THE

TarHelium 💮

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. HitchingsScientist 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

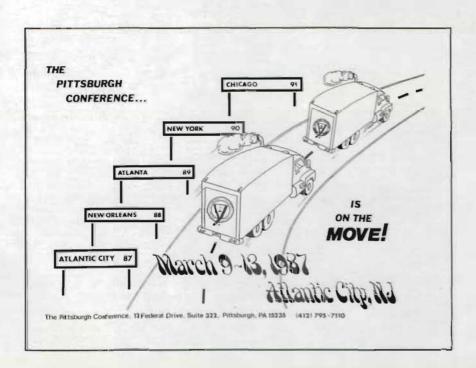
Reception
Immediately after lecture

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.



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

Date: Jan. 8, 1987

Joint meeting with Polymer Group

Location: NCSU Faculty Club

ORGANIC & INORGANIC ANALYSIS

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

For more information, please call or write:

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.

Hannah Green, Editor
Allen Jones, Co-Editor
Jeff Wilson, Advertising Manager
Please direct correspondence to the attention of the editor:

Hannah Green Burroughs Wellcome Co. 3030 Cornwallis Road Research Triangle Park, NC 27709 PRE-SORTED FIRST CLASS MAIL U.S. POSTAGE PAID RALEIGH, NC

PERMIT NO. 491

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 PO. 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 Bursey, UNC, Councilor
Marcus Hobbs, Duke, 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

O137835L 11/86 ZO 426 DR ROBERT GEORGE GHIRARDELLI US ARMY RES OFFICE POB 12211 RES TRIANGLE PARK NC 27709