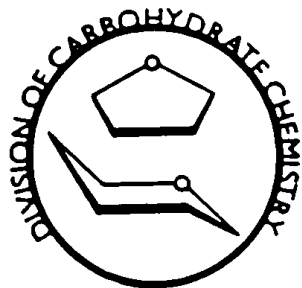


**American Chemical Society  
Division of Carbohydrate Chemistry**

# NEWSLETTER



*Celebrating*  
75 Years  
1927-1996

**Spring 2000**

## **A BIG THANK YOU TO SPONSORS OF OUR PROGRAM!**

The following companies provided financial support for our San Francisco program:

Meiji Seika Kaisha, Ltd  
Taiho Pharmaceutical Ltd.  
Safe Science Inc.  
Isis Pharmaceuticals Inc.  
Genetech Inc.  
EY Laboratories, Inc.  
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We are very grateful for their generous and

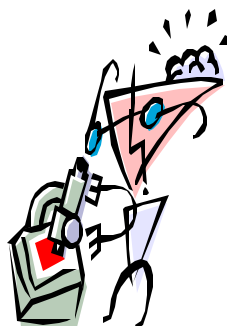
## Job posting

The Whistler Center for Carbohydrate Research, Purdue University has a faculty position opening for a carbohydrate polymer chemist, i.e., a polysaccharide chemist. The position is listed as being at the Assistant or Associate Professor level. Potential applicants can obtain a job description and further information by contacting (preferably by e-mail):

James N. BeMiller  
 Professor and Director  
 Whistler Center for Carbohydrate Research  
 Department of Food Science  
 1160 Food Science Building  
 Purdue University  
 West Lafayette, IN 47907-1160  
 Tel. (765) 494-6171  
 Fax (765) 494-7953  
 E-mail: bemiller@purdue.edu

## 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

### 2000 Newsletter Publication Deadlines

Summer 2000 June 1, 2000  
 Fall 2000 October 1, 2000



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

Office	Name	Phone, Fax, E-mail
Chairman (1999-2000)	Fred Brewer	718-430-2227 718-430-8922 (fax) brewer@aecom.yu.edu
Chairman-Elect and Program Chairman (1999-2000)	John Robyt	515-294-1964 515-294-0453 (fax) jrobyt@iastate.edu
Past Chairman (1999-2000)	Manssur Yalpani	508-366-4089 myalpani@aol.com
Executive Secretary and Program Liaison (1998-2000)	Zbigniew J. Witczak	570-408-4276 570-408-7828 (fax) witczak@wilkes.edu
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) carbchm@american.edu
Alternate Councilor (1997-2000)	Arland Hotchkiss	215-233-6448 215-233-6559 (fax) ahotchkiss@arserrc.gov
Alternate Councilor (1998-2001)	David Baker	423-974-1066 423-974-1536 (fax) Baker@novell.chem.utk.edu
Executive Committee (members-at-large)	(98-00) Kevin Rice	313-763-1032 krice@umich.edu
	(98-00) Peter Norris	908-932-9611 pnorris@cc.ysu.edu
	(99-01) C. Allen Bush	306-455-2506 bush@umbc.edu
	(99-01) Juan Navia	706-354-7545 jlnavia@ix.netcom.com

**ACS National Meeting, March 2000**  
**PROGRAM FOR THE CARBOHYDRATE DIVISION**  
**San Francisco, California, March 26-30,**  
**MCC: Muscone Convention Center**



**NEW MEMBERSHIP APPLICATION**  
**For**  
**The ACS Division of Carbohydrate Chemistry**

<u>Day/Date</u>	<u>Start Time</u>	<u>Symposium Title</u>	<u>Location</u>
Sunday 3/26	9:30AM	Oligonucleotide Therapeutics	MCC, Rooms 270-272, Mezzanine Level
	2:00PM	Oligonucleotide Therapeutics	MCC, Rooms 270-272, Mezzanine Level
Monday 3/27	8:30AM	Synthetic Carbohydrate Chemistry	MCC, Room 270, Mezzanine Level
	9:00AM	Glycobiology	MCC, Rooms 270-272, Mezzanine Level
	1:30PM	Contributed Papers	MCC, Rooms 132-133, Mezzanine Level
	2:00PM	General Poster Session	MCC, Exhibit Hall D, Exhibit Level
	2:00PM	Glycobiology	MCC, Rooms 270-272, Mezzanine Level
Tuesday 3/28	8:30AM	Carbohydrate Therapeutics	MCC, Rooms 270-272, Mezzanine Level
	9:00AM	Carbohydrate Analysis	MCC, Room 309, Esplanade Level
	2:00PM	Biochemistry of Carbohydrates	MCC, Room 309, Esplanade Level
	1:30PM	Nucleosides and Nucleotides	MCC, Rooms 270-272, Mezzanine Level
Wednesday 3/29	8:30AM	Carbohydrate Synthons in Natural Product Synthesis: 21st Century Challenge	MCC, Rooms 270-272, Mezzanine Level
	9:00AM	Carbohydrate Analysis	MCC, Room 130, Exhibit Level
	2:00PM	Carbohydrate Synthons in Natural Product Synthesis: 21st Century Challenge	MCC, Rooms 270-272, Mezzanine Level
Thursday 3/30	9:00AM	Biochemistry of Carbohydrates	MCC, Rooms 270-272, Mezzanine Level
	1:00PM	Biochemistry of Carbohydrates	MCC, Rooms 270-272, Mezzanine Level

**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; \$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



## ACS CARBOHYDRATE DIVISION ELECTIONS:

### Invitation for Nominations:

**Deadline June 1, 2000**

The Bylaws of the Division of Carbohydrate Chemistry require that the Nomination Committee solicit nominations for officers and elected committee members from members of the Division. The Nominating Committee would like to receive suggestions for the following positions to be filled, and names will appear on the ballot included with the Summer newsletter. The bylaws state that "preference should be given to qualified members of the Division who have not yet held the office to be filled" and that "preference for the office of Chair elect should be given to a qualified members of the Division with previous experience on the Executive Committee." The offices and committee positions to be filled for 2000 are listed below. Names and supporting signatures should be sent to:

**Mansur Yalpani, Chairman, Nominations Committee**

BTI, P.O. Box 84, Westborough, MA 01581,

(508) 366-4089,

e-mail: myalpani@aol.com

If you wish to nominate someone, but cannot obtain the ten signatures, submit the partially completed form. Remember to sign the form before submitting it. (Feel free to photocopy this form.) **Deadline: JUNE 1, 2000**

**Positions Available:**

**Your Nomination:**

Chair-Elect

\_\_\_\_\_

Executive Secretary

\_\_\_\_\_

Secretary/Newsletter Editor

\_\_\_\_\_

Alternate Councilor

\_\_\_\_\_

Executive Committee(2)

\_\_\_\_\_

**Signatures:**

**10 signatures needed. If you cannot get 10 signatures, submit the partially completed nomination form, and the Chairman of the Nominations Committee will assist you in obtaining additional signatures.**

**Please use the backside of this form to get the signatures or use an additional sheet.**

## ACS 220<sup>th</sup> National Meeting PROGRAM FOR THE CARBOHYDRATE DIVISION Washington, D.C. August 20-24, 2000

**Program Chair:** Fred Brewer, (718) 430-2227, fax (718) 430-8922, e-mail: brewer@acem.yu.edu.

**Program Liaison/Executive Secretary:** Z. Witczak, Wilkes U Dept. of Pharmaceutical Sciences School of Pharmacy, Wilkes-Barre, PA 18766, (570) 408-7828, fax (570) 408-7828, e-mail: witczak@wilkes.edu.

Four copies of abstract (original on ACS Abstract Form) to program liaison/executive secretary by **May 1, 2000**.

Online abstract submittal using OASys in preferred.

**Wolfrom-Isbell Award Symposium.** Mansur Yalpani, BTI, P.O. Box 84, Westborough, MA 01581, (508) 366-4089, e-mail: myalpani@aol.com

**Contributed Papers.** Zbigniew J. Witczak

**Nucleosides, Nucleotides & Oligonucleotides.** Muthiah Manoharan e-mail: mmanoharan@isisph.com

**Glycosylphosphatidylinositol Anchors.** Peter Konradsson, U of Stockholm, Dept. of Chemistry, Stockholm, Sweden, e-mail: pk@admin.organ.su.edu

**Biochemistry of Polysaccharides.** John F. Robyt. Iowa State U, Dept. of Biochemistry, 4252 Molecular Biology Bldg., Ames, IA 50011, (515) 294-1964, e-mail: jrobyt@iastate.edu

**Inosine Monophosphate Dehydrogenase (IMPDH): Perspectives on a Major Therapeutic Target.** Krzysztof W. Pankiewicz, Pharmasset Inc., 1860 Montreal Rd., Tucker, GA 30084, (678) 395-0027 or (770) 723-1066, fax (678) 395-0030 or (770) 723-1067, e-mail: kpankiewicz@pharmasset.com; Barry Goldstein, U of Rochester Medical Ctr., 601 Elmwood Ave., Rochester, NY 14642, (716) 275-5095, fax (716) 275-6007, e-mail: Barry\_Goldstein@urmc.rochester.edu.

**ACS 220<sup>th</sup> National Meeting  
CALL FOR PAPERS  
Washington, D.C. August 20-24, 2000**

The online abstract submittal system "OASYS" is officially open to the public as of March 14, 2000 at 12:00PM. Please log onto:

**<http://acs.confex.com/oasys.htm>**

Once you have logged onto the website, click on "CARB" and follow the instructions online.

The official deadline for the submission of your online abstracts is **May 1, 2000**. Please encourage your students, associates, and co-workers to submit their abstracts online early, so as to avoid any rush at the very last moment.

Zbigniew J. Witczak

Associate Professor

Program Liaison/Executive Secretary, CARB Division

Department of Pharmaceutical Sciences,

School of Pharmacy, Wilkes University

Wilkes-Barre, PA 18766 P.O. Box 111

Phone: (570) 408-4276

Fax: (570) 408-7828

E-mail: [witczak@wilkes.edu](mailto:witczak@wilkes.edu)

**UPCOMING NATIONAL ACS MEETINGS:**

Washington D.C., August 20-24, 2000

San Diego, CA, April 1-5, 2001

Chicago, IL, August 26-30, 2001

Orlando, FL, April 7-11, 2002

Boston, MA, August 18-22, 2002

Do you have suggestions for symposia/meeting sessions for the above meetings? Please contact Zbigniew Witczak, Fred Brewer or Mano Manoharan by e-mail.

**THE COLLECTED PAPERS OF H. S. ISBELL**

In 1988 the CARB Division published "The Collected Papers of H.S. Isbell". This three volume set, containing 1795 total pages and a total of 188 research papers, was published to celebrate the 90th birthday of this eminent carbohydrate chemist. At that time, the Division also established a young investigator award in his name and that award has now been given each year to the top, young carbohydrate scientists in North America.

Professor Isbell spent much of his career at the National Bureau of Standards and then joined the American University's Department of Chemistry in 1967. Professor Isbell passed away in 1992 at the age of 93. Soon after, the Horace and May Davidson Isbell Chair of Natural Products Chemistry was established at the American University to honor him and his late wife.

Professor Isbell left a lasting mark on carbohydrate chemistry. His work was pioneering and led to much of our present knowledge about carbohydrate chemistry.

Through advertisement in our Division's Newsletter and through direct mailing activities, the Division has sold about 250 copies of the "Collected Papers" sets. However, we still have around 200 sets left and we are in the process of finding new homes for them, since ACS can no longer house them in their present space.

**In view of Professor Isbell's historical status in chemistry and his contributions to Carbohydrate Chemistry, if you are interested in receiving his work for your personal library, please contact Dr. Hicks for further information:**

Dr. Kevin B. Hicks

Research Leader

Eastern Regional Research Center, ARS, USDA

600 E. Mermaid Lane

Wyndmoor, PA 19038

215-233-6579 voice

215-233-6406 fax

[khicks@arserrc.gov](mailto:khicks@arserrc.gov)

\* The CARB Division would like to acknowledge the efforts of Dr. Hicks in preserving the works of Professor Isbell.