

Announcement

The *Carbohydrate Research* Award 2007



Professor Todd L. Lowary

We are delighted to announce that the *Carbohydrate Research* Award for Creativity in Carbohydrate Chemistry 2007 has been won by Professor Todd L. Lowary, Professor of Chemistry at the University of Alberta, and Researcher at the Alberta Ingenuity Centre for Carbohydrate Science, Edmonton, AB, Canada.

The Award was established in 2001 by the Editors and Publisher of *Carbohydrate Research* and consists of a cheque for \$1000, a certificate and a complimentary subscription to the journal for two years. The award is presented to a carbohydrate scientist who has made significant original contributions to the field, in its broadest sense. Professor Lowary will present a plenary lecture on his work during the opening ceremony of the 14th European Carbohydrate Symposium in Lübeck, Germany (2–7 September 2007) and will be invited to publish a paper based on his research in *Carbohydrate Research*.

Professor Lowary's research is centered around mycobacterial polysaccharides. His work has led to seminal contributions in the areas of furanoside synthesis, conformational analysis, and biochemistry and enzymology related to these compounds. His group has synthesized a large number of fragments of two mycobacterial cell-wall polysaccharides, lipoarabinomannan (LAM) and arabinogalactan (AG). These synthetic fragments serve to assist in determining the role of these polysaccharides in the immune response to the tuberculosis organism, as well as the development of neoglycoconjugate vaccines, cloning of unique glycosyl transferases and diagnostic tests for the disease.

Professor Lowary has received numerous awards that recognize his contributions to teaching and research in carbohydrate science. He is at present an editor of *Carbohydrate Research*.

On behalf of the Publisher and the Editors of *Carbohydrate Research*, we offer our congratulations to Professor Lowary.