

dex G-200 gel filtration, and specific immune absorption with unispecific antiserums. Skin-sensitizing antibody was present in protein sedimenting slightly faster (7.7S) than human γ -globulin (6.8S).

Ovary reported development of both iso- and autoagglutinins in a rabbit immunized with erythrocytes from a second rabbit. Antibodies responsible for the isoagglutinating activity were found to be of the 7S and 19S type and were reactive at 4° and 37°C. Antibodies responsible for the autoagglutinating activity were solely 19S antibody and were reactive only at 4°C. Benacerraf reported the separation of biologic activities in the fast and slow components of 7S antibodies of identical specificity in individual guinea pigs. Similar observations were made with purified mouse antibodies.

Raffel discussed reactivity of cells in delayed hypersensitivity. Small lymphocytes from guinea pigs sensitive to tuberculin or to a protein of nerve tissue were shown by fluorescent staining to bind these antigens. The nerve protein antigen is physically and antigenically homogeneous, and is localized in the myelin sheaths of nerve tissue; this antigen is associated with the induction of allergic encephalomyelitis, of delayed skin reactivity, and of lymphocyte reactivity in the absence of detectable circulating antibody.

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Forthcoming Events

August

16-24. **Human Economy**, conf., Inst. of Paper Chemistry, Appleton, Wis. (A. N. McLeod, IPC, Appleton)

17-20. American Assoc. of **Clinical Chemists**, 16th natl., Boston, Mass. (F. F. Ronan, AACC, 19 Bay State Rd., Boston 15)

17-20. **Natural Ultra Low Frequency Electromagnetic Fields**, symp., Boulder, Colo. (W. H. Campbell, National Bureau of Standards, Boulder)

17-21. **Combustion**, 10th intern. symp., Cambridge, England. (Combustion Inst., 986 Union Trust Bldg., Pittsburgh 19, Pa.)

17-21. **Cryogenic Engineering**, conf., Philadelphia, Pa. (K. D. Timmerhaus, Engineering Research Center, Ketchum 129, Univ. of Colorado, Boulder)

17-21. **Simulation in Space Technology**,

Blacksburg, Va. (F. J. Maher, Virginia Polytechnic Inst., Blacksburg)

17-22. **International Astronomical Union**, symp., Thessaloniki, Greece. (Maj. B. R. Agins, Air Force Office of Scientific Research, SRMA, Washington, D.C.)

17-22. **Cardiology**, 4th European congr., Prague, Czechoslovakia. (H. Kafka, Karlovo nám. 32, Prague 2)

17-22. **Endocrinology**, 2nd intern. congr., London, England. (A. S. Mason, London Hospital, Whitechapel, London, E.1)

17-22. **Social Psychiatry**, 1st intern. congr., London, England. (J. Bierer, 7 Holycroft Ave., London, N.W.3)

17-28. **Molecular Biophysics**, intern. inst., Squaw Valley, Calif. (Prof. Weissbluth, Biophysics Laboratory, Stanford Univ., Stanford, Calif.)

18-20. **International Assoc. of Milk and Food Sanitarians**, Portland, Ore. (H. L. Thomasson, P.O. Box 437, Shelbyville, Ind.)

19-21. **Physiology of Digestion in the Ruminant**, 2nd intern. symp., Ames, Iowa. (R. W. Dougherty, Box 70, Ames)

20-21. **National Council of Teachers of Mathematics**, Minneapolis, Minn. (J. D. Gates, NCTM, 1201 16th St. NW, Washington, D.C. 20036)

22. American Inst. of **Ultrasonics in Medicine**, 9th annual, Boston, Mass. (W. J. Fry, Biophysical Research Laboratory, Univ. of Illinois, Urbana)

22-24. **History of Astronomy**, symp., Hamburg, Germany. (B. Sticker, Institut für Geschichte der Naturwissenschaften, Universität Hamburg, Hartnungstr. 5, 2 Hamburg 13, Germany)

22-28. American Soc. of **Human Genetics**, Boulder, Colo. (S. H. Boyer, Johns Hopkins Hospital, Baltimore, Md.)

23. American Assoc. of **Electromyography**, annual, Boston, Mass. (M. K. Newman, 16861 Wyoming Ave., Detroit, Mich. 48221)

23-26. American **Phytopathological Soc.**, Lafayette, Ind. (J. R. Shay, Purdue Univ., Lafayette)

23-26. **Soil Conservation Soc.** of America, 19th annual, Jackson, Miss. (SCS, 7515 Northeast Ankeny Rd., Ankeny, Iowa)

23-28. American Inst. of **Biological Sciences**, annual, Boulder, Colo. (AIBS, 2000 P St., NW, Washington, D.C.)

The following societies will hold meetings in conjunction with the AIBS meeting:

American Bryological Society
American Fern Society
American Fisheries Society
American Microscopical Society
American Society for Horticultural Science

American Society of Human Genetics
American Society of Parasitologists
American Society of Plant Physiologists
American Society of Plant Taxonomists
American Society of Zoologists
Biometric Society ENAR-WNAR
Botanical Society of America
Ecological Society of America
Genetics Society of America
Mycological Society of America
National Association of Biology Teachers

Nature Conservancy
Phi Sigma Society

Phycological Society of America
Society for Industrial Microbiology
Society for the Study of Development and Growth
Society of Nematologists
Society of Protozoologists
Tomato Genetics Cooperative

23-28. American Congr. of **Physical Medicine and Rehabilitation**, Boston, Mass. (G. Gullickson, Jr., 30 N. Michigan, Chicago, Ill.)

23-28. **Conservation Education**, conf., Tacoma, Wash. (C. Boyce, Office of the Superintendent of Public Instruction, Olympia, Wash.)

24-26. American Inst. of **Aeronautics and Astronautics**, Los Angeles, Calif. (AIAA, 1290 Sixth Ave., New York, N.Y.)

24-26. Society for **Cryobiology**, annual, Washington, D.C. (V. P. Perry, Tissue Bank Dept., National Naval Medical Center, Bethesda, Md.)

24-26. **Education in the Nuclear Power Era**, conf., Gatlinburg, Tenn. (M. L. Nelson, Education Div., Oak Ridge Natl. Laboratory, P.O. Box 117, Oak Ridge, Tenn.)

24-26. **Mathematical Assoc.** of America, summer meeting, Univ. of Massachusetts, Amherst. (H. M. Gehman, Univ. of Buffalo, Buffalo 14, N.Y.)

24-27. American Soc. for **Pharmacology and Experimental Therapeutics**, Univ. of Kansas, Lawrence. (E. B. Cook, The Society, 9650 Wisconsin Ave., NW, Washington, D.C.)

24-27. **Biological Photographic Assoc.**, annual, New York, N.Y. (C. H. Weiss, 81 Bedford St., New York 14)

24-27. American **Hospital Assoc.**, Chicago, Ill. (E. L. Crosby, 840 N. Lake Shore Dr., Chicago 11)

24-27. **Toxicology and Occupational Medicine**, 4th inter-American conf., Miami Beach, Fla. (W. Machle, Univ. of Miami School of Medicine, Coral Gables, Fla.)

24-28. International Council of the **Aeronautical Sciences**, 4th congr., Paris, France. (American Inst. of Aeronautics and Astronautics, 2 E. 64 St., New York, N.Y. 10021)

24-28. **Astrodynamics Guidance and Control**, conf., Los Angeles, Calif. (K. Watanabe, 4731 B Engineering Building III, University of California, Los Angeles 24)

24-28. American **Astronautical Soc.**, military space applications symp., Stanford, Calif. (AAS, 516 Fifth Ave., New York, N.Y.)

24-28. Society for **Industrial and Applied Mathematics**, Amherst, Mass. (W. S. Dorn, T. J. Watson Research Center, I.B.M., P.O. Box 218, Yorktown Heights, N.Y.)

24-28. Scandinavian **Mathematical Congr.**, Copenhagen, Denmark. (Secretariat, The Congress, c/o Mathematical Inst., H. C. Ørsted Inst., Universitetsparken 5, Copenhagen Ø)

24-28. American **Mathematical Soc.**, New York, N.Y. (G. L. Walker, AMS, 190 Hope St., Providence, R.I.)

24-28. **Preventive Cardiology**, first intern. conf., Burlington, Vt. (W. Raab, Preventive Heart Reconditioning Foundation, 206 Summit St., Burlington, Vt.)