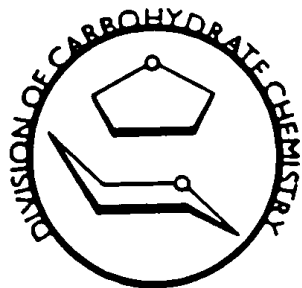


American Chemical Society
Division of Carbohydrate Chemistry

NEWSLETTER



Celebrating
75 Years
1927-1990

Fall 2000

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

<u>Office</u>	<u>Name</u>	<u>Phone, Fax, E-mail</u>
Chairman (1999-2000)	John Robyt	515-294-1964 515-294-0453 (fax) jrobyt@iastate.edu
Chairman-Elect (2000-2001)	Zbigniew J. Witczak	570-408-4276 570-408-7828 (fax) witczak@wilkes.edu
Past Chairman (1999-2000)	Fred Brewer	718-430-2227 718-430-8922 (fax) brewer@aecom.yu.edu
Executive Secretary and Program Chair (2000-2003)	Muthiah Manoharan	760-603-2381 760-929-0036 (fax) mmanoharan@isisph.com
Secretary and Newsletter Editor (2000-2002)	Kevin G. 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 (2000-2001)	Waldemar Priebe	713-792-3777 wp@wt.net
Alternate Councilor (1998-2001)	David Baker	865-974-1066 865-974-1536 (fax) baker@utk.edu
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.edu
	(00-02) Chi-Huey Wong	858-784-2487 wong@scripps.edu

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

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	Zbigniew Witczak, 2000-2001
Exec. Secretary/Program Chair	Muthiah Manoharan, 2000-2003
Secretary/Newsletter	Kevin G. Rice, 2000-2002
Alternate Councilor	Waldemar Priebe, 2000-2001
Executive Committee, at-large	Carolyn Bertozzi, 2000-2002 Chi-Huey Wong, 2000-2002
Awards Committee	Jackie Gervay-Hague, 2000-2003

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 would like to nominate someone for either of these awards for the year 2001, 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. Horton	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	2000	Z. Witczak

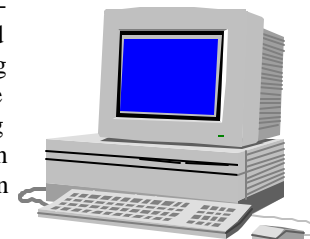
Horace S. Isbell Award

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
1992	B. M. Pinto	2000	L. Kiessling
1993	H.-W. Liu		

CARB Division has a new Website!!!

Professor Peter Norris (pnorris@cc.ysu.edu) of Youngstown State University has taken over the responsibility for the website. Log on for all the ACS and CARB Division news and events at <http://membership.acs.org/C/CARB>

The website offers information on meetings, job opportunities, newsletters and much more. Dr. Norris will be updating as new information is gathered. Please be sure to help him to do by contacting him with ACS news/CARB Division news. The history of the CARB Division is also featured.



GLYCO XVI Symposium August 2001

XVI International Symposium on Glycoconjugates will be held in The Netherlands. For complete details: Glyco XVI Symposium Secretariat, Quality Associates, Van Breestraat 156, The Netherlands, Phone +31 20 6721980, Fax +31 20 6759410, Email: QualityAsscoiates@compuserve.com or www.boc.chem.uu.nl

THE 19TH INTERNATIONAL LECTIN MEETING MARCH 25-30, 2001 FORTALEZA, CEARA, BRAZIL

This carbohydrate-related meeting is sponsored by the BIOMOL LAB, Laboratory of Biological Active Molecules, Federal University of Ceara. The individual to contact is Dr. A. H. Sampaio, BioMol Lab, Department of Fishing Engineering, Federal University of Ceara, PO Box 6033, 60.451-970 – Fortaleza - Ceara – Brazil. His e-mail is interlec19@ufc.br. The web site for the meeting is <http://ufc.br/interlec19>.



**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: Dr. Kevin G. Rice
Associate Professor of Medicinal Chemistry & Pharmaceutics
University of Michigan, College of Pharmacy
428 Church Street
Ann Arbor, MI 48109-1065
E-mail: krice@umich.edu
Phone: (734) 763-1032
Fax: (734) 763-2022



2000 Wolfrom and Isbell Awards Ceremony



2000 Wolfrom awardee, Professor Zbigniew Witzcak, and Isbell awardee, Professor Laura Kiessling with the CARB Division Chairman, Professor Fred Brewer on 8/22/00 during the ACS 220th National Meeting award ceremonies held in Washington, D. C.



2001 Newsletter Publication Deadlines

Spring 2001 -	March 1, 2001
Summer 2001 -	June 1, 2001
Fall 2001 -	October 1, 2001

YOUR HELP IS CRITICAL!

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.



2001 Claude S. Hudson Award Winner

Professor Y. C. Lee, Johns Hopkins University

This years Claude S. Hudson award winner for outstanding achievement in carbohydrate chemistry and biochemistry is Professor Y.C. Lee from the Department of Biology at Johns Hopkins University. Professor Lee began his career by receiving a BS (55) and MS (57) from National Taiwan University. In 1962 he completed his Ph.D. at the University of Iowa working under Professor Rex Montgomery and then pursued postdoctoral studies at Berkeley under the direction of Professor Clint Ballou. Dr. Lee has been on the faculty at Johns Hopkins University since 1965 and at the rank of full Professor since 1974. He has won numerous awards including a National Institutes of Health Research Career Development Award and Merit Award, the Herbert Sober Lectureship Award, the Distinguished Professor Award at Tokyo Institute of Technology and the National Institutes of Health Fogarty Fellowship Award. He presently serves as an Editor for the J. Biological Chemistry, Carbohydrate Research, Carbohydrate Letters, Trends in Glycoscience and Glycotechnology and the J. of Biomedical Science. He has also served for over twenty years as an Executive Editor for Analytical Biochemistry.

During his long and productive career, Dr. Lee has made numerous contributions to the fields of carbohydrate chemistry and glycobiology. Dr. Lee was a pioneer in the design and synthesis of neoglycopeptides and proteins that were used to elucidate the nature of the binding specificity of C-type lectins. His work led to the discovery of the multi-valency affect by which mammalian lectins increase their affinity for clustered glycosides. He continues to be a leader in the development of revolutionary methods of separation and analysis of complex carbohydrates. His group was one of the first to demonstrate the separation of structurally diverse carbohydrate structures using high pH anion exchange chromatography. More recently, Dr. Lee has demonstrated the use of fluorescence spectroscopy to study the structure N-glycan and the use of reverse enzymatic catalysis to prepare unique glycoconjugates. It is for his truly unique approach of using carbohydrate synthetic chemistry to prepare biological probes to reveal the functions of carbohydrates in nature that the Carbohydrate Division honors Dr. Y.C. Lee as years Hudson award winner.

DIVISION OF CARBOHYDRATE CHEMISTRY ACS FUTURE PROGRAMS

Program Chair: Muthiah Manoharan, Isis Pharmaceuticals,
2292 Faraday Avenue, Carlsbad, CA 92008
Phone: 760-603-2381, Fax: 760-929-0036
e-mail: mmanoharan@isisph.com

Hardcopy Deadline – Nov. 1, 2000

Electronic Version Submission Deadline – Nov. 15, 2000

OASYS Website: <http://oasys.acs.org/admin.htm>

**Choose Author Abstract Submission Page,
Choose CARB Division, Choose Appropriate Topic/
Symposium to submit the paper**

2001 SPRING MEETING SAN DIEGO, CA – April 1-5, 2001

Hudson Award Symposium. John F. Robyt, Laboratory of Carbohydrate Chemistry and Enzymology, Iowa State University, IA, 4252 Molecular Biology Bldg., Ames, IA 50010, e-mail jrobyt@iastate.edu

Glycals: Modern Chemistry and New Development. Waldemar Priebe, The University of Texas, M. D. Anderson Cancer Center, Houston, TX 77030, e-mail wp@wt.net

Glycobiology Symposium. C.-H. Wong, Scripps Research Institute, 10550 Torrey Pines Road, La Jolla, CA e-mail: wong@scripps.edu

Nucleic Acid Based Therapeutics and Related Technologies. Muthiah Manoharan, Isis Pharmaceuticals, Inc., 2292 Faraday Avenue, Carlsbad, CA 92008 e-mail: mmanoharan@isisph.com

General Contributed Papers. Muthiah Manoharan, Isis Pharmaceuticals, Inc., 2292 Faraday Avenue, Carlsbad, CA 92008

Contributed Papers: Nucleosides, Nucleotides and Oligonucleotides. Muthiah Manoharan, Isis Pharmaceuticals, Inc., 2292 Faraday Avenue, Carlsbad, CA 92008

Contributed Papers: Poster Session. Muthiah Manoharan, Isis Pharmaceuticals, Inc., 2292 Faraday Avenue, Carlsbad, CA 92008
