

SECOND AOCS CONFERENCE
ON THE ANALYSIS OF LIPIDS AND LIPOPROTEINS

Sheraton-Park Hotel, Washington, D.C.
June 12-15, 1974

*General chairman, E.G. Perkins, Burnsides Research Laboratory,
University of Illinois, Urbana*

PROGRAM

Session I: G. Rouser, chairman

1. Isolation of Lipids from Tissues, G. Nelson, N.Y. State Institute for Basic Research in Mental Retardation, New York, N.Y.
2. Thin Layer Chromatography of Neutral Lipids, M. Blank, Medical Division, Oak Ridge Associated Universities, Oak Ridge, Tenn.
3. Thin Layer Chromatography of Phospholipids, G. Rouser, City of Hope Medical Center, Duarte, Calif.
4. Thin Layer Chromatography of Complex Lipids, Gangliosides, Galactosides, Sphingolipids, etc., L.A. Witting, Department of Food Science and Nutrition, Texas Women's University, Denton.

Session II: N. Pelick, chairman

5. Qualitative and Quantitative Aspects of Gas Liquid Chromatography, R. Ackman, Fisheries Research Board of Canada, Halifax, N.S.
6. Stationary Phase Selection in Gas Liquid Chromatography, W. Supina, Supelco Inc., Bellefonte, Pa.
7. Gas Liquid Chromatography of Lipid Derivatives, N. Pelick, Supelco Inc., Bellefonte, Pa.
8. Gas Liquid Chromatography of Neutral Lipids, C. Litchfield, Nelson Biological Laboratory, Rutgers University, New Brunswick, N.J.
9. The Use of Radioassay Techniques in Thin Layer and Gas Liquid Chromatography, F. Snyder, Medical Division, Oak Ridge Associated Universities, Oak Ridge, Tenn.
10. Basic Liquid Chromatography, S. Reifschneider, Varian-MAT, Springfield, N.J.
11. Liquid Chromatography of Lipids, O. Privett, The Hormel Institute, University of Minnesota, Austin.
12. New Techniques in Lipid Analysis, G. Rouser, City of Hope Medical Center, Duarte, Calif.
13. Chemical Determination of Lipid Structure, B.L. Walker, Department of Nutrition, University of Guelph, Guelph, Ontario, Canada.

Session III: P. Pfeffer, chairman

14. Basic Proton NMR Spectrometry, P. Pfeffer, U.S. Department of Agriculture, Philadelphia, Pa.
15. Proton NMR Spectrometry of Lipids: Chemical Shift Reagents, P. Pfeffer, USDA, Philadelphia, Pa.

16. ^{13}C -NMR Spectrometry of Lipids, J. Cavanagh, U.S. Department of Agriculture, Philadelphia, Pa.
17. Mass Spectrometry, Principles and Instrumentation, E. Weber, Varian-MAT, Springfield, N.J.
18. Mass Spectrometry of Lipids, T. Foglia, U.S. Department of Agriculture, Philadelphia, Pa.
19. The Application of Gas Chromatography-Mass Spectrometry to Lipids, E.G. Perkins, Department of Food Science, Burnsides Research Laboratory, University of Illinois, Urbana.
20. The Digital Computer in the Lipid Laboratory, H.J. Dutton, U.S. Department of Agriculture, Peoria, Ill.

Session IV: F. Lindgren, chairman

21. Fundamental Aspects of Ultracentrifugation, F. Lindgren, Donner Laboratory, University of California, Berkeley.
22. The Application of Ultracentrifugation, F. Lindgren, Donner Laboratory, University of California, Berkeley.
23. Basic Electrophoretic Methodology, K.A. Narayan, U.S. Army Natick Laboratory, Natick, Mass.
24. The Application of Electrophoresis to Lipoprotein Separation, K.A. Narayan, U.S. Army Natick Laboratory, Natick, Mass.
25. Basic Aspects of Spectrophotofluorescence Spectroscopy, T. Nishida, Burnsides Research Laboratory, University of Illinois, Urbana.
26. The Application of Fluorescence Methods to the Study of Lipoproteins, T. Nishida, Burnsides Research Laboratory, University of Illinois, Urbana.
27. Newer Techniques for the Study of Lipoproteins, L. Vitello, Department of Medicine, University of Chicago, Chicago, Ill.
28. The Analysis of New Lipids: Prostaglandins, J. Paulsrud, Hoffmann-La Roche Inc., Nutley, N.J.
29. Techniques of Lipid Isolation and Separation (2-hr. movie), O. Privett, Hormel Institute, Austin, Minn.
30. The Isolation and Separation of Blood Lipids (2-hr. slide presentation), G. Rouser, City of Hope Medical Center, Duarte, Calif.

GENERAL INFORMATION

Program and Scheduling: The second AOCs Summer Conference on the Analysis of Lipids and Lipoproteins will repeat, with updating, some of the materials covered at the Champaign conference in 1973. However, the program has been expanded to 30 presentations, and several different speakers have been added. Scheduling of the papers has not been finalized, but presentations are scheduled to begin at 8 a.m., Thursday, June 13, and end at 5 p.m., Saturday, June 15.

Registration: Registration in Washington, D.C. will open at 1 p.m., Wednesday, June 12. You are encouraged to preregister by mail, both to aid the Society in its planning and to take advantage of the substantial discounts offered for prepayment of fees.

Fees:	AOCS Members	\$125.00	(\$100.00 if prepaid)
	Nonmembers	155.00	(130.00 if prepaid)
	Students	70.00	(50.00 if prepaid)

Housing: Rooms have been reserved at the Sheraton-Park Hotel in Washington, D.C. Rates are \$24.00 single and \$31.50 twin or double. Reservations are to be made through AOCs on the form below. Confirmations will come directly from the hotel.

Parking: Parking, with in and out privileges, is available to guests registered at the Sheraton-Park for \$2.50/day. Others may park at the hotel, without in-out privileges for \$2.00.

Materials: Each speaker will provide registrants with an outline of his presentation and a related bibliography. Also, a partial program, with abstracts, will be distributed at the meeting.

Deadlines: Registrations must be received by May 10, 1974, to ensure housing and to aid AOCs in final planning for the conference.

Additional Registration Forms: Write Executive Director, American Oil Chemists' Society, 508 South Sixth Street, Champaign, Illinois 61820 or call (217) 359-2344.

REGISTRATION FORM

Second AOCs Conference on the Analysis of Lipids and Lipoproteins

Return completed form to: AOCs Lipid Conference, 508 S. Sixth Street, Champaign, Illinois 61820

Name _____ Title _____

Address _____

City _____ State _____ Zip _____

AOCS Member \$125.00 or \$100.00 (payment enclosed)

Nonmember 155.00 or 130.00 (payment enclosed)

Students 65.00 or 50.00 (payment enclosed)

(Note: The lower rates apply only when prepayment is included with this registration)

Accommodations needed:

- Single _____ @ \$24.00/night
 Double _____ @ \$31.50/night
 Twin _____ @ \$31.50/night
 I will make my own housing arrangements

Arrival: Date _____ Time _____ Departure: Date _____ Time _____

(Note: Hotel reservations will be held only until 6 p.m. unless the hotel is notified in advance of later arrival)