



# NEWSLETTER

A PUBLICATION OF THE AMERICAN SOCIETY OF PHARMACOGNOSY - EDITED BY RALPH N. BLOMSTER  
SCHOOL OF PHARMACY, UNIVERSITY OF MARYLAND, BALTIMORE, MARYLAND

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Volume 14, 1977  
Numbers 1, 2 & 3

Annual Meeting - The annual meeting of the Society will be held this year as a joint meeting of the American Society of Pharmacognosy and the Phytochemical Society of North America. To be held at Oklahoma State University in Stillwater, Oklahoma from August 14th through August 17th, 1978, the scientific program will consist of a symposium and contributed papers. This year's symposium is entitled TOPICS IN BIOCHEMISTRY OF NATURAL PRODUCTS and will cover four diverse areas: Stereochemistry of Enzyme Action, Terpenoids, Alkaloids and Marine Natural Products. Speakers are:

Professor Janos Rety (Universitat Karlsruhe, Karlsruhe, Germany)  
Professor D. John Aberhart (The Catholic University, Washington, D.C.)

Professor Guy Ourisson (Universite Louis Pasteur, Strasbourg, France)  
Professor Charles West (University of California at Los Angeles)

Professor Carmine Coscia (St. Louis University)  
Professor Ronald Parry (Brandeis University)

Dr. William Fenical (Scripps Institute of Oceanography, La Jolla, California)  
Professor Yuzuru Smimizu (University of Rhode Island)

Upcoming Meetings - GIM-78: The American Society of Microbiology has organized the Third International Symposium on Genetics of Industrial Microorganisms (GIM-78) which will take place at the University of Wisconsin, at Madison, June 5-9, 1978. The symposium will be devoted to recent advances in genetics and molecular biology that are of interest to industrial microbiologists. Those interested in the symposium should correspond with R.W. Sarber, Executive Secretary, ASM, 1913 I Street, N.W., Washington, D.C. 20006

International Meeting on Medicinal Plant Research: May 16-20, 1978 are the dates set for the joint meeting of the Gesellschaft für Arzneipflanzenforschung and Medicinal Plant Section of FIP at Munster (Fed. Rep. of Germany). Main theme of this year's meeting will be Antibiotics and Biosynthesis of Secondary Plant Products. Prof. Dr. H. Fredrich, Westfälische Wilhelms - Universitait, Institute für Pharmazeutische Biologie and Phytochemie.

XII International Congress of Microbiology: The International Association of Microbiological Societies announces the twelfth International Congress to be held in Munich on September 3-8, 1978. Further information may be obtained by writing Kongressentrum, München - Messegelände, XII ICM, Postfach 12 10 09, D-800 München 12, Federal Republic of Germany.

Eleventh Miles International Symposium: To be held at Johns Hopkins Medical Institutions, Baltimore, Maryland June 7-9, 1978. The Symposium is titled "The Mechanism of Pain and Analgesic Compounds". Further information may be obtained from Edward G. Bassett, Ph.D., Symposium Coordinator, Miles Laboratories, Inc., Elkhart, Indiana 46514.

Necrology - It is with great sadness that we report the death of Dr. Ole Gisvold. He died at his home in St. Cloud, Minnesota on Sunday, June 19, 1977 at the age of 72. He was Emeritus professor of Pharmaceutical Chemistry and with the exception of 1 year was a member of the faculty at the University of Minnesota from 1935 until he retired in 1973. Dr. Gisvold was the first recipient of the Research Achievement Award in Natural Products from the APhA Foundation. He twice received the award for best scientific paper of the year from J. Pharm. Sci. In 1965 he received an outstanding achievement award from his Alma Mater, the University of Wisconsin.

1977 Election Results - The Tellers Committee of the American Society of Pharmacognosy certifies the following to be the official results:

Vice President - James E. Robbers  
Executive Committee - J. Michael Edwards  
Constitutional Amendment - Passed

Patron Membership Committee - Dr. Alvin Segelman, Chairman of the Patron Membership Committee reports the following companies that are supporting the Society.

<u>Company</u>	<u>Category</u>
Dr. Madis Laboratories, Inc.	Benefactor
Hoechst-Roussel Pharmaceuticals, Inc.	Sustaining
Eli Lilly and Company	Sustaining
Burroughs Wellcome Company	Patron
E.R. Squibb & Sons, Inc.	Patron
Marion Laboratories, Inc.	Patron
ICI United States, Inc.	Patron
Wyeth Laboratories	Patron
Abbott Laboratories	Patron
S.B. Penick & Company	Patron
Geigy Pharmaceuticals	Patron
Meer Corporation	Patron
Schering Corporation	Patron
Hoffman - LaRoche	Patron
Mead-Johnson Laboratories	Patron

Other Societies: The editor has received notices from two organizations which would be of interest to the membership.

The Society of Economic Botany: A scientific organization whose members range from botanists and chemists to pharmacognosists and dietic consultants. Interested persons may contact Susan Verhoek, Ph.D., Membership Committee, Society for Economic Botany, Department of Biology, Lebanon Valley College, Annville, Pennsylvania 17003.

The Ethano-Pharmacology Society: Established to enhance communication among people interested in cultural and historical aspects of drug use. Dues are \$5.00 and membership may be obtained from The Ethano-Pharmacology Society, 4181 Brisbane Way, Irvine, California 92715.

Plants Available - The Department of Pharmacognosy and Pharmacology of the University of Illinois has available plants which have been shown to be inactive in the cancer evaluation. If you are interested in any of the plants [listed below] please contact Dr. Geoffrey A. Cordell, Department of Pharmacognosy and Pharmacology, University of Illinois at the Medical Center, P.O. Box 6998, Chicago, Illinois 60680. To obtain the plants you must take the total amount that they have on hand and pay the collect freight charge.

<u>Family</u>	<u>Plant</u>	<u>Weight (lb)</u>
Annonaceae	<i>Cleistopholis patens</i>	75
	<i>Guatteria melosma</i>	61
	<i>Guatteria modesta</i>	28
Apocynaceae	<i>Couma macrocarpa</i>	61
	<i>Holarrhena floribunda</i>	64
Arecaceae	<i>Lepidocaryum tessmannii</i>	82
Asteraceae	<i>Eupatorium candolleianum</i>	94
Burseraceae	<i>Hemicrepidospermum rhoifolium</i>	30
	<i>Protium puncticulatum</i>	57
	<i>Protium paniculatum</i>	67
	<i>Tetragastris unifoliolata</i>	61
Fabaceae	<i>Coumarouna micrantha</i>	128
	<i>Griffonia simplicifolia</i>	89
Flacourtiaceae	<i>Hasseltia laxiflora</i>	48
Icacinaceae	<i>Apodoytes dimidiata</i>	337
Lauraceae	<i>Licaria armeniaca</i>	114
	<i>Persea sp.</i>	108
Loranthaceae	<i>Phoradendron bolleanum</i>	98
Lythraceae	<i>Ammania baccifera</i>	35
Monimiaceae	<i>Hedycarya arborea</i>	61
	<i>Siparuna guianensis</i>	56
	<i>Siparuna magnifica</i>	57
Myristicaceae	<i>Pycnanthus angolensis</i>	80
Polypodiaceae	<i>Jamesonia imbricata</i>	32
Rosaceae		179
Rubiaceae	<i>Bothriospora corymbosa</i>	70
	<i>Genipa spruceana</i>	79
	<i>Isertia rosea</i>	228
Sapindaceae	<i>Cupania seemanii</i>	135
Simaroubaceae	<i>Balanites aegyptiaca</i>	39
Theaceae	<i>Cleyera japonica</i>	45
Winteraceae	<i>Drimys granatensis</i>	46
Zingiberaceae	<i>Costus spiralis</i>	48

Personal - Dr. Heinz Floss, Purdue University has been appointed the first Lilly professor of Medicinal Chemistry at Purdue University. The distinguished professorship was named in honor of the Lilly family of Indianapolis and was awarded to Floss on the basis of his meritorious research achievements in the biosynthesis of natural products. He has also been appointed to the Advisory Board of Journal of Medicinal Plant Research - Planta Medica. Dr. Gordon H. Bakelman has joined Phillip Morris in Richmond, Virginia, in the Tobacco Materials Division. Dr. David G.I. Kingston has been promoted to full professor of Chemistry at Virginia Polytechnic Institute and State University. Dr. William I. Kelleher, University of Connecticut, has been on sabbatic leave to the University of Freiburg where he conducted biosynthetic studies in the laboratory of

Professor Hans Grisebach. Dr. C.R. Hutchinson, University of Wisconsin, has been appointed to Associate Professor. Dr. David Perlman, University of Wisconsin, is editor of Structure/Activity Relationships Among the Semi-Synthetic Antibiotics and Annual Reports on Fermentation Processes, both published by Academic Press.

Grants - Heinz Floss and Ching-ger Chang, Purdue University, have received \$59,000 from NIH to support the fourth year of their studies on "Biologically Active Microbial Metabolites." Heinz Floss has received \$31,200 from NIH to support the sixth year of "Stereochemistry of Enzymatic Reactions" and a \$20,000 unrestricted grant from Eli Lilly and Company. John Cassidy, received from NIH \$38,850 for the fifth year support on "Chemical-Antitumor Activity of Lactones and Epoxides" and \$9,000 from Bristol Laboratories for the "Synthesis of Anthracycline Analogs as Potential Tumor Inhibitors". Dr. Michael Corbett, University of Miami, has been awarded a three year, \$158,000 grant for "Hydroxamic Acid Production by Marine Organisms" from the National Cancer Institute. Dr. William J. Keller, Northeast Louisiana University, has been awarded a \$17,600 grant from NIDA to support the continued phytochemical and pharmacologic investigation of mesquite beans, Sophora secundiflora. Dr. Surendar Lamba, Florida A & M University has received a \$16,100 NSF grant to support his sabbatical leave to the Universidad de Panama. Dr. Steven Gould, University of Connecticut, has been awarded \$60,000 from NSF for "Stereochemistry of Spermidine Biosynthesis". Dr. David Perlman, University of Wisconsin, has received \$52,300 from NCI to support his program on microbial metabolites inhibiting vitamin B12 binding by tumors and \$12,000 from Hoffmann-LaRoche to support a program on microbial transformations of organic compounds.

Publications of Interest - The membership is directed to the excellent article by Siri von Reis Altschul, in the May, 1977 issue of Scientific American, entitled "Exploring the Herbarium" in which she explains how ethnobotanical field notes relating to folkloric uses of plants are a promising source of leads in the search for new foods and drugs. Other articles of interest are "Ethnopharmacology of Sacred Psychoactive Plants Used by the Indians of Mexico", by Jose Diaz and "Antineoplastic Agents from Plants" by Monroe Wall and M.C. Wane. Both appear in the Annual Reviews of Pharmacology and Toxicology, 17, 1977. Medical Botany: Plants Affecting Man's Health - by W.H. Lewis and M.P.F. Elvin-Lewis, (Wiley Interscience, \$27.50); Nature's Healing Arts: From Folk Medicine to Modern Drugs by Lonelle Aikman (National Geographic Society).

Pot Pourri - Three ASP members were symposium speakers for a continuing education program "Mushrooms and Man" presented by Linn-Benton Community College in conjunction with Oregon State University. Sharing the rostrum with James Beard, internationally known culinary expert and author were: Varro E. Tyler, bon vivant and raconteur; Lynn Brady, gourmand and oenologist extraordinaire and Philip Catalfomo, epicure and member of the haut monde.