM	Mrs. Bahareh Hamedi, Department of Oncology <i>Anti-Cancer Effects of n-3 Long Chain Polyunsaturated Fatty Acids (LCPUFA) on Ovarian Cancer Growth in Vitro and in Vivo</i>
9:40 AM – 10:00 AM	<i>Coffee Break</i>

10:00 AM – 10:30 AM	<b>KEYNOTE PRESENTATION</b>	Allard Family Lecture Theater
	Dr. Andre Veillette, Director, Molecular Oncology Research Unit, IRCM, IRCM Research Professor, Professor, Department of	

Medicine, Université de Montréal, Adjunct Professor, Department of Medicine, McGill University, Canada Research Chair in Immune System Signalling  
*Understanding How Immunotherapy Against Cancer Works*

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10:30 AM – 12:00 PM      **POSTER SESSION 1**      KATZ Atrium

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12:00 PM – 1:00 PM      **LUNCH/NETWORKING**      KATZ Atrium

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**SESSION II: PREVENTION, LIFESTYLE AND SURVIVORSHIP**      Allard Family Lecture Theater

Chair: Dr. Catherine Field Co-Chair: Amirali Bukhari

1:00 PM – 1:15 PM      Dr. Russell Greiner, Department of Computing Science  
*Towards Patient-Specific Treatment: Medical Applications of Machine Learning*

1:15 PM – 1:30 PM      Dr. Vickie Baracos, Department of Oncology, Division of Palliative Care Medicine  
*Cachexia, the Last Illness*

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**SESSION III: CANCER BIOLOGY**      Allard Family Lecture Theater

Chair: Dr. Roseline Godbout Co-Chair: Hyeong Jin Kim

1:30 PM – 1:45 PM      Dr. Mary Hitt, Department of Oncology, Division of Experimental Oncology  
*Preclinical Development of a New Oncolytic Vaccinia Virus for the Treatment of Bladder Cancer*

1:45 PM – 2:00 PM      Dr. Fred West, Department of Chemistry  
*Unlocking the Door to Cancer Cells Using Fructose Transport Machinery*

2:00 PM – 2:15 PM      Dr. Michael Hendzel, Department of Cell Biology  
*Histone Acetylation Regulates Chromatin Accessibility by Inhibiting Phase Separation*

2:15 PM – 2:30 PM

Dr. Mohammad Ali, Departments of Pharmacology & Oncology  
*Matrix Metalloproteinase-2 Mediates Ribosomal RNA  
Transcription by Cleaving Histone H3 Within the Nucleolus*

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2:30 PM – 3:45 PM

**POSTER SESSION 2**

KATZ Atrium

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**SESSION IV: ELEVATOR PITCHES**

Allard Family Lecture Theater

Chair: Dr. David Brindley Co-Chair: Gareth Armanious

3:45 PM – 4:15 PM

**Elevator Pitch Competition**

Rory Macdonald, Department of Chemistry, Division of Medicinal  
Chemistry

Brennen Dobberthien, Department of Oncology, Division of  
Medical Physics

Clara Fallone, Department of Oncology, Division of Medical  
Physics

Katherine Ford, Department of Agricultural, Food & Nutritional  
Science

Sarah Purcell, Department of Agricultural, Food & Nutritional  
Science

Tae Hwan Kim, Department of Biochemistry

Courtney Mowat, Department of Oncology

Marnie Newell, Department of Agricultural, Food & Nutritional  
Science

Ahmed Elmenoufy, Department of Chemistry

Zelei Yang, Department of Biochemistry

4:15 PM – 4:30 PM

**CLOSING REMARKS AND AWARDS**

Dr. Atiyah Yahya, Associate Professor, Department of Oncology,  
Division of Medical Physics, Research Day Organizing Committee

4:30 PM – 6:30 PM

**RECEPTION & CASH BAR**

KATZ Atrium