

THE

Tar Helium



A Publication of the North Carolina Section of the American Chemical Society

Vol. 17, No. 4

December 1986

The Distinguished North Carolina Chemist Lecture Series

Dr. George H. Hitchings
Scientist Emeritus
Burroughs Wellcome Co.

A Biochemically-based Program in Chemotherapy

Wednesday, December 10, 1986
Meredith College
3800 Hillsborough Street
Raleigh, N.C.

Dinner

6:00 P.M.

President's Dining Room
Meredith College

\$7.50

half price for students

Lecture

7:30 P.M.

Cate Center
Meredith College

Reception

Immediately after lecture

Dinner entrees will be chicken and roast beef. Please make a reservation by phoning one of the following people before Monday, December 8 at 3:00 P.M.: Raleigh — Joyce Dunn (737-2545), Chapel Hill — Debbie Edwards (962-2172), or Durham — Sue Dickerson (684-2414). Please call Eric Bigham (248-4338) to cancel reservations.

George H. Hitchings is Scientist Emeritus of Burroughs Wellcome Co. and President of The Burroughs Wellcome Fund. He divides his time roughly three parts science and one part philanthropy (split seven ways). He is a graduate of the University of Washington (BS, MS), where he became Alumnus Summa Laude Dignatus in 1986, and Harvard University (Ph.D.). He is a member of the National Academy of Sciences, the Royal Society, an Honorary Fellow of the Royal Society of Medicine and the Royal Society of Chemistry. He has published over 300 scientific papers and patents. He is the editor of *"Inhibition of Folate Metabolism in Chemotherapy."* He has lectured in India, Pakistan, Iran, Czechoslovakia, South Africa, Israel, France, Belgium, Germany and the United Kingdom. He makes his home in Durham.

A Biochemically-based Program in Chemotherapy

Probes of nucleic acid biosynthesis using analogs of purine and pyrimidine bases and nucleosides have yielded both basic information and important chemotherapeutic agents. Treatments for leukemia, malaria, organ transplantation, gout, hyperuricemia, bacterial infections, and viral infections have benefited, and prospects are bright that several protozoal diseases and other malignant diseases will also yield to continuations of this line of work.

**THE
PITTSBURGH
CONFERENCE...**

CHICAGO 91

NEW YORK 90

ATLANTA 89

NEW ORLEANS 88

ATLANTIC CITY 87

**IS
ON THE
MOVE!**

March 9-13, 1987

Atlantic City, NJ

The Pittsburgh Conference, 12 Federal Drive, Suite 322, Pittsburgh, PA 15235 (412) 795-7110

ELECTION RESULTS

Election results for local section officers have not been tabulated. New officers for 1987 will be announced at the December section meeting at Meredith. Offices up for election were *chairman-elect*, *treasurer*, *councilor*, and *alternate councilor*.

JANUARY PROGRAM

Speaker: Dr. Alan Gent
Joint meeting with Polymer Group

Location: NCSU Faculty Club

Date: Jan. 8, 1987

ORGANIC & INORGANIC ANALYSIS

- Chromatography
 - Microscopy
 - Spectroscopy
 - Thermal Analysis
 - Wet Chemical Analysis

For more information, please call or write:

ANALYTICAL SERVICES
Rexham
Industrial

P.O. Box 1377
Matthews, NC 28106-1377
(704) 847-9171

The TarHelium is a publication of the North Carolina Section of the American Chemical Society. The views expressed herein are not necessarily those of the section.

PRE-SORTED
FIRST CLASS MAIL
U.S. POSTAGE PAID
RALEIGH, NC

Hannah Green, *Editor*
Allen Jones, *Co-Editor*
Jeff Wilson, *Advertising Manager*

PERMIT NO. 491

Please direct correspondence to the attention of the editor:

Hannah Green
Burroughs Wellcome Co.
3030 Cornwallis Road
Research Triangle Park, NC 27709

If you wish to change your *TarHelium* mailing address, please submit your old address, your new address and a recent C&EN or *TarHelium* address label to:

Manager, Membership and Subscription Services
American Chemical Society
P.O. Box 3337
Columbus, Ohio 43210

Changes in membership status also should be submitted to the above address.

Executive Committee:

Eric Bigham, BW, Chairman
William Switzer, NCSU, Chairman-Elect
Carolyn Foust, RTI, Secretary
William Hatfield, UNC, Treasurer
Hannah Green, BW, *TarHelium* Editor
Ivy Carroll, RTI, Councilor
Maurice Burse, UNC, Councilor
Marcus Hobbs, Duke, Councilor
William Gutknecht, RTI, Alternate Councilor
Halbert Carmichael, NCSU, Alternate Councilor
Henry Bent, NCSU, Alternate Councilor
Louis Quin, Duke, Past Chairman
Bernard Spielvogel, ARO, Past Chairman
Robert Izydore, NCCU, Past Chairman

FIRST CLASS MAIL

0137835L 11/86 Z0 426 1
DR ROBERT GEORGE GHIRARDELLI
US ARMY RES OFFICE
POB 12211
RES TRIANGLE PARK NC 27709