

**3<sup>rd</sup> Epigenetic Methyltransferases; Structure, Mechanism and Inhibition symposium**  
**Chestnut Residence & Conference Centre**  
**August 24<sup>th</sup> 2017, Toronto, Canada**

**Program**

8:45- 9:00           **Opening Remarks**  
**Masoud Vedadi**, *SGC and Pharmacology and Toxicology,*  
*University of Toronto*

**MLL Family of Proteins and Cancer; Discovery of Chemical Probes**

**Chairperson: Masoud Vedadi**

9:00- 9:30           **Rima Al-awar**, *Pharmacology & Toxicology, University of Toronto and*  
*Ontario Institute for Cancer Research (OICR), Canada.*  
**“The Optimization and Characterization of WDR5 Binders”**

9:30: 10:00       **Shaomeng Wang**, *Pharmacology and Medicinal Chemistry,*  
*University of Michigan, USA*

10:00- 10:30      **Jean-François Couture**, *Biochemistry, Microbiology and Immunology,*  
*University of Ottawa, Canada*

10:30-10:45       **Coffee Break**

10:45- 11:15      **Michael Cosgrove**, *Biochemistry and Molecular Biology,*  
*State University of New York Upstate Medical University, USA*  
**"Targeting the Win motif-WDR5 interaction in SET1/MLL family histone**  
**methyltransferases"**

11:15- 11:45      **Kehao Zhao**, *Novartis, USA*

12:00- 1:00       **Lunch**

**Diverse Roles of MTs in Health and Disease**

**Chairperson: Cheryl Arrowsmith**

*SGC, Princess Margaret Cancer Centre and Medical Biophysics,*  
*University of Toronto*

1:00- 1:30       **Mathieu Lupien**, *Medical Biophysics,*  
*University of Toronto, Canada.*

- 1:30- 2:00      **Ingo Hartung**, *Drug Discovery, Pharmaceuticals, Bayer, Germany*  
“Identification of Chemical Probes for Protein Methyltransferases:  
SMYD2 and Beyond”
- 2:00- 2:30      **Benjamin Garcia**, *Biochemistry and Biophysics,*  
*University of Pennsylvania School of Medicine. USA*
- 2:30- 2:45      Coffee Break
- 2:45- 3:15      **Jocelyn Côté**, *Cellular and Molecular Medicine,*  
*University of Ottawa, Canada*
- 3:15- 3:45      **Paul Delgado-Olguín**, *Physiology and Experimental Medicine,*  
*The Hospital for Sick Children, Toronto, Canada.*  
“Repressive Histone Methyltransferases as Regulators of Cardiovascular  
Development and Disease”
- 3:45- 4:15      **Jean-Claude Guillemot**, *AFMB Polytech, Marseille, France*  
“Viral Methyltransferases”
- 4:15- 4:45      **Dafydd Owen**, *Pfizer, USA*  
“To be confirmed”
- 4:45- 5:00      **Closing Remarks**  
**Cheryl Arrowsmith**

### Organizing Committee

**Masoud Vedadi**  
**Cheryl Arrowsmith**  
**Santha Santhakumar**

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Pharmacology and Toxicology  
University of Toronto**

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