Resigned 6/30/75

3/1/67

Form 4459—Rev. 1/60

THE OHIO STATE UNIVERSITY
NEWS AND INFORMATION SERVICE
108 ADMINISTRATION BUILDING

ase type or use pencil
acilitate duplication.

MITSCHER, LESTER A.

MITSCHER LESTER A.
your name in full) Last Name 1st Name 2nd Name

1765 Riverbirch Dr.
(Street and number)

olumbus Telephone 885-7318

on or Rank (with date) Assoc. Professor (7-67)

Pharmacy

ions or Ranks at Ohio State (with dates)

20 August, 1931

Detroit Wayne Michigan
City County State

e in Full Lester Mitscher

len Name, in Full Marion Pounder

liations Presbyterian

ried? Yes ; Date 5-1953

Name in Full Betty Jane McRoberts

me in Full

Children (please name); Give Dates of Birth

Katrina Louise 1958
Kurt Allen 1960
Mark Andrew 1963

High School or Preparatory School Hazel Park High School (Michigan)

List earned degrees, and honorary degrees, stating institutions and date:

College or University	Degree	Date
Wayne University	BS	1953
Wayne State University	Ph D	1958

Scholarships or Fellowships Held, with dates

Teaching Fellow 1954-1956
USPHS Predoctorate fellow 1957-1958

Major Undergraduate Honors, Offices or Activities Merck Award.
Rho Chi Society, Phi Lambda Upsilon, Sigma Xi

Membership in Social Fraternity or Sorority Phi Delta Chi

(OVER)

7-19-74

Faculty Information Service

OF THE OHIO STATE UNIVERSITY NEWS SERVICES

BIOGRAPHY OF LESTER A. MITSCHER

Dr. Lester A. Mitscher is a professor in the Ohio State University College of Pharmacy. He came to the university as an associate professor in 1967 and was appointed to his present post in 1970.

A native of Detroit, Mich., Dr. Mitscher received the bachelor of science degree from Wayne State University in 1953 and the Ph.D. from Wayne State in 1958. As a student, he received the Merck Award and was a member of Rho Chi, Phi Lambda Upsilon, Sigma Xi, and Phi Delta Chi fraternities.

Since receiving the Ph.D., Dr. Mitscher was associated with the Lederle Laboratories Division of the American Cyanamid Corp. He specializes in natural products research, especially anti-bacterial, antitumor, and antifungal agents.

The author of more than 80 published scientific articles, Dr. Mitscher holds four U.S. patents. He is on the editorial boards of the following journals - Antimicrobial Agents and Chemotherapy, The Journal of Antibiotics, Infection and Immunity, and Heterocycles.

He is a member of the American Chemical Society, the American Society for Pharmacognosy, and the American Society for the Advancement of Science. He was vice chairman of The Medicinal Chemistry Division of the American Chemical Society in 1973 and chairman in 1974.

(MORE)

Dr. and Mrs. Mitscher are the parents of two sons and a daughter. The family lives at 1765 Riverbirch Dr., Columbus.

#

PUBLICATIONS OF LESTER A. MITSCHER

1. C. Djerassi, M. Cais, and L. A. Mitscher, "Terpenoids. XXXIII. The Structure and Probable Absolute Configuration of Cafestol." J. Am. Chem. Soc. 80, 247-248 (1958).

2. C. Djerassi, L. A. Mitscher and B. J. Mitscher, "Optical Rotatory Dispersion Studies. XXII. Detection and Stereochemical Implications of Hemiketal Formation." Ibid. 81, 947-955 (1959).

3. C. Djerassi, M. Cais and L. A. Mitscher, "Terpenoids. XXXVII. The Structure of the Pentacyclic Diterpene Cafestol. On the Absolute Configuration of Diterpenes and Alkaloids of the Phyllocladene Group." Ibid. 81, 2386-2398 (1959).

4. J. D. Albright, L. A. Mitscher and L. Goldman, "Indole Alkaloids. I. Base-catalyzed Condensations with Yohimbanones and Alloyohimbanones." J. Org. Chem. 28, 38-45 (1963).

5. L. A. Mitscher, J. K. Paul and L. Goldman, "Methyl 11-Methoxy-18-oxo-3-epialloyohimban-16-alpha-carboxylate, a New Keto Ester Derived from Reserpine." Experientia 19, 195-197 (1963).

6. E. L. Patterson, W. W. Andres, E. F. Krause, R. E. Hartman and L. A. Mitscher, "The Microbiological Transformation of Some Yohimbine-type Alkaloids." Arch. Biochem. Biophys. 103, 117-123 (1963).

7. D. V. Lefemine, F. Barbatschi, M. Dann, S. O. Thomas, M. P. Kunstmann, L. A. Mitscher and N. Bohonos, "Neutramycin, A New Neutral Macrolide Antibiotic." Antimicrobial Agents and Chemotherapy 41-44 (1964).

8. P. A. Miller, A. Saturnelli, J. H. Martin, L. A. Mitscher and N. Bohonos, "A New Family of Tetracycline Precursors: N-Demethylanhydrotetracyclines." Biochem. and Biophys. Research Commun. 16, 285-291 (1964).

9. L. A. Mitscher, W. W. Andres and W. McCrae, "Reticulol, A New Metabolic Isocoumarin." Experientia 20, 258-260 (1964).

10. L. A. Mitscher, W. McCrae, W. W. Andres, J. A. Lowery and N. Bohonos, "Ruticulomycins, New Anthracycline Antibiotics." J. Pharmaceutical Sciences 53, 1139-1140 (1964).

11. L. A. Mitscher, W. McCrae and S. E. DeVoe, "The Structural Characterization of Enteromycin Carboxamide." Tetrahedron 21, 267-271 (1965).

12. F. Barbatschi, M. Dann, J. H. Martin, P. Miller, L. A. Mitscher, and N. Bohonos, "4-Dedimethylamino-4-epiamino-5a,6-anhydrotetracycline." Experientia 21, 162-165 (1965).

13. M. P. Kunstmann, L. A. Mitscher and E. L. Patterson, "Aldgamycin E, A New Neutral Macrolide Antibiotic." Antimicrobial Agents and Chemotherapy 87-90 (1965).

14. S. E. DeVoe, W. McCrae and L. A. Mitscher, "Isolation and Characterization of a New Antibiotic, Enteromycin Carboxamide." Ibid. 105-109 (1965).

15. M. P. Kunstmann and L. A. Mitscher, "Some Additional Observations on the Chemical Nature of Neutramycin." Experientia 21, 372 (1965).

16. L. A. Mitscher, W. McCrae, S. E. DeVoe, A. J. Shay, W. K. Hausmann and N. Bohonos, "Senfolomycin A and B, New Antibiotics." Antimicrobial Agents and Chemotherapy 1965, 828-831.

17. M. Dann, D. V. Lefemmine, F. Barbatschi, P. Shu, M. P. Kunstmann, L. A. Mitscher and N. Bohonos, "Tetrangomycin, A New Quinone Antibiotic." Ibid. 1965, 832-835.

18. M. P. Kunstmann, L. A. Mitscher and N. Bohonos, "Aldgarose, A Cyclic Carbonate Sugar of Natural Origin." Tetrahedron Letters No. 8, 839-846 (1966).

19. M. P. Kunstmann and L. A. Mitscher, "The Structural Characterization of Tetrangomycin and Tetrangulol." J. Org. Chem. 31 2920-2925 (1966).

20. L. A. Mitscher, J. H. Martin, P. A Miller, P. Shu and N. Bohonos, "5-Hydroxy-7-Chlortetracycline." J. Am. Chem. Soc. 88, 3647-3648 (1966).

21. E. L. Patterson, W. W. Andres and L. A. Mitscher, "Isolation of the Bromo Analogue of Caldariomycin from Calderiomyces fumago." Applied Microbiology 15, 528-530 (1967).

22. G. A. Ellested, M. P. Kunstmann, J. E. Lancaster, L. A. Mitscher and G. Morton, "Structures of Methyl Aldgarosides A and B Obtained from the Neutral Macrolide Antibiotic Aldgamycin E." Tetrahedron, , (1967).

23. L. A. Mitscher, A. J. Shay and N. Bohonos, "LL-A491, A Monazomycin-like Antibiotic." Applied Microbiology, , (1967).

24. W. W. Andres, M. P. Kunstmann and L. A. Mitscher, "Isolation and Structure of 2,4-Dihydroxy-3,5,6-trimethylbenzoic Acid from Mortierella ramanniana." Experientia, , (1967).

ISSUED U. S. PATENTS

U.S. 3,226,391 Dec. 28, 1965

Ring E Substituted Yohimbanes
J. D. Albright, L. A. Mitscher and L. Goldman

U.S. 3,265,732 Mar. 18, 1966

Novel 5a,6-Anhydrotetracyclines
J. H. Martin, L. A. Mitscher and P. A. Miller