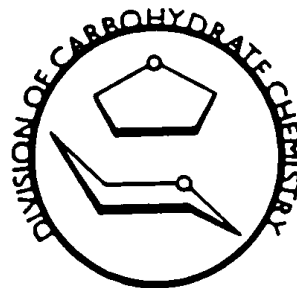


American Chemical Society
Division of Carbohydrate Chemistry

NEWSLETTER



Celebrating
75 Years
1924-1999

Fall 1999

Dr. Muthiah Manoharan
Secretary
ACS Carbohydrate Chemistry Division
Isis Pharmaceuticals Inc.
2292 Faraday Ave.
Carlsbad, CA 92008-7208 U.S.A.

**DIVISION OF CARBOHYDRATE CHEMISTRY
OFFICERS AND EXECUTIVE COMMITTEE FOR 1999-2000**

<u>Office</u>	<u>Name</u>	<u>Phone, Fax, E-mail</u>
Chairman (1999-2000)	Fred Brewer	718-430-2227 718-430-8922 (fax) brewer@aecom.ya.edu
Chairman-Elect and Program Chairman (1999-2000)	John Robyt	515-294-1964 515-294-0453 (fax)
Past Chairman (1999-2000)	Manssur Yalpani	508-366-4089 myalpani@aol.com
Executive Secretary and Program Liaison (1998-2000)	Zbigniew J. Witczak	860-742-0700 860-486-4998 (fax) wiczak@uconnvm.uconn.edu or Zwiczak@usa.net
Secretary and Newsletter Editor (1998-2000)	Mano Manoharan	760-603-2381 760-929-0036 (fax) mmanoharan@isisph.com
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)
Alternate Councilor (1997-2000)	Arland Hotchkiss	215-233-6448 215-233-6559 (fax)
Alternate Councilor (1998-2001)	David Baker	423-974-1066 423-974-1536 (fax)
Executive Committee (members-at-large)	(98-00) Kevin Rice	313-763-1032
	(98-00) Peter Norris	908-932-9611
	(99-01) C. Allen Bush	306-455-2506
	(99-01) Juan Navia	706-354-7545 jlnavia@ix.netcom.com



**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)

You may also apply for membership online at:

~~<http://www.ucc.uconn.edu/~wiczak/carbmem1.html>~~

Membership is free of charge for the first year; \$7.00 per year thereafter

Mail to: Dr. Muthiah Manoharan

Isis Pharmaceuticals
2292 Faraday Avenue
Carlsbad, CA 92008-7208

E-mail: mmanoharan@isisph.com
Phone (760) 603-2381
Fax (760) 929-0036



20th INTERNATIONAL CARBOHYDRATE SYMPOSIUM

Hamburg, Germany, August 27 - September 1, 2000,

On behalf of the International Carbohydrate Organization the German Organizing Committee cordially invites all scientists working or interested in all aspects of research in the glycosciences to participate in the 20th International Carbohydrate Symposium to be held in Hamburg, August 27-September 1, 2000.

Location: The Symposium will be held at the University of Hamburg in the Department of Chemistry which is located near downtown Hamburg. It is easily accessible from the Hamburg Airport and the Central Railway Station, by taxi or well-developed metro systems.

Exhibition: During the Symposium a trade exhibition of equipment, products, books etc. related to glycoscience will be held at the Symposium venue.

Scientific Programme: The scientific agenda will include presentations and discussions of all activities in glycoscience reaching from basic research to applied technology in areas spanning from synthesis via structural analysis into biological chemistry and medicine. In addition to plenary and invited session lectures there will be short oral communications and poster presentations. Contributions concerning basic research as well as applied findings in the carbohydrate field related to the headings Synthetic Aspects - Structural Analysis - Chemical Biology and Medicinal Chemistry - Industrial Glycotechnology are welcome.

Social Events: The social programme for delegates and accompanying persons will include an Opening Mixer, a Symposium Reception, and the Symposium Banquet. For accompanying persons a touristic programme with daily excursions will be arranged by SCC Seeland Congress + Communication. On Wednesday afternoon participants and accompanying persons will be invited to attend in joint excursions.

Symposium Secretariat: Further information regarding the 20th International Carbohydrate Symposium can be obtained from:

ICS 2000 Symposium Secretariat
Institut für Organische Chemie
Universität Hamburg
Martin-Luther-King-Platz 6
D-20146 Hamburg, Germany
Tel./Fax: +49-(0)40-4123-4325
email: ics2000@chemie.uni-hamburg.de
www: <http://ics2000.uni-hamburg.de/>

Conference Organizer: SCC Seeland Congress + Communication

ELECTION RESULTS

Thank you to those who returned ballots to vote for Division Officers. Newly elected Officers and Committee members are listed below, along with their terms (terms begin and end at the close of the Fall Business Meeting of the Division).

Chair-Elect:	John Robyt, 1999-2000
Councilor:	David A. Brant, 1999-2002
Executive Committee, at-large:	C. Allen Bush, 1999-2001 Juan Navia, 1999-2001
Wolfrom-Isbell Awards Committee:	P. Dan Cook, 1999-2002

Nominations sought for Wolfrom and Isbell Awards

You will find in this Newsletter two nomination forms, one for the Horace S. Isbell Award, and one for the Melville L. Wolfrom Award. If you know of anyone who should be nominated for either of these awards, please do so by filling out and returning the enclosed forms. The Wolfrom Award is intended to recognize those individuals who have provided outstanding service to the Division of Carbohydrate Chemistry and/or to the field of Carbohydrate Chemistry. The Horace S. Isbell Award is for the recognition of a younger carbohydrate scientist who has demonstrated excellence in the field and shows promise of continuing to make quality contributions to carbohydrate chemistry and biochemistry. The nominee for the Isbell Award must be under 41 years of age. Previous Award recipients are listed below.

Melville L. Wolfrom Award

1985	A. G. Holstein	1993	S. Hanessian
1986	R. S. Tipson	1994	J. R. Vercellotti
1987	M. W. Rutenberg	1995	C.-H. Wong
1988	D. Gorton	1996	M. A. Clarke
1989	H. S. El Khadem	1997	P. A. Seib
1990	J. N. BeMiller	1998	J. Robyt
1991	M. S. Feather	1999	W. Doane
1992	W. A. Szarek		

Horace

S. Isbell Award

1987	D. C. Baker	1994	R. J. Linhardt
1988	A. S. Serianni	1995	D. E. Kahne
1989	K. B. Hicks	1996	G. L. Cote
1990	J. M. Martin	1997	C. Bertozzi
1991	M. Yalpani	1999	J. Gervay-Hague
1993	H.-W. Liu		

DIVISION OF CARBOHYDRATE CHEMISTRY, ACS FUTURE PROGRAMS

Program Chair: Z. J. Witzcak, Department of Pharmaceutical Sciences, School of Pharmacy, University of Connecticut, 372 Fairfield Rd., U-92, Storrs, CT, 06269, Phone (860) 742-0700, fax (860) 486-4998, e-mail: witzcak@uconnvm.uconn.edu and/or ZWitzcak@usa.net

SAN FRANCISCO, March 26-30, 2000

The Online Abstract Submittal System (OASys) is now available for instant paper submission at www.acs.org/meetings. If you do not have web access, please send one original hard copy abstract form to the individual listed.

Glycobiology. C. Fred Brewer, Albert Einstein College of Molecular Pharmacology, Bronx, NY 10461-1988, (718) 430-2227, e-mail: brewer@aecom.yu.edu

Enzyme Glycobiology. S. G. Withers, University of British Columbia, Department of Chemistry, 2036 Main Mall, Vancouver, Canada, V6T 1Z1, (614) 822-3402, fax (614)-322-2847, e-mail: withers@chem.ubc.ca

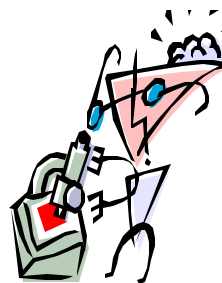
Carbohydrate Therapeutics, V. Sasak, Safe Science, Inc., 31 St. James Avenue, Suite 520, Boston, MA 02116, (617) 422-0674, fax (617)-422-0675, e-mail: vsasak@safesci.com

Oligonucleotide Therapeutics. Muthiah Manoharan and P. Dan Cook, Isis Pharmaceuticals Inc., 2292 Faraday Ave., Carlsbad, CA 92008-7208, (760) 603-2357, e-mail: mmanoharan@isisph.com or dcook@isisph.com

Carbohydrate Synthons in Natural Product Synthesis. Z. J. Witzcak, University of Connecticut, Department of Pharmaceutical Sciences, School of Pharmacy, 372 Fairfield Rd., U-92, Storrs, CT, 06269, (860) 742-0700, fax (860) 486-4998, e-mail: witzcak@uconnvm.uconn.edu and/or ZWitzcak@usa.net ; Kuniaki Tatsuta, Waseda University, Graduate School of Science and Engineering, Shinjuku, Tokyo 169, Japan, e-mail: tatsuta@mn.waseda.ac.jp

Contributed Papers, Z. J. Witzcak, University of Connecticut, Department of Pharmaceutical Sciences, School of Pharmacy, 372 Fairfield Rd., U-92, Storrs, CT, 06269, (860) 742-0700, fax (860) 486-4998, e-mail: witzcak@uconnvm.uconn.edu and/or ZWitzcak@usa.net; Kuniaki Tatsuta, Waseda University, Graduate School of Science and Engineering, Shinjuku, Tokyo 169, Japan, e-mail: tatsuta@mn.waseda.ac.jp

Carbohydrate Enzymology, S. G. Withers, University of British Columbia, Department of Chemistry, 2036 Main Mall, Vancouver, Canada, V6T 1Z1, (614) 822-3402, fax (614)-822-2847, e-mail: withers@chem.ubc.ca



YOUR HELP IS CRITICAL! We need it!

There has always been a small but very active group of individuals contributing to the programming of the Carbohydrate Division. Considering our membership is about 1200, we feel that many of you out there could contribute some new ideas for programming. 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.

1999-2000 Newsletter Publication Deadlines



Fall 1999	October 1, 1999
Spring 2000	March 1, 2000
Summer 2000	June 1, 2000
Fall 2000	October 1, 2000



What's New?



JOB POSTING

Two positions, one in organic chemistry and one in biochemistry, are open at Southeastern Louisiana University in Hammond LA. Applicants with research interests in carbohydrate chemistry are welcome to apply for either position. Both begin August 2000 at a rank of Assistant Professor, and both are tenure-track appointments with a salary of about \$36,660. For more information, you may either contact Dr. Linda Munchausen at 504-549-2160, fax 504-549-5126 or go the following website: <http://www.selu.edu/Administration/Depts/HumanResources/hrojobfa.htm>.

