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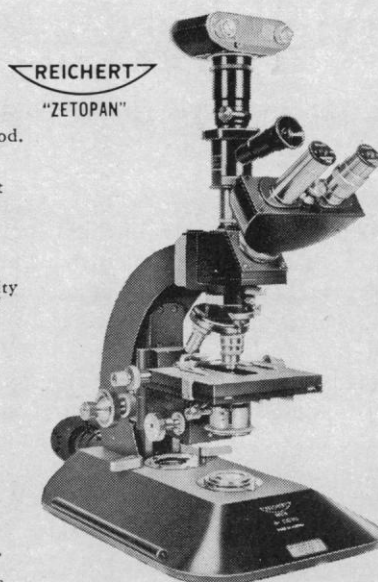
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light chains are synthesized in a continuous fashion from the amino- to the carboxyl-end without intermediates. This apparently precludes a separate synthesis of the variable and constant portions of the chains (with a later union) under the direction of many genes for the variable part and only one for the constant part. Two important concepts on the control of biosynthesis of antibodies were brought out by G. J. V. Nossal (Royal Melbourne Hospital, Australia) and others; first the concept of the committed cell which makes only one kind of light chain and one kind of heavy chain, and second, that the cell recognizes its own product, in a sense as if it were an antibody. M. Cohn (Salk Institute) in an elegant summary presented a genetic theory for the diversity of immunoglobulins which was contested by the proponents of the Smithies theory of antibody diversity and of other hypotheses of genetic recombination or multiplicity. M. Sela's dramatic arrival from Israel just after the "cease fire" catalyzed the sense of internationality of this gathering of scientists from many lands and diverse backgrounds. The proceedings of this excellent meeting will be published, before the year is out, as the Nobel Symposium III.

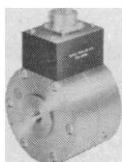
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MOLECULAR MECHANISMS OF TEMPERATURE ADAPTATION

Edited by C. LADD PROSSER
Published July 1967

A symposium presented at the Berkeley Meeting of AAAS, December 1965. AAAS Publication No. 84, 398 pages, 41 tables, 127 illustrations, bibliography, index. Regular Price \$12.50. AAAS Members' Cash Orders \$10.50.

Molecular Mechanisms of Temperature Adaptation is a collection of papers on the general physiology of temperature adaptation in cold-blooded animals, plants, and microorganisms. Twenty-four contributors from the Soviet Union, Germany, Canada, Denmark, and the United States report recent research findings on the diverse molecular mechanisms of response, acclimation, and adaptation to heat and cold in bacteria, plant cells and tissues, insects, fishes, amphibians, and reptiles.

AAAS

1515 Massachusetts Ave., NW
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Calendar of Events—November

National Meetings

20-21. **Manpower for Oceanography**, education symp., Houston, Tex. (American Soc. for Oceanography, 854 Main Building, Houston 77002)

20-22. American Physics Soc., annual New Orleans, La. (J. O. Kalliokoski, Dept. of Geology, Princeton Univ., Princeton, N.J. 08540)

20-22. American Physics Soc., annual **Fluid Dynamics** mtg., Bethlehem, Pa. (P. S. Klebanoff, Natl. Bureau of Standards, Connecticut Ave. at Van Ness St., NW, Washington, D.C. 20234)

20-22. **Geological** Soc. of America, annual mtg., New Orleans, La. (G. E. Murray, Texas Technical College, Box 4680, Technical Station, Lubbock, Tex., or Miss D. Curtis, Shell Oil Co., Box 60193, New Orleans 70160)

20-22. **Geochemical** Soc., annual mtg., New Orleans, La. (E. C. T. Chao, % U.S. Geological Survey, Washington, D.C.)

20-22. **Mineralogical** Soc. of America, New Orleans, La. (G. Switzer, % U.S. National Museum, Washington, D.C.)

20-22. **Paleontological** Soc. of America,

New Orleans, La. (R. L. Langenheim, Dept. of Geology, Univ. of Illinois, Urbana)

26-29. American Medical Assoc., clinical conv., Houston, Tex. (W. E. Burmeister, Director, Convention Services Dept., AMA, 535 N. Dearborn St., Chicago, Ill.)

26-30. American Inst. of Chemical Engineers, 60th annual mtg., New York, N.Y. (H. I. Wolff, Shell Chemical Co., 50 W. 50 St., New York 10020)

26-1. Radiological Soc. of North America, 53rd annual mtg., Chicago, Ill. (M. D. Frazer, RSNA, 713 East Genesee St., Syracuse, N.Y.)

27-29. American Astronautical Soc., natl. mtg., New York, N.Y. (N. Levin, Guidance and Control, Plant 35, Grumman Engineering Corp., Bethpage, N.Y. 11714)

27-30. Entomological Soc. of America, annual mtg., New York, N.Y. (R. H. Nelson, ESA, 4603 Calvert Rd., College Park, Md.)

27-1. Chemical Industries, New York, N.Y. (International Exposition Co., 200 Park Ave., New York 10017)

28. American Soc. of Therapeutic Radiologists, Chicago, Ill. (J. A. Del Regato, Penrose Cancer Hospital, Colorado Springs, Colo. 80907)

29-30. Society for Industrial and Applied Mathematics, fall mtg., Santa Barbara, Calif. (H. B. Hair, 33 S. 17 St., Philadelphia, Pa. 19103)

29-1. Wire and Cable Symp., Atlantic City, N.J. (J. Spergel, USAEC, Fort Monmouth, N.J. 07703, attn: AMSEL-KL-EE)

30-3. American Anthropological Assoc., annual mtg., Washington, D.C. (C. Frantz, 1530 P St., NW, Washington, D.C. 20005)

International and Foreign Meetings

20-28. Hurricanes and Tropical Meteorology, 5th technical conf., Caracas, Venezuela. (K. V. Spengler, American Meteorological Soc., 45 Beacon St., Boston, Mass.)

21-25. Radioisotope Tracers in Industry and in Geophysics, symp., Prague, Czechoslovakia. (Intern. Atomic Energy Agency, 11 Kartner Ring, Vienna 1, Austria)

23-27. Geological Soc. of America, field trip, Yucatán, Mexico. (B. B. Hanshaw, U.S. Geological Survey, Washington, D.C.)

26-30. Pan American Medical Assoc., 42nd annual congr., Buenos Aires, Argentina. (J. J. Eller, Director General, 745 Fifth Ave., New York 10022)

26-1. World Federation for Mental Health, 20th annual mtg., Lima, Peru. (Administrative Hq., 1, rue Gevray, Geneva, Switzerland)

27-2. Science and Technology in Developing Countries, Beirut, Lebanon. (C. Nader, American Univ. of Beirut, Beirut)

28-30. Decomposition of Organometallic Compounds to Refractory Ceramics, Metals and Metal Alloys, intern. symp., Dayton, Ohio. (E. W. Stefanko, Univ. of Dayton, Dayton 45409)

28-30. Trombosis, intern. mtg., Washington, D.C. (S. Sherry, Washington Univ. School of Medicine, St. Louis, Mo.)

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