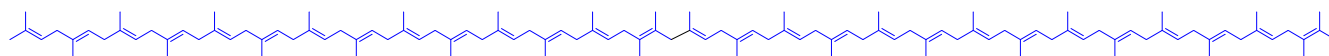


**The American Chemical Society
Division of Medicinal Chemistry
Fall, 2000 Newsletter**



Editor: Patrick M. Woster, Ph.D.
Program Chair: D. Amy Trainor, Ph.D.
Division WWW Site: <http://wiz2.pharm.wayne.edu>



Division Election Results

The Division of Medicinal Chemistry held its annual officer elections in October, 2000. The election results have now been tabulated and the new members of the Executive Committee for 2001 are:

- Vice Chair - Wayne Brouillette (University of Alabama at Birmingham)
- Industrial Councilor - Jim Monn (Eli Lilly and Co.) (2001-2003)

Joe Yevich, the other candidate for Industrial Councilor, will serve as the Alternate Councilor. Congratulations to our new EC members, who will begin their terms January 1, 2001! It should be duly noted that all votes were counted (including those with dimpled CHAD's), and no recounts were requested (not even in Florida)!!

News from the Executive Committee

Note: A complete copy of the MEDI Executive Committee Meeting Minutes can be found on-line in PDF format at <http://wiz2.pharm.wayne.edu/ecminf2000.pdf>.

- Phil Portoghesi provided a report on the status of the *Journal of Medicinal Chemistry*. Submissions from Europe have increased significantly, but the overall submission of manuscripts has remained nearly constant. This effect was attributed to a reduction in industrial submissions. For this reason, the *Journal* will initiate on-line submission of communications. Electronic subscription levels are on the rise, while print subscriptions have declined. The *Journal* maintains an impact factor of 4.5.

- Dan Rich reported on the status of the National MedChem symposium, to be held at the Wisconsin Memorial Union on June 27-July 2, 2004.. The details pertaining to the site are being worked out, and planning is well underway. The Committee received an update on the 2002 National MedChem Symposium, to be held in San Diego in June of 2002. Dan Cook nominated Dr. Yitzhak Tor, Assistant Professor at UCSD, as Program Chair, and informed us that UCSD will serve as host for the symposium. The Committee unanimously approved Dr. Tor as Program Chair.
- Bill Greenlee presented a proposal for a Historical Symposium to be presented at the Chicago meeting (in conjunction with the 125th Anniversary of ACS). A full-day symposium with an associated dinner and reception was suggested. The LRPC will be responsible for proposing a list of speakers.
- The Awards Nominating Committee for 2001 will be chaired by Ken Kirk.
- Membership Committee - Division membership is now greater than 9,400. The issues of recruiting new members and retaining members were considered.
- *Annual Reports in Medicinal Chemistry* - Volume 35 is complete, and was mailed to Division members in October. A new 3-year contract with Academic Press was negotiated by Annette Doherty, and each copy of *Annual Reports* will be increased in cost by \$1.00. It was proposed that a dues increase of \$2.00 per year be implemented in all membership categories to offset increased publication and programming costs.

News from the Long Range Planning Committee

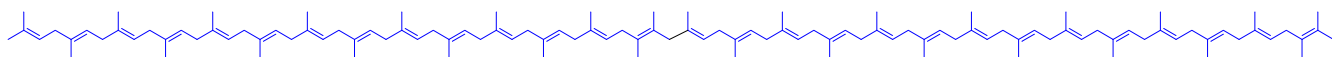
The program for the 221st American Chemical Society Meeting to be held in San Diego, CA, is as follows:

- | | | |
|---|---------|---|
| ➤ | SUN AM | Natural Products: Nature's Combichem |
| ➤ | SUN PM | HIV Co-Receptors |
| ➤ | SUN EVE | Posters |
| ➤ | MON AM | PPAR and Other Orphan Nuclear Receptors I |
| ➤ | MON PM | PPAR and Other Orphan Nuclear Receptors II |
| ➤ | MON PM | EFMC Symposium |
| ➤ | TUES AM | Award Symposium |
| ➤ | TUES PM | Award Symposium |
| ➤ | WED AM | Accelerating Drug Discovery with SDDD Tools |
| ➤ | WED PM | Candidate Enhancement Technologies |
| ➤ | WED ALL | Posters |
| ➤ | THUR AM | Drug-Membrane Interactions |
| ➤ | THUR PM | Protease-Activated Receptor (PAR) Antagonists |

As always, General Oral sessions (4-5) will be added in the appropriate slots. Contact information for LRPC members can be found on the Division WWW site at <http://wiz2.pharm.wayne.edu/lrpcmem.html>.

The program for the 222nd American Chemical Society Meeting to be held in Chicago, IL, is as follows:

➤	SUN AM	Farnesyl Transferase Inhibitors
➤	SUN AM	General Oral Session
➤	SUN PM	Non-Taxoid Tubulin
➤	SUN PM	General Oral Session
➤	SUN EVE	Posters
➤	MON AM	Smismman Award Symposium
➤	MON PM	Process Research II
➤	MON PM	Proteasome Inhibitors
➤	TUES AM	Student Fellowship Symposium
➤	TUES AM	General Oral Session
➤	TUES PM	Historical
➤	TUES PM	New Therapies for Parasitic Infection
➤	WED AM	Growth Hormone Secretagogues
➤	WED PM	Neuropeptide Y
➤	WED PM	General Oral Session
➤	WED ALL	Posters
➤	THURS AM	Cannabinoids
➤	THURS AM	Genomics and Drug
➤	THURS PM	Novel Approaches to the Discovery of Treatments for Psychiatric Disorders



On-Line Services of the Division of Medicinal Chemistry

In all likelihood, this will be the last printed edition of the Division Newsletter to be distributed to the membership. In the future, the Newsletter will be available on the Internet as an html file, complete with pictures and links to sites or individuals mentioned in the text. The Newsletter will also be available from the Division website in PDF format. Those who would like a hard copy of the Newsletter can download and print the PDF file using Adobe Acrobat Reader, a freeware program that is readily available from the Adobe site. When future Newsletters are published, their availability will be announced on the Division LISTSERV (see below).

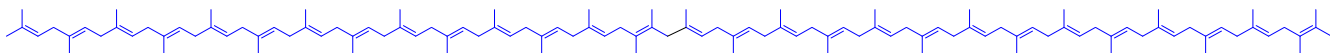
The WWW homepage for the Division of Medicinal Chemistry, located at <http://wiz2.pharm.wayne.edu>, is your best option for accessing up-to-the-minute information concerning the Division. The page has an easy-to-use graphic interface where users select topics on a site map. The homepage includes a What's New section for late-breaking announcements, an FTP site for public domain software, and an Employment section for posting academic, industrial, government and postdoctoral employment opportunities in Medicinal Chemistry.

The Division LISTSERV is the most expedient method for disseminating announcements and other pertinent info. If you are not yet a member of the Division LISTSERV, you can subscribe by sending the following command to listserv@lists.wayne.edu:

subscribe acsmedi firstname lastname

In return, you will receive an E-mail detailing how to use the list. This LISTSERV is private, and thus you do not need to worry about receiving unwanted messages (SPAM). **This list will be used to announce the availability of future Division Newsletters.**

The ACSMEDI "virtual job service", located at <http://wiz2.pharm.wayne.edu/employ.html>, is currently a free service. Division members may post ads to the employment section in any of the four sections (industrial, academic, government, postdoctoral) by forwarding the text of the position announcement and any associated graphics by e-mail to Pat Woster at woster@wizard.pharm.wayne.edu.

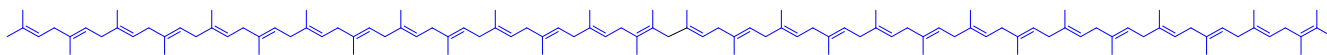


2000-2001 Predoctoral Fellowships

Five \$20,000 fellowships have been awarded to students in graduate programs engaged in medicinal chemistry research. A number of applications were reviewed by a committee of experts from both Academia and Industry. The sponsoring companies are: Abbott, Bristol-Myers Squibb, Hoechst-Marion Roussel, Wyeth-Ayerst, Parke-Davis. The recipients and (mentors) are:

Stacy J. Keding (Mentor: Prof. Dan Rich) - University of Wisconsin-Madison
Jeffrey A. Pfefferkorn (Mentor: K.C. Nicolaou) - Scripps Research Institute
Giselle Knudsen (Mentor: P.R. Ortiz de Montellán) - University of California at San Francisco
David L. Evers (Mentor: John C. Drach) - University of Michigan
Adam Richardson (Mentor: C. Ireland) - University of Utah

Congratulations to the winners of these awards! We also thank the other applicants for the excellent proposals which were submitted.



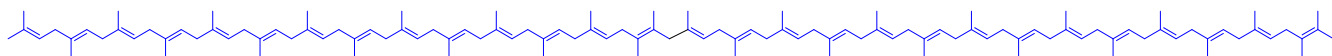
2001-2002 Predoctoral Fellowships

The ACS Division of Medicinal Chemistry announces the continuation of its Fellowship program. Five \$20,000 fellowships will be awarded in 2001. The awards are for predoctoral students engaged in medicinal chemistry research in a Medicinal Chemistry, Pharmaceutical Chemistry, Biochemistry, or Chemistry department listed in the current ACS Directory of Graduate Research. Nominations should include a complete

student curriculum vitae, including education and work experience; a student bibliography, including reprints of articles; a complete project description including rationale (five-page limit) prepared by the candidate; transcripts of all post-high school work, including Graduate Record Examination scores (if available); three letters, including a nomination letter from the student's research advisor; and a letter from a university official with a commitment to cover tuition and all fees granted to other regular graduate students.

Applicants must be U.S. citizens or permanent resident visa holders at the time of application and must have at least one year of graduate school remaining at the time an award would begin September 1, 2001. Additional information (including a complete set of guidelines) can be obtained from Dr. Jane Aldrich, Ph.D, University of Maryland, School of Pharmacy, 20 N. Pine St., Rm. 503, Baltimore MD 21201, phone (410) 706 6863, fax (410) 706-0346, email jaldrich@umaryland.edu

All application materials for the awards are due on February 15, 2001 and must be received by Dr. Jane Aldrich (2001 Past Chair) at the above address.



Division Travel Awards
ACS National Meeting in Chicago, IL
Deadline: April 9, 2001

The Division of Medicinal Chemistry makes 14 grants available annually of \$600 each to aid young chemists in presenting papers at the ACS National Meetings.

Eligibility: The applicant must be an ACS member (student or affiliate) and not have previously been the recipient of this award. Each university department can have only one awardee.

Criteria for Selection: In order of priority, the following criteria will be used for selection of awards: Graduate Student, Postdoctoral Fellow, individual with less than five years post-Ph.D. experience. Scientific merit of the paper to be presented will also be considered.

Application Procedure: Send applications to **William J. Greenlee, ACS Division of Medicinal Chemistry,, Schering Plough Research Institute, 2015 Galloping Hill Road, Kenilworth NJ 07033. E-mail william.greenlee@spcorp.com**

Awardees will be notified of the granting of such an award in sufficient time so that the awardee can pre-register for the meeting. The awards will be made at the Division business meeting, which is held at each national meeting immediately before the Sunday night poster session and mixer. A complete application for the award appears below, which should be submitted with the abstract for the student's presentation:

ACS Division of Medicinal Chemistry Student Travel Grants



APPLICATION FORM TO BE SUBMITTED WITH ABSTRACT

➤ Name of Applicant for Travel Grant _____

➤ Degree: _____ Year Obtained _____

➤ Present Institution: _____

➤ Department: _____

➤ Work to be reported was (check one or more):

a. Ph.D. Thesis _____

b. M.S. Thesis _____

c. Postdoctoral Fellowship _____

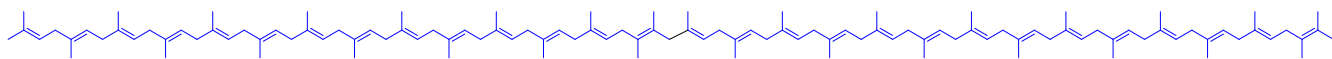
d. Supported by:

1. Grant _____

2. Department _____

3. Other _____

(indicate source of support for this work)



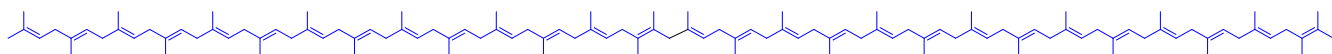
Nominations for the 2001 Smissman Bristol-Myers Squibb Award

Nominations are being solicited for the 2001 Smissman Bristol-Myers Squibb Award. This award is open to any scientist who, through his/her work or teaching, has had an impact on the way in which medicinal chemistry is practiced. The emphasis shall be placed on the long-term contributions, rather than a single important discovery.

Previous recipients of the award include Corwin Hansch (1975), Alfred Burger (1977), Everette May (1979), Adrien Albert (1981), Hamao Umezawa (1983), G. Ariëns (1985), Robert Abeles (1987), Lester Mitscher (1989), Philip Portoghese (1991), Leroy Townsend (1993), John Montgomery (1995), Joseph Cannon (1997), and Ralph Hirschmann (1999).

Nomination documentation, including a letter of nomination, a seconding letter, and a recent CV of the nominee, should be sent to Dr. Kenneth L. Kirk, Chair of the Awards Nominating Committee, by November 1, 2000. Nominators are encouraged to contact Dr. Kirk prior to submission at (301)-496-2619 (phone), (301)-402-4182 (fax), or kennethk@bdg8.niddk.nih.gov. Dr. Kirk's address is:

Dr. Kenneth L. Kirk
NIH
Building 8A, Room B1A-02
MSC 0810
Bethesda, MD 20892



Nominations Sought for 2001 ACS *Technical Achievements in Organic Chemistry Award Program*

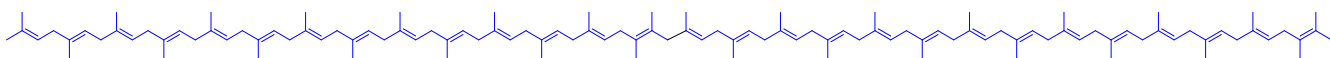
The Organic Division of the American Chemical Society is seeking to increase the involvement of Bachelor's- and Master's-level chemists in Divisional activities. Although these individuals regularly make important contributions in the workplace, all too often they receive little or no recognition for their efforts from the scientific community. As one of the means to address this situation, the Organic Division has instituted an annual symposium at the Fall ACS meeting to recognize the achievements of non-Ph.D. chemists. We are now seeking nominations for the coming year's program.

The tenth annual Symposium on *Technical Achievements in Organic Chemistry* will be held on August 29, during the 222th National Meeting of the ACS in Chicago, Illinois. The invited speakers will present their recent discoveries in basic or developmental research during 30 minute presentations. (As an awards symposium, under ACS bylaws there is no question and answer period.) Speakers are selected in a two-phase process. First, a letter of nomination is submitted to the Division on behalf of the nominee; then a subcommittee, composed of several members of the Organic Division Executive Committee, select the speakers based on several criteria: (a) evidence illustrating the creativity and independence of the nominee; (b) the nominee's publication and patent record; (c) any other information that documents the special achievements and/or contributions made by the nominee.

We encourage nominators to select candidates who are both excellent scientists and good communicators. To nominate a Bachelor's- or Master's-level chemist for this symposium, please send a letter describing the nominee's contributions and include a copy of the candidate's *curriculum vitae*. (Additional letters and supporting documents are most welcome, but not essential.) Nomination materials can be mailed to:

Dr. David J. Hart
Department of Chemistry
The Ohio State University
100 W. 18th Avenue
Columbus, Ohio 43210

Questions may be directed to Dr. David J. Hart via email at hart.10@osu.edu. Deadline for receipt of nominations is **March 1, 2001**. Information is also available in the Division of Organic Chemistry fall Newsletter located on the Web at: <http://www.chem.unt.edu/acs/fall00newsletter.html>.



Upcoming Meetings of Interest

- The CU-Array Biopharma Symposium in Synthetic Organic and Medicinal Chemistry, sponsored by Array Biopharma and the Department of Chemistry and Biochemistry at the University of Colorado will be held on the Boulder, Colorado campus June 6-8, 2001. The purpose of the Symposium is to bring together academic and industrial scientists to discuss current problems and developments in the chemical and pharmaceutical sciences. Further information and registration materials may be obtained from Rosemary Trujillo, Department of Chemistry and Biochemistry, Campus Box 215, University of Colorado, Boulder, CO 80309-0215; Tel: 303-492-5728; Fax: 303-492-0439; email: rosemary.trujillo@colorado.edu, WWW: <http://www.colorado.edu/chemistry/seminars/>.
- The Fourth Winter Conference on Medicinal and Bioorganic Chemistry will be held January 28 - February 2, 2001 in Steamboat Springs, CO. For more information, visit the conference website, located at <http://www.mbcfoundation.org>.

➤ The 13th Noordwijkerhout-Camerino Symposium, entitled **Trends in Drug Research**, will be held May 6-11, 2001 in Noordwijkerhout, The Netherlands. More information can be obtained from Prof. dr. H. Timmerman, LACDR/Dept. of Pharmacochimistry, Vrije Universiteit, De Boelelaan 1083, 1081 HV Amsterdam, The Netherlands. This symposium is jointly organized by the Royal Netherlands Chemical Society (KNCV) and the European Federation for Medicinal Chemistry.

➤ The following symposia will be offered by the Biological and Medicinal Chemistry Sector (BMCS) of the Royal Society for Chemistry:

22nd February, 2001 - Nervous System Disorders, held at SB/Harlow/UK. Contact Elaine Wellingham, Tel/Fax: 01275 853311, E-mail: ingham@ukgateway.net
Elaine.wellingham@ukgateway.net.

13th March, 2001- Cutting Edge Approaches to Drug Design, held at London,UK. Contact Elaine Wellingham, Tel/Fax: 01275 853311, E-mail: Elaine.wellingham@ukgateway.net.

April, 2001 - 12th Symposium on Medicinal Chemistry in Eastern England, held at Hatfield/UK. Contact Andrew Faller, Tel: 01219 627627, E-mail: Andrew_faller-1@sbphrd.com

16-18th May, 2001 - Flavours and Fragrances 2001: From the sensation to the synthesis, held at Scarman House, Univ Warwick UK. Contact Elaine Wellingham, Tel/Fax: 01275 853311, E-mail: Elaine.wellingham@ukgateway.net.

18-19th June, 2001- New Drug Targets in Inflammation & Immunomodulation, held at Novartis/Horsham/UK. Contact Elaine Wellingham, Tel/Fax: 01275 853311, E-mail: Elaine.wellingham@ukgateway.net.

17-18th July,2001 - Combinatorial Approaches to Chemistry and Biology, held at Cambridge/UK. Contact Elaine Wellingham, Tel/Fax: 01275 853311, E-mail: Elaine.wellingham@ukgateway.net.

9-12th September, 2001 - 11th RSC/SCI Medicinal Chemistry Symposium, held at Cambridge/UK. Contact Elaine Wellingham, Tel/Fax: 01275 853311, E-mail: Elaine.wellingham@ukgateway.net.

13th November, 2001 – Pharmacokinetics, held at GW (Stevenage)/UK. Contact Elaine Wellingham, Tel/Fax: 01275 853311, E-mail: Elaine.wellingham@ukgateway.net.

➤ The 2001 Gordon Conference on Medicinal Chemistry will be held August 5-10, 2001 at Henniker College in New London, NH. The scientific program for this meeting appears on the next page.

Session Topics and Session Chairs
2001 GRC on Medicinal Chemistry (August 5-10, 2001 – New London, NH)
Kelvin Cooper (Pfizer) Chair
John Macor (Bristol-Myers Squibb) Co-Chair

<u>Session Chair/E-Mail</u>	<u>Session Topic</u>
Joel Barrish joel.barrish@bms.com	Topics in Drug Safety
John Lowe john_a_lowe@groton.pfizer.com	Special Topics (Late Breaking New Drugs)
John Mallamo jmallamo@cephalon.com	Poster Session
Christine Tarby christine.m.tarby@dupontpharma.com	New Approaches to Treating Atherosclerosis
Celia Dominguez celiad@amgen.com	Drugs Modulating Kinases and Phosphatase
Karin Briner briner_karin@lilly.com	New Approaches to Treating Obesity
Mark Duggan mark_duggan@merck.com	New Approaches to Treating Diseases of Bone
Joanne Bronson joanne.bronson@bms.com	New Approaches to Treating Microbial Infections
Donna Huryn hurynd@war.wyeth.com	New Drugs for Neurodegeneration/Alzheimer's
Steve Adams spadams55@mediaone.net	New Approaches to Treating Pulmonary Diseases
OPEN john.macor@bms.com	Drugs Designed to Improve Quality of Life