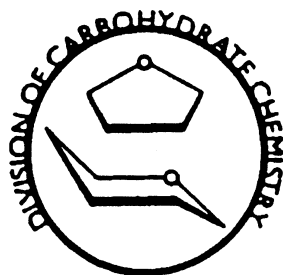


**American Chemical Society
Division of Carbohydrate Chemistry**

NEWSLETTER



Celebrating
80 Years
1921-2001

Summer 2001

**DIVISION OF CARBOHYDRATE CHEMISTRY
OFFICERS AND EXECUTIVE COMMITTEE FOR 2000-2001**

Office	Name	Phone, Fax, E-mail
Chairman (2000-2001)	John Robyt	515-294-1964 515-294-0453 (fax) jrobyt@iastate.edu
Chairman-Elect and Division Chairman (2000-2001)	Zbigniew J. Witczak	570-408-4276 570-408-7828 (fax) witczak@wilkes.edu
Past Chairman (2000-2001)	C. Fred Brewer	718-430-2227 brewer@aecom.yu.edu
Executive Secretary and Program Chairman (2000-2002)	Muthiah Manoharan	760-603-2381 760-929-0036 (fax) mmanoharan@isisph.com
Secretary and Newsletter Editor (2000-2002)	Kevin Rice	734-763-1032 734-763-2022 (fax) krice@umich.edu
Treasurer (1998-2002)	Gillian Eggleston	504-286-4446 gillian@nola.srrc.usda.gov
Councilor (1999-2002)	David A. Brant	949-824-6019 dbrant@uci.edu
Councilor (1998-2001)	Derek Horton	202-885-1750 202-885-1752 (fax) carbchm@american.edu
Alternate Councilor (1998-2001)	David Baker	865-974-1066 865-974-1536 (fax) baker@utk.edu
(2000-2003)	Waldemar Priebe	wp@wt.net
Executive Committee (members-at-large)	(99-01) C. Allen Bush	306-455-2506 bush@umbc.edu
	(99-01) Juan Navia	706-354-7545 jlnavia@ix.netcom.com
	(00-02) Carolyn Bertozzi	510-643-1682 bertozzi@cchem.berkeley.com
	(00-02) Chi-Huey Wong	wong@scripps.edu

ACS National Meeting, April 2001
PROGRAM FOR THE CARBOHYDRATE DIVISION
Chicago, Illinois August 26-30

McCormick Place-Lakeside Ctr

Sunday, 8/26	9:00 AM	Carbohydrate Enzymology	Rm E350
	2:00 PM	Wolfrom/Isbell Award Symposium	Rm E350
Monday, 8/27	9:00 AM	Nucleosides, Nucleotides and Oligonucleotides	Rm E350
	9:00 AM	Carbohydrate Vaccines and Bacterial Polysaccharides	Rm E259
	2:00 PM	Nucleosides, Nucleotides and Oligonucleotides	Rm E350
	2:00 PM	Carbohydrate Vaccines and Bacterial Polysaccharides	Rm E259
Tuesday, 4/3	9:00 AM	Carbohydrate Vaccines and Bacterial Polysaccharides	Rm E259
	1:30 PM	Solid-Phase and Automated Synthesis of Oligosaccharides and Carbohydrate Libraries	Rm E350
	2:00 PM	Carbohydrate Vaccines and Bacterial Polysaccharides	Rm E259
	2:00 PM	General Poster Session	EXPO Hall
Wednesday, 4/4	9:00 AM	Contributed Papers	Rm E259
	2:00 PM	Chemistry, Structure and Biochemistry of Carbohydrates	Rm E259
Thursday, 4/5	9:00 AM	Chemistry, Structure and Biochemistry of Carbohydrates	Rm E259

ACS National Meeting, August 2001
M.L. Wolfrom and H.S. Isbell Awards Banquet
Honoring Professor David C. Baker and
Professor Kevin G. Rice

The M. L. Wolfrom award for the year 2001 will be presented to David C. Baker, Ziegler Professor of Chemistry at the University of Tennessee. The H. S. Isbell award for the year 2001 will be presented to Kevin G. Rice, Associate Professor of Medicinal Chemistry and Pharmaceutics at the University of Michigan. The awards will be presented at the National ACS Meeting in Chicago, Illinois. There will be a special symposium on Sunday afternoon, August 26, highlighting work by the award winners, as well as the traditional banquet on Monday evening, August 27.

The reception and banquet will be at the following address:

Womens Athletic Club (enter from Ontario Street)

626 N. Michigan Ave.

Chicago, Ill 60611

312-944-6123

The reception will start at 6:00 P.M., and dinner will start promptly at 7:30 P.M.. This should be a popular event and seating is finite; so get your reservation in soon. The ticket price is \$50.

Please send your reservation by e-mail or fax or phone today, and pay for your ticket at your convenience. Of course there's the usual way, when you register in advance or on site or purchase the ticket from Dr. Fred Brewer.

Please contact:

Professor Fred Brewer
Albert Einstein College of Medicine
Dept. of Molecular Pharmacology
Bronx, NY 10461-1988
Phone: (718) 430-2227
Fax: (718) 430-8922
brewer@aecom.yu.edu

**DIVISION OF CARBOHYDRATE CHEMISTRY
ACS FUTURE PROGRAMS**

Program Chair: Muthiah Manoharan, Isis Pharmaceuticals, 2292 Faraday Avenue,
Carlsbad, CA, Phone 760-603-2381, Fax 760-929-0036, e-mail:
mmanoharan@isisph.com

2002 SPRING MEETING ORLANDO, FL – April 1-5, 2001

Multivalent Carbohydrate/Protein Interactions. Fred Brewer, brewer@aecom.yu.edu

Computer Modeling of Carbohydrates. Al french, afrench@nola.srrc.usda.gov

Aminoglycosides. Dev Arya, dparya@clomson.edu

Carbohydrate Therapeutics. L Bhattacharyya, LB@usp.org

Oligosaccharides in Food and Agriculture. Gillian Eggleston and Greg Cote',
gillian@srrc.ars.usda.gov

Nucleosides, Nucleotides and Oligonucleotides. Muthiah Manoharan,
mmanoharan@isisph.com

General Contributed Papers. Muthiah Manoharan, mmanoharan@isisph.com

Contributed Papers: Poster Session. Muthiah Manoharan,
mmanoharan@isisph.com

**YOUR HELP IS CRITICAL!
We need it!**

There has always been a small but very active group of individuals who have contributed to the programming of the Carbohydrate Division. If anyone has an idea for a symposium topic for future meetings, please contact any one of the officers listed in the front of this Newsletter.

ACS
DIVISION OF CARBOHYDRATE
CHEMISTRY BALLOT FOR THE 2000 ELECTION

At least one candidate has been nominated for each office. Please cut this page, mark your ballots and return them in the provided envelope at your earliest convenience, and no later than Monday, August 20, 2001 to:

Dr. Kevin Rice
College of Pharmacy
University of Michigan
428 Church Street
Ann Arbor, MI 48109-1065

You may also write in a candidate for any office. If you do so, be sure he or she is a member of the ACS and the Division of Carbohydrate Chemistry, and remember to place a mark in the box next to the candidate's name as well. You should not put your name or address in the envelope containing the ballot. However, please be sure to mark it with your ACS membership number (see your membership card or C&E News mailing label).

Chair Elect: (one year term; vote for one)

Rene' Roy – University of Ottawa

Wolfrom/Isbell Awards Committee: (three year term; vote for one)

Yuan C. Lee - Johns Hopkins University

Member at Large: (two year term; vote for two)

Dev Arya -Clemson University

Allen Bush-University of Maryland Baltimore County

Samuel Danishefsky-Sloan-Kettering Institute

Councilor:

Derek Horton – American University

Alternate Councilor: (two year term; vote for two)

David Baker-University of Tennessee

BIOGRAPHICAL SKETCHES OF THE CANDIDATES
(Please refer to the ballot)

Chair-Elect:

Rene' Roy — Professor Department of Chemistry, University of Ottawa, is the University of Ottawa, Faculty of Sciences, Researcher of the Year. His awards also include the Hoffmann-La Roche Distinguished Contribution to Medicinal Chemistry Award in 1997, and the Gifu Lectureship Award in Carbohydrate Chemistry in 1995. Prof. Roy's interests include the application of synthetic carbohydrate chemistry to problems in glycobiology including vaccines, cancer, flu virus, anti-inflammatory, dendrimers, plant lectins, and cell adhesion.

Isbell/Wolfrom Awards Committee:

Yuan C. Lee — Professor, Department of Biology, The Johns Hopkins University. Professor Lee's awards include the 2001 ACS Hudson Award in Carbohydrate Chemistry. Prof. Lee's interests include the role of glycoconjugates in biological systems. He is interested in the structure-function properties of the carbohydrate moieties of glycoconjugates in signal transduction mechanisms.

Members-at-Large:

Dev P. Arya — Assistant Professor and Director, Laboratory of Medicinal Chemistry, Clemson University, 1999-present. Organizer "Nucleic Acid Therapeutics" symposium at Southeast ACS Meeting, Savannah, GA, September 2001; Carbohydrate division contributions: Chair, Nucleosides, Nucleotides and Oligonucleotides session, and Organizer "Aminoglycoside Antibiotics" symposium to be held at the ACS national meeting in Orlando, 2002.; Reviewer for NSF Instrument Facilities Award; ACS Project SEED Mentor/Coordinator; Research Interests: Nucleic Acids Chemistry and Biochemistry; Natural product chemistry; Mechanisms of drug action; Molecular recognition.

C. Allen Bush — Professor of Chemistry and Biochemistry, University of Maryland Baltimore County. Professor Bush is currently a Member-at-Large of the Executive Committee of the Division of Carbohydrate Chemistry. His research interests include the application of high resolution NMR techniques to the study of carbohydrate polymers, with special emphasis on bacterial polysaccharides and lipopolysaccharides as candidates for vaccine development. He is co-organizer of a symposium on carbohydrate vaccines at the August, 2001 National ACS meeting in Chicago.

BIOGRAPHICAL SKETCHES OF THE CANDIDATES (Continued)
(Please refer to the ballot)

Samuel J. Danishefsky — Professor, Kettering Chair and Director, Laboratory for Bioorganic Chemistry, Sloan-Kettering Institute, New York. Professor Danishefsky's interests include the syntheses of antitumor and antiinfective natural products, analogues, thereof, and syntheses of fully synthetic carbohydrate epitope vaccines with the goal of suppression of tumor recurrence. Among his many awards, Professor Danishefsky is a recipient of the American Chemical Society's Hudson Award in Carbohydrate Chemistry.

Councilor:

Derek Horton — Professor, Department of Chemistry, American University, Washington, D.C., Isbell Chair in Natural Products Chemistry. Professor Horton is past Chairman of the Division of Carbohydrate Chemistry of the American Chemical Society, and currently a Councilor on the Executive Committee of the Division of Carbohydrate Chemistry. Professor Horton's interests include carbohydrate & natural products chemistry, and organic synthesis of polyfunctional molecules.

Alternate Councilor:

David C. Baker — Ziegler Professor of Chemistry at the University of Tennessee. He has been associated with the Division of Carbohydrate Chemistry since the early 1980's, serving in various positions, including Chairman during 1986-1987. Prof. Baker is active in affairs of the Division, having presented numerous papers, organized several symposia, and chaired many sessions during the national meetings. He has served as Alternate Councilor since 1998. He is the 2001 Melville L. Wolfrom Awardee.

NEW MEMBERSHIP APPLICATION
For
The ACS Division of Carbohydrate Chemistry

I wish to enroll as a member of the ACS Division of Carbohydrate Chemistry. I am currently a member or National Affiliate in good standing with the ACS.

Name (Dr., Mr., Mrs., Miss, Ms.) _____

Affiliation _____
(University, Institute, Company)

Street Address _____

City _____ State _____ Zip code _____

Country (if not USA) _____

Business Telephone _____
Fax _____

E-mail address _____

ACS Membership Number _____

(found on your ACS membership card or from the mailing label on your C&E News)

Please pass this information to your colleagues and friends!
Membership is free of charge for the first year; \$10.00 per year thereafter.

Mail to: Kevin Rice
College of Pharmacy
University of Michigan
428 Church Street
Ann Arbor, MI 48109-1065
krice@umich.edu

A BIG THANK YOU TO THE SPONSORS OF OUR PROGRAM !

The following companies provided financial support for our program:

ACS Corporation Associates

Genetic Institute

Isis Pharmaceuticals, Inc.

Optimer Pharmaceuticals, Inc.

Pfanstiehl Laboratories Inc.

Omicron Biochemicals, Inc.

Other Upcoming Symposia

Glycobiology 2001

14-Nov-2001 to 17-Nov-2001

Cathedral Hill Hotel, San Francisco, CA

www.glycobiology.org

conference@glycobiology.org

EUROCARB XI - European Carbohydrate Symposium

2-Sep-2001 to 7-Sep-2001

Lisbon, Portugal

eurocarbxi.fc.ul.pt

eurocarbxi@fc.ul.pt

XVIth International Symposium on Glycoconjugates

19-Aug-2001 to 24-Aug-2001

The Hague, The Netherlands

www.boc.chem.uu.nl/glyco16

glycoXVI@voc.chem.uu.nl

Chemistry, Biology and Applications of Bioconjugates

August 24-25, 2001

ACS Short Course, ACS National Meeting, Chicago

shortcourses@acs.org

800-227-5558

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