



Canadian Society for Chemistry | **For Our Future**
Société canadienne de chimie | **Pour notre avenir**

Bernard Belleau Award

This award is presented to a scientist residing in Canada who has made a distinguished contribution to the field of medicinal chemistry through research involving biochemical or organic chemical mechanisms.

Terms of Reference

Deadline: July 2 of every year

Sponsor: Biological/Medicinal Chemistry Division

Award: A framed scroll

The recipient will be required to present an award lecture at the Canadian Chemistry Conference and Exhibition.

Nominations must include:

- **Citation** (250 word maximum) statement of why the candidate should receive the award. This is the key document in the nomination and this information should be relevant to the achievements for which the award is being offered.
- **Biographical Sketch** (maximum one page) This provides background information on the nominee and summarizes past accomplishments. This is a summary of information obtained from a C.V.
- **Curriculum Vitae** (maximum nine pages).
- **Supporting Letters** (3 to 5) At least two letters must be from outside the nominee's organization.

Membership in the CIC is not a prerequisite for this award.

If the nominee has previously received awards by the CSC and/or CIC, the nominator has to differentiate the current achievements from those that have been previously recognized.

All nominations will remain in force for three years. Nominators are responsible for keeping the record of the nominee up to date and complete.

No award will be given out, if less than 3 nominations for the award are received or if the Committee considers that no suitable candidate has been nominated.

Selection Committee

- CSC Director of Awards as non-voting Chair
- Chair of the Biological/Medicinal Chemistry Division
- Chair of the Organic Chemistry Division
- One past award winner
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List of Recipients

Date	Award Winner	Award Lecture
2018	David Vocadlo	Chemical biology tools for studying glycoconjugates - from enzymes to roles in cell physiology and disease
2017	Jeffrey W. Keillor	Targeted Covalent Inhibition of Tissue Transglutaminase in Cancer Stem Cells
2016	Patrick T. Gunning Learned	Targeted Covalent Modification of Cancer Promoting Proteins: Lessons Learned
2015	Andrei K. Yudin	New Synthetic Methods Based on Amphoric Reactivity: From Heterocycles to Bioactive Borofragments
2014	John Honek	Biological Chemistry of the Carbon-sulfur Bond
2013	William Lubell	Discovery and Study of Biologically Active Peptides Towards Drug Discovery
2012	Todd Lowary	Protein Recognition of Bacterial Glycans Containing
2011	Pierre Deslongchamps	From Fundamental Studies in Organic Synthesis to Drug Discoveries

Sponsored by Bristol Myers Squibb Canada

2010	Martin Tanner	Studies on, and the Manipulation of, Enzymes Involved in Alkaloid and Sialic Acid Biosynthetic Pathways
2009	Andrew Bennet	Intrinsic Reactivity and Catalysis in Carbohydrate Chemistry
2008	G. Andrew Wooley	Photo-Switchable Proteins
2007	Masad Damha	Silencing Aberrant RNAs with Arabinonucleic Acids: Possible New Therapeutic Agents
2006	Jik Chin	Ligand Design: From Artificial Hydrolytic Metalloenzymes to Stereoselective Recognition
2005	Victor Snieckus	Carbanion-Mediated Strategies for Synthetic Aromatic Chemistry
2004	David R. Bundle	
2003	Donald F. Weaver	
2002	B. Mario Pinto	
2001	Stephen Hanessian	
2000	N/A	

Hoffmann-La Roche Ltd. Award

Sponsored by Hoffman-La Roche Limited

1999	N/A	
1998	Stephen G. Withers	Understanding and Exploiting Glycosidases.
1997	René Roy	Neoglycoconjugates: New Glycotools for Immunochemical Investigations.
1996	J. W. Lown	Photochemistry and Photobiology of Perylenequinones.

Syntex Award

Sponsored by Syntex Discovery Research

1995	J. Peter Guthrie	Correlation and Prediction of Rate Constants for Organic Reactions.
1994	Ronald H. Kluger	Anionic Electrophiles, Protein Modification, and Artificial Blood.
1993	David Dolphin	Photodynamic Therapy.
1992	R. C. Barclay	Model Biomembranes: Quantitative Studies of Peroxidation, Antioxidant Action, Partitioning, and Oxidative Stress.
1991	R. Stanley Brown	Physical and Structural Properties of Distorted Bicyclic Analides and their Use as Model Substrates for Biomimetic Protease Studies.
1990	Robert A. McClelland	Molecular Interactions and Biological Effects of the Products of Reduction of Nitroimidazole Drugs.
1989	John Warkentin	New Chemistry of Acrylic and Cyclic Diazene Systems, Born from a Long Affair with Azo Functional Group.
1988	A. J. Kresge	Flash Photolytic Generation and Study of Reactive Species.
1987	R. Stewart	Some Aspects of Hydrogen Transfer in Organic Chemistry.
1986	E. G. Janzen	Spin Trapping
1985	E. Buncl	Interactions of Nucleophiles with Nitroaromatic Electrophiles and Super-Electrophiles.
1984	K. Yates	Photohydration Reactions.
1983	Keith U. Ingold	Vitamin E in vitro and in vivo.