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fully the evidence for the induction of tolerance in vitro.

A long-standing problem, the mechanism of immunological paralysis following administration of large amounts of pneumococcal polysaccharides to mice, now appears solved. Mice given "paralyzing" amounts of pneumococcal polysaccharide lack specific antibodies in their serums, but Howard found that their spleens contain numerous cells that are able to form antibodies. It appears that this slowly catabolized antigen persists in tissues, neutralizing antibody as it is produced. Thus, this form of paralysis represents an immunological treadmill.

The last session of the conference was largely devoted to an attempt by Melvin Cohn to provide a molecular model of tolerance based entirely on the evidence he had heard in the preceding 3 days. He began with four assumptions: (i) the only recognition element is antibody itself; (ii) there is constant birth of antigen-sensitive cells throughout life; (iii) antigen-sensitive cells express but one antibody-response and will produce it as secretable antibody on induction; (iv) depending on the signal received, an antigen-sensitive cell may go on to either paralysis or to antibody formation. Assuming that a signal could be a conformational change in an antibody, he sketched a model in which paralysis represented a "half-open" position of an antibody molecule on a cell surface achieved by combination with a single antigenic determinant. For antibody formation the model required a "wide-open" antibody, resulting from a combination of two separate antigenic determinants held on the cell surface in an extended configuration by a factor he designated "carrier antibody."

The discussions were transcribed, are now being edited, and the proceedings will be published by March 1969.

ROBERT S. SCHWARTZ

SIDNEY LESKOWITZ

*Tufts University School of Medicine
and Harvard Medical School,
Boston, Massachusetts*

Calendar of Events

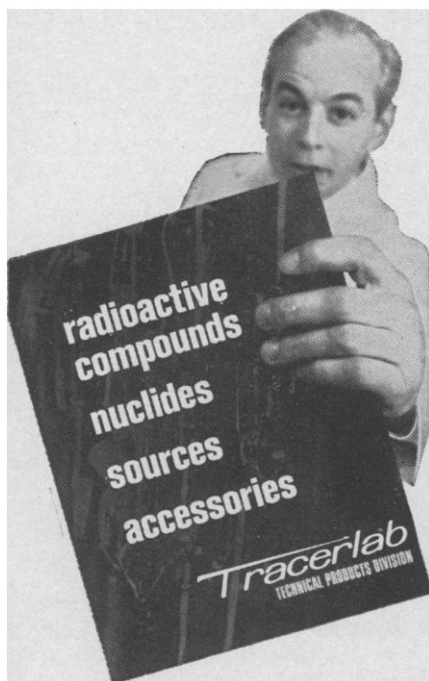
National Meetings

April

1. Arkansas Acad. of Science, Fayetteville, Ark. (G. E. Templeton, Dept. of Plant Pathology, Univ. of Arkansas, Fayetteville 72701)

SCIENCE, VOL. 163

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21 MARCH 1969

1. New Mexico Acad. of Science, Socorro. (L. A. File, New Mexico Tech., Campus Station, Socorro 87801)

1-2. **Advanced Techniques in Real-Time Simulation**, Philadelphia, Pa. (University City Science Center, Science Center Bldg. No. 1, 3401 Market St., Philadelphia 19104)

1-3. **Numerical Control Soc.**, 6th, Cincinnati, Ohio. (P. Senkiw, Advanced Computer Systems, Inc., 2185 S. Dixie Ave., Dayton, Ohio 45409)

1-4. **American Assoc. of Anatomists**, Boston, Mass. (R. T. Woodburne, Dept. of Anatomy, Univ. of Michigan, East Medical Bldg., Ann Arbor 48104)

2. **Oral Cancer Symp.**, 7th, Poughkeepsie, N.Y. (Sister M. A. Elizabeth, Poughkeepsie, N.Y.)

2-4. **Picture Bandwidth Compression**, Cambridge, Mass. (E. E. Witchi, Boston Section, Inst. of Electrical and Electronics Engineers, 31 Channing St., Newton, Mass. 02158)

3-4. **American Soc. for Engineering Education**, Fayetteville, Ark. (E. H. Wright, The Society, 2100 Pennsylvania Ave., NW, Washington, D.C. 20037)

3-5. **Southern Soc. for Philosophy and Psychology**, Miami, Fla. (D. Browning, Dept. of Philosophy, Univ. of Miami, Coral Gables, Fla.)

3-5. **National Conf. on Schizophrenia**, Topeka, Kan. (Dept. of Education, Menninger Foundation, Box 829, Topeka 66601)

7-9. **Operations Research Seminar**, Cleveland, Ohio. (Office of Public Relations, Case Western Reserve Univ., University Circle, Cleveland 44106)

7-11. **Offshore Exploration and Mining Engineering**, Los Angeles, Calif. (P.O. Box 24902, Engineering and Physical Sciences Extension, University Extension, Univ. of California, Los Angeles 90024)

7-11. **Public Health Aspects of Peaceful Uses of Nuclear Explosives**, Las Vegas, Nev. (Symp. Committee, Southwestern Radiological Health Lab., P.O. Box 15027, Las Vegas 89114)

8-9. **High Performance Composites**, 4th symp., St. Louis, Mo. (G. L. Esterson, Box 1048, Washington Univ., St. Louis 63130)

8-11. **Acoustical Soc. of America**, 71st, Philadelphia, Pa. (B. Goodfriend, 335 E. 45 St., New York 10017)

9-10. **American Assoc. of Planned Parenthood Physicians**, 7th, San Francisco, Calif. (G. C. Denniston, The Association, 515 Madison Ave., New York 10022)

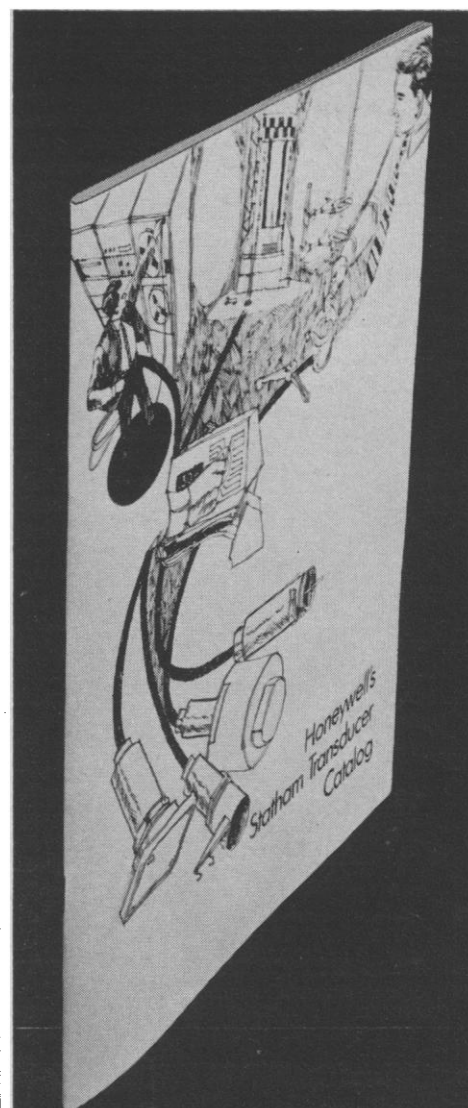
9-11. **Midwest Benthological Soc.**, 17th, Gilbertsville, Ky. (C. I. Weber, Secretary, Federal Water Pollution Control Administration, 1014 Broadway, Cincinnati, Ohio 45202)

9-11. **Textile Research Inst.**, 39th, New York, N.Y. (P.O. Box 625, Princeton, N.J.)

9-12. **Geological Soc. of America**, southeastern section, Columbia, S.C. (D. J. Colquhoun, Dept. of Geology, Univ. of South Carolina, Columbia 29208)

10. **Health Conf. on Diet, Exercise, and Cardiovascular Disease**, Philadelphia, Pa. (R. L. Kunes, Heart Assoc. of Southeastern Pennsylvania, 318 S. 19 St., Philadelphia)

10-12. **Population Assoc. of America**, Atlantic City, N.J. (A. L. Ferriss, Russell Sage Foundation, 1755 Massachusetts Ave., NW, Washington, D.C. 20006)



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10-16. American Leprosy Missions, 10th PHS seminar, Carville, La. (American Leprosy Missions, 297 Park Ave. South, New York 10010)

11-12. American Soc. for Engineering Education (North Central Section mtg.), Windsor, Ont., Canada. (E. H. Wright, The Society, 2100 Pennsylvania Ave., NW, Washington, D.C. 20037)

12. New Jersey Acad. of Science, East Orange. (F. F. Katz, Seton Hall Univ., South Orange, N.J. 07079)

12-16. American Soc. of Abdominal Surgeons, Las Vegas, Nev. (B. F. Alfano, 675 Main St., Melrose, Mass. 02176)

12-13. National Guild of Catholic Psychiatrists, Washington, D.C. (P. A. Santucci, 4962 Hampden Lane, Bethesda, Md. 20014)

12-13. Histochemical Soc., 20th, Atlantic City, N.J. (G. M. Lehrer, Div. of Neurochemistry, Mount Sinai Medical School, 11 E. 100 St., New York 10029)

13-16. Plant Engineering and Maintenance, 12th conf., Pittsburgh, Pa. (B. J. Cross, Lederle Labs., Pearl River, N.Y. 10965)

13-17. American Assoc. of Cereal Chemists, 54th, Chicago, Ill. (R. Tarleton, 1955 University Ave., St. Paul, Minn. 55104)

13-17. Pacific Coast Oto-Ophthalmological Soc., San Francisco, Calif. (F. A. Sooy, Dept. of Otolaryngology, Univ. of California Medical Center, San Francisco 94122)

13-18. American Socs. for Experimental Biology, Atlantic City, N.J. (J. F. A. McManus, FASEB, 9650 Rockville Pike, Bethesda, Md. 20014)

13-18. American Soc. for Experimental Pathology, Atlantic City, N.J. (R. E. Knott, 9650 Rockville Pike, Bethesda, Md. 20014)

13-18. Health Services Research Seminar, Baltimore, Md. (J. W. Williamson, Dept. of Medical Care and Hospitals, Johns Hopkins Univ., Seminar Office, 550 N. Broadway, Baltimore 21205)

13-18. American Inst. of Nutrition, Atlantic City, N.J. (J. Waddell, 9650 Rockville Pike, Bethesda, Md. 20014)

13-18. American Soc. for Pharmacology and Experimental Therapeutics, Inc., Atlantic City, N.J. (E. B. Cook, Executive Officer, The Society, 9650 Rockville Pike, Bethesda, Md. 20014)

14-16. Soc. for Economic Botany, Kennett Square, Pa. (A. der Marderosian, Philadelphia College of Pharmacy and Science, 43rd and Kingsessing Ave., Philadelphia 19104)

14-16. American Inst. of Mining, Metallurgical and Petroleum Engineers, Inc., 52nd, Toronto, Ont., Canada. (The Society, 345 E. 47 St., New York 10017)

14-16. Structures, Structural Dynamics, and Materials Conf., 10th, New Orleans, La. (A. H. Hausrath, Bldg. 520, Room 144, TRW Systems, P.O. Box 1310, Norton AFB, Calif. 92402)

14-17. American Cleft Palate Assoc., Houston, Tex. (K. R. Bzoch, Dept. of Communicative Disorders, Univ. of Florida, Gainesville 32601)

14-17. American Assoc. of Petroleum Geologists, 54th, Dallas, Tex. (The Association, Box 979, Tulsa, Okla.)

14-18. American Soc. of Biological

Chemists, Inc., Atlantic City, N.J. (Executive Officer, The Society, 9650 Rockville Pike, Bethesda, Md. 20014)

14-18. American Assoc. of **Immunologists**, Atlantic City, N.J. (Secretary-Treasurer, The Association, 9650 Rockville Pike, Bethesda, Md. 20014)

14-18. American **Physiological Soc.**, Atlantic City, N.J. (R. G. Daggs, The Society, 9650 Rockville Pike, Bethesda, Md. 20014)

14-18. Federation of American Socs. for **Experimental Biology**, 53rd, Atlantic City, N.J. (Convention Manager, 9650 Rockville Pike, Bethesda, Md. 20014)

15. **Labeling of Blood Typing Sera**, New York, N.Y. (A. S. Wiener, Office of the Chief Medical Examiner of New York City, 520 First Ave., New York 10016)

16-17. American Inst. of **Aeronautics and Astronautics** (structural dynamics and aeroelasticity conf.), New Orleans, La. (H. Runyan, Dynamics Loads Div., NASA Langley Research Center, Langley Field, Va. 23365)

16-18. American Soc. of **Neuroradiology**, Cleveland, Ohio. (A. E. Zimmer, Danbury Hospital, Danbury, Conn. 06810)

16-18. Institute of **Electrical and Electronics Engineers** (geoscience electronics symp.), Washington, D.C. (M. E. Ringenbach, Equipment Development Lab., Room 201, Gramax Bldg., 8060 13 St., Silver Spring, Md. 20901)

16-18. American Soc. for **Engineering Education**, Southeastern Section mtg., Coral Gables, Fla. (E. H. Wright, The Society, 2100 Pennsylvania Ave., NW, Washington, D.C. 20037)

16-26. **Solid State Chemistry** Advanced Study Inst., Scottsdale, Ariz. (L. Eyring and M. O'Keefe, Dept. of Chemistry, Arizona State Univ., Tempe 85281)

17-18. **Fiber Soc.**, Raleigh, N.C. (L. Rebenfeld, Box 625, Princeton, N.J.)

17-18. American Assoc. of **Railway Surgeons**, Chicago, Ill. (C. Y. Werelius, 5800 Stony Island Ave., Chicago 60637)

17-19. **Orthopaedic Symp.**, 5th, Houston, Tex. (W. M. Granberry, 6624 Fannin St., Houston 77025)

17-19. Association of **Southeastern Biologists**, Memphis, Tenn. (C. D. Brown, Memphis State Univ., Memphis)

17-20. Southwestern Assoc. of **Naturalists**, Tempe, Ariz. (M. J. Fouquette, Jr., Dept. of Zoology, Arizona State Univ., Tempe 85281)

17-22. American **Dermatological Assoc.**, Inc., Scottsdale, Ariz. (R. R. Kierland, % Mayo Clinic, Rochester, Minn. 55901)

18. **Human Ecology**, Symp., Fullerton, Calif. (A. J. Simonds, Life Sciences Symp., Fullerton Junior College, 321 E. Chapman Ave., Fullerton 92634)

18-19. International College of **Applied Nutrition**, San Diego, Calif. (J. D. Walters, 14629 Ventura Blvd., Sherman Oaks, Calif. 91403)

18-19. Iowa Acad. of **Sciences**, Cedar Falls, Iowa. (R. Hanson, Dept. of Science, Univ. of Northern Iowa, Cedar Falls 50613)

18-20. American Soc. of **Internal Medicine**, Chicago, Ill. (A. V. Whitehall, 3410 Geary Blvd., San Francisco, Calif. 94118)

20-23. Institute of **Environmental Sciences**, 15th, Anaheim, Calif. (Technical Program Committee, The Institute, 940

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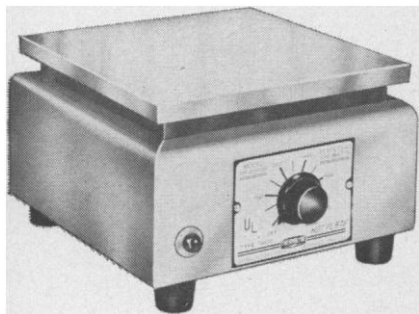
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20-23. West Virginia Acad. of **Ophthalmology and Otolaryngology**, Greenbrier. (J. E. Blaydes, Jr., 107 Federal St., Bluefield, W.Va.)

20-23. Assoc. for **Research in Ophthalmology**, Sarasota, Fla. (H. E. Kaufman, Office of Secretary-Treasurer, Dept. of Ophthalmology, Univ. of Florida Medical College, Gainesville 32601)

20-24. American **Oil Chemists' Soc.**, San Francisco, Calif. (C. H. Hauber, The Society, 35 E. Wacker Drive, Chicago, Ill. 60601)

20-25. Society of **Motion Picture and Television Engineers**, 105th, Miami Beach, Fla. (Executive Secretary, 9 E. 41 St., New York 10017)

21-22. American Soc. for **Artificial Internal Organs**, Atlantic City, N.J. (E. F. Bernstein, Dept. of Surgery, Univ. of Minnesota Medical School, Minneapolis 55455)

21-22. Midwest Symp. on **Circuit Theory**, 12th, Austin, Tex. (Dept. of Electrical Engineering and Electronics Research Center, Univ. of Texas, Austin)

21-22. **Temperature Measurements Soc.**, 6th, Hawthorne, Calif. (C. L. Vaughn, Paper Selection Committee, % The Society, P.O. Box 156, Palos Verdes Estates, Calif. 90274)

21-23. **Effective Use of Computers in the Nuclear Industry**, Knoxville, Tenn. (B. F. Maskewitz, Oak Ridge Natl. Lab., P.O. Box X, Oak Ridge, Tenn. 37830)

21-24. American **Industrial Health Conf.**, Houston, Tex. (American Industrial Health Conf., 55 E. Washington St., Chicago, Ill. 60602)

21-25. **Astrodynamics and Related Planetary Sciences**, Washington, D.C. (J. W. Siry, NASA Goddard Space Flight Center, Code 550, Greenbelt, Md. 20771)

21-25. American College of **Physicians**, 50th, Chicago, Ill. (E. C. Rosenow, Jr., 4200 Pine St., Philadelphia, Pa.)

21-25. **Solid State Chemistry Conf.**, 2nd, Scottsdale, Ariz. (L. Eyring and M. O'Keefe, Dept. of Chemistry, Arizona State Univ., Tempe 85281)

21-26. American Acad. of **Neurology**, Washington, D.C. (S. A. Nelson, 4005 W. 65 St., Minneapolis, Minn. 55435)

22-23. **National Relay Conf.**, 17th, Stillwater, Okla. (D. D. Lingelbach, School of Electrical Engineering, Oklahoma State Univ., Stillwater 74074)

22-24. **Space**, natl. mtg. of the Inst. of Navigation, Houston, Tex. (R. Freeman, Inst. of Navigation, 711 14th St., NW, Washington, D.C. 20005)

22-24. **Pollution Control Conf.**, Houston, Tex. (A. LaFargue, % PACE Management Corp., 4710 Greeley St., Houston, 77006)

22-24. **Telemetry Conf.**, Washington, D.C. (R. W. Rochelle, NASA Goddard Space Flight Center, Code 710, Greenbelt, Md. 20771)

22-25. American **Geophysical Union**, Washington, D.C. (R. Yorks, Univ. of Michigan, Ann Arbor)

22-25. American College **Health Assoc.**, Oklahoma City, Okla. (J. W. Dilley, 2807 Central Ave., Evanston, Ill. 60201)

22-25. **National Pollution Conf.**, Hous-

ton, Tex. (The Conference, 4710 Greeley St., Houston 77006)

23-24. **Electric Process Heating in Industry**, Inst. of Electrical and Electronics Engineers, Philadelphia, Pa. (G. Bobart, Westinghouse Electric Corp., Box 300, Sykesville, Md. 21784)

23-25. Institute of **Electrical and Electronics Engineers Conv.**, San Antonio, Tex. (W. H. Hartwig, Dept. of Electrical Engineering, Engineering Science Bldg. 439, Univ. of Texas, Austin 78712)

23-25. **Nondestructive Evaluation of Components and Materials in Aerospace, Weapons Systems, and Nuclear Applications**, San Antonio, Tex. (C. E. Lautzenheiser, Southwest Research Inst., 8500 Culebra Rd., San Antonio 78228)

24-26. Council on **Medical Television**, Kansas City, Mo. (J. R. Sutherland, Medical College of Georgia, Augusta)

24-26. American Acad. of **Physical Medicine and Rehabilitation**, Chicago, Ill. (C. C. Herold, 30 N. Michigan Ave., Chicago 60602)

24-26. New York **Roentgen Soc.**, New York, N.Y. (S. H. Madell, 1 E. 82 St., New York 10028)

24-26. Illinois State Acad. of **Science**, Decatur, Ill. (K. Harmet, Dept. of Biology, Northern Illinois Univ., DeKalb 60115)

24-26. Ohio Acad. of **Science**, Delaware. (J. H. Melvin, Ohio Acad. of Science, 505 King Ave., Columbus 43210)

24-26. Annual **Wildflower Pilgrimage**, 19th, Gatlinburg, Tenn. (Gatlinburg Chamber of Commerce, Box 527, Gatlinburg 37738 or E. E. C. Clebsch, Dept. of Botany, Univ. of Tennessee, Knoxville 37916)

24-27. Association of **Clinical Scientists**, Mobile, Ala. (R. P. MacFate, 125 N. Rutledge St., Pentwater, Mich. 49449)

25-26. American Soc. for **Engineering Education**, Rocky Mountain Section mtg., Logan, Utah. (E. H. Wright, The Society, 2100 Pennsylvania Ave., NW, Washington, D.C. 20037)

25-26. National Assoc. of **Geology Teachers**, North-Central Section, Grand Forks, N.D. (J. R. Reid, Dept. of Geology, Univ. of North Dakota, Grand Forks 58201)

25-26. American Society of **Group Psychotherapy and Psychodrama**, New York, N.Y. (A. Manzoello, P.O. Box 311, Beacon, N.Y. 12508)

25-26. Nebraska Acad. of **Science**, Lincoln. (C. B. Schultz, 101 Morrill Hall, University Museum, Univ. of Nebraska, Lincoln 68508)

25-26. South Dakota Acad. of **Science**, Vermillion. (T. Van Bruggen, Dept. of Botany, Univ. of South Dakota, Vermillion 57069)

26. American Soc. for **Engineering Education**, Illinois-Indiana Section mtg., Terre Haute, Ind. (E. H. Wright, The Society, 2100 Pennsylvania Ave., NW, Washington, D.C. 20037)

26-27. **Eye Bank Assoc. of America**, New Orleans, La. (W. Clark, 211 S. Saratoga St., New Orleans 70112)

27-30. **Isotopes Application**, 3rd Conf., Gatlinburg, Tenn. (J. H. Gillette, Isotopes Div., Oak Ridge Natl. Lab., P.O. Box X, Oak Ridge, Tenn. 37830)

27-30. American Soc. of **Maxillofacial**



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ian, Jr., 116 E. 68 St., New York 10021)

27-30. **Southwestern and Rocky Mountain** Div. of AAAS, Colorado Springs, Colo. (M. G. Anderson, Dept. of Biology, New Mexico State Univ., Las Cruces 88001)

28. **National Cystic Fibrosis Research** Foundation, Atlantic City, N.J. (W. H. Boyer, 202 E. 44 St., New York 10017)

28-29. **Photo-Optical Techniques in Simulators**, South Fallsburgh, N.Y. (Photo-Optical Techniques in Simulators Seminar Committee, % SPIE Natl. Office, P.O. Box 288, Redondo Beach, Calif. 90277)

28-30. **American Inst. of Aeronautics and Astronautics**, Cincinnati, Ohio. (J. Lukasiewicz, ARO, Inc., Arnold Engineering Development Center, Arnold Air Force Station, Tenn. 37389)

28-30. **Association of Iron and Steel Engineers**, Detroit, Mich. (Managing Director, The Association, 1010 Empire Bldg., Pittsburgh, Pa.)

28-30. **American Radium Soc.**, Philadelphia, Pa. (J. V. Blady, 2201 Benjamin Franklin Parkway, Philadelphia 19130)

28-30. **American Vacuum Soc.**, Los Alamos, N.M. (D. G. Schreiner, New Mexico Section, AVS, P.O. Box 11451, Albuquerque 87112)

28-30. **Water and Air Conf.**, 6th, Assoc. of the Pulp and Paper Industry, Jacksonville, Fla. (H. O. Teeple, 360 Lexington Ave., New York 10017)

28-1. **American College of Obstetricians and Gynecologists**, Bal Harbour, Fla. (M. Newton, 79 W. Monroe St., Chicago, Ill. 60603)

28-1. **American Physical Soc.**, Washington, D.C. (W. W. Havens, Jr., The Society, 335 E. 45 St., New York 10017)

28-2. **Surveyor Thermal Control Conf.**, Santa Monica, Calif. (Engineering and Physical Sciences Extension, University Extension, Univ. of California, P.O. Box 24902, Los Angeles 90024)

29. **American Federation for Clinical Research**, Atlantic City, N.J. (The Federation, 2000 P St., NW, Washington, D.C. 20036)

29. **Cystic Fibrosis Club**, 10th, Atlantic City, N.J. (W. W. Waring, Tulane Univ. Medical School, 1430 Tulane Ave., New Orleans, La. 70112)

29. **American Soc. of Therapeutic Radiologists**, Philadelphia, Pa. (C. R. Bogardus, Jr., Univ. of Oklahoma Medical Center, Oklahoma City 73114)

29-1. **Society of Aerospace Material and Process Engineering**, Los Angeles, Calif. (Mail Station D-133, Hughes Aircraft Co., Centinela Ave. and Teale St., Culver City, Calif. 90230)

29-1. **Scanning Electron Microscopy Symp.**, 2nd, Chicago, Ill. (J. Pearre, Public Information Office, IITRI, Chicago, Ill.)

29-2. **American Chemical Soc.** (Div. of Rubber Chemistry), Los Angeles, Calif. (G. G. Winspear, R. T. Vanderbilt Co., Inc., 230 Park Ave., New York 10017)

29-3. **Student American Medical Assoc.**, Chicago, Ill. (C. Hewitt, 2635 Flossmoor Road, Flossmoor, Ill. 60422)

30-2. **Chemical Marketing Research Assoc.**, New York. (R. H. Mattson, Glidden-Durkee, Div. of SCM Corp., 900 Union Commerce Bldg., Cleveland, Ohio 44115)

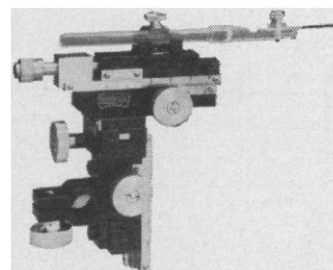


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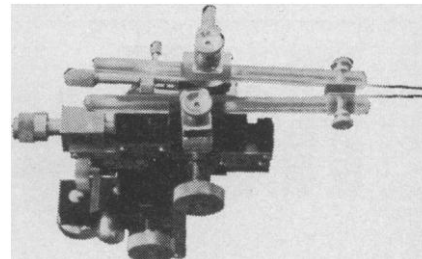


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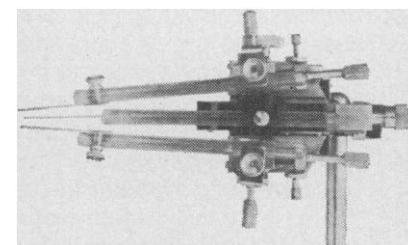
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SCIENCE, VOL. 193

30-2. **Electronic Components Conf.**, Washington, D.C. (J. A. O'Connell, Electronic Components Conf., ITT Headquarters, 320 Park Ave., New York 10022)

30-2. **American Surgical Assoc.**, Cincinnati, Ohio. (C. R. Hanlon, 1325 S. Grand Blvd., St. Louis, Mo. 63104)

30-3. **Midwest Anesthesiology Conf.**, Chicago, Ill. (A. P. Winnie, Illinois Soc. of Anesthesiologists, 1825 W. Harrison St., Chicago 60612)

30-3. **American Assoc. of Plastic Surgeons**, San Francisco, Calif. (R. M. McCormack, 260 Crittenden Blvd., Rochester, N.Y. 14620)

30-4. **Continual Education of the American Acad. of Oral Medicine**, 23rd, San Juan, Puerto Rico. (W. M. Greenhut, 124 E. 84 St., New York 10028)

International and Foreign Meetings

April

21-23. **Canadian Inst. of Mining and Metallurgy**, 71st, Montreal, Canada. (Executive Director, The Institute, Suite 906, 1117 St. Catherine St. W., Montreal 2)

21-25. **Switching Techniques for Telecommunication Networks**, London, England. (Conference Dept., Institution of Electrical Engineers, London, W.C.2)

21-26. **Canadian Pulp and Paper Assoc.**, 10th, Vancouver, B.C. (W. K. Voss, Ontario Paper Co. Ltd., Thorold, Ont.)

22-25. **Cotton Textile Research**, 1st intern. symp., Paris, France. (Institut Textile de France, 23 rue des Abondances, 92, Boulogne, France)

22-29. **Hydrology of Deltas**, intern. symp., Bucharest, Rumania. (A. I. Johnson, Water Resources Div., U.S. Geological Survey, Denver, Colo. 80225)

25-27. **Canadian Science Film Assoc.**, 2nd, Radio and Electrical Engineering Div., Ottawa, Ont. (J. deBlois, % Canadian Film Inst., 1762 Carling Ave., Ottawa 13)

28-2. **Symposium on Radiation-Induced Carcinogenesis**, Athens, Greece. (R. N. Mukherjee, Unit of Radiation Biology, Intern. Atomic Energy Agency, Karntner Ring 11-13, A-1010 Vienna, Austria)

May

5-8. **Instrumentation in Aerospace Simulation Facilities**, 3rd intern. congr., Farmingdale, N.Y. (C. R. Spitzer, MS-236, NASA Langley Research Center, Hampton, Va. 23365)

5-8. **International Microwave Symp.**, Dallas, Tex. (J. B. Horton, MS 905, Texas Instrument Co., Box 5012, Dallas 75222)

5-9. **Commonwealth Mining and Metallurgical Congr.**, 9th, London, England. (Congress Secretary, Commonwealth Council of Mining and Metallurgical Institutions, 44 Portland Pl., London, W.1)

6-8. **Nuclear Electronics Symp.**, Ispra, Italy. (L. Stanchi, C.C.R. Euratom, 21020 Ispra)

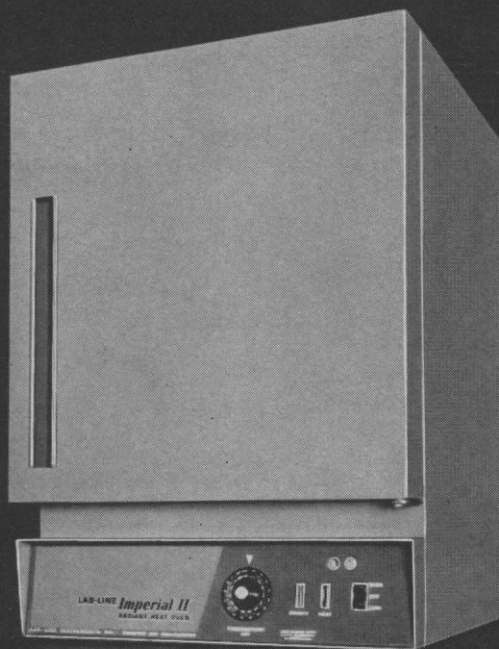
6-8. **Power Thyristors and Their Applications**, London, England. (Conference Dept., Institution of Electrical Engineers, Savoy Pl., London, W.C.2)

6-8. **Radiosensitizing and Radioprotective Drugs**, 2nd intern. symp., Rome, Italy. (H. Moroson, Sloan-Kettering Inst. for Cancer Research, Donald S. Walker Lab., 145 Boston Post Rd., Rye, N.Y.)

21 MARCH 1969

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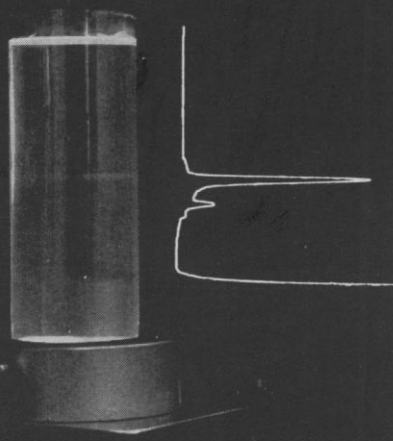
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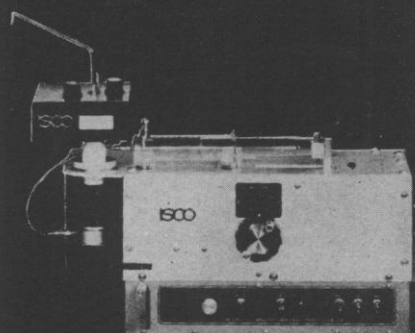
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6-9. **Fluid Sealing**, 4th intern. conf., Philadelphia, Pa. (J. J. Sherlock, Midwest Aero Industries, Inc., P.O. Box 536, Oak Ridge Sta., 4834 Delemere Ave., Royal Oak, Mich. 48073)

7-9. **International Joint Conf. on Artificial Intelligence**, Washington, D.C. (D. E. Walker, Mitre Corp., Bedford, Mass. 01730)

10-11. **International Soc. for the Study of Social and Behavioral Sciences**, Princeton, N.J. (J. Jaynes, Dept. of Psychology, Princeton Univ., Princeton 08540)

11-18. **International Exhibition on Diagnostics**, Munich, Germany. (Munchener Messe-und Ausstellungs-Gesellschaft MBH, Theresienhohe 13, 8 Munich 12)

15-18. **International Revolving-Shutter Products Fair**, Stuttgart, Germany. (Stuttgarter Ausstellungen GMBH, Postfach 990, 700 Stuttgart 1)

26-30. **Spectroscopy**, 15th intern. colloquium, Madrid, Spain. (Secretary, XV Colloquium Spectroscopium Internationale, Serrano 119, Madrid 6)

27-31. **International Assoc. of Thalassotherapy**, 14th, Eforie Nord, Roumania. (Prof. Biculescu, Strada Transilvaniei 47, Bucharest, Roumania)

27-1. **German Congr. for Medical Continuation Studies**, 18th, Berlin. (Kongressgesellschaft fur Artliche Fortbildung, Klingsortstr. 21, Berlin 41)

28-7. **Pro Aqua Congr.**, 4th, Basel, Switzerland. (O. Jaag, % Secretariat Pro Aqua, Basel 21)

29-3. **International Assoc. for Accident and Traffic Medicine**, 3rd, New York, N.Y. (M. Helpert, % Office of Chief Medical Examiner, 520 First Ave., New York 10016)

29-19. **General Assembly of Pan-American Inst. of Geography and History**, Washington, D.C. (C. A. Forray Rojas, Ex-Arzbispado 29, Mexico, D.F. Mexico)

June

1-12. **Symposium on Non-Destructive Testing of Concrete and Timber**, London, England. (Institution of Civil Engineers, Great George St., London, S.W.1)

2-6. **International Symp. on Yeasts**, Delft and The Hague, Netherlands. (L. Rodrigues de Miranda, Organizing Committee, Julianalaan 67A, Delft)

3-13. **International Conf. on Arid Lands in a Changing World**, Tucson, Ariz. (International Arid Lands Conf., % Dept. of Geochronology, Univ. of Arizona, Tucson 85721)

4-6. **Automated Analysis**, intern. congr., Chicago, Ill. (J. E. Golin, Technicon Corp., Ardsley, N.Y. 10502)

4-7. **Union of Textile Chemists and Colorists**, 21st congr., Baden-Baden, Germany. (The Union, Rohsbacherstr. 78, Heidelberg, Germany)

5. **European Federation of Intern. College of Surgeons**, London, England. (F. P. Fitzgerald, 129 Harley St., London, W.1)

5-7. **Mineralogical Assoc. of Canada**, Montreal, P.Q. (J. Beland, Dept. of Geology, Univ. of Montreal, Montreal)

5-11. **Forensic Sciences**, 5th intern., Toronto, Ont., Canada. (L. Ball, Center of Forensic Sciences, Dept. of Attorney General, 8 Jarvis Street, Toronto 2)

6-9. **Canadian Pediatric Soc.**, Montreal,

P.Q. (J. H. V., Marchessault, 14 Green Ave., St. Lambert, Quebec City, P.Q.)

8-14. **Canadian Medical Assoc.**, 102nd, Toronto, Ont., Canada. (The Association, 170 St. George Street, Toronto, Canada)

9-11. **International Communications Conf.**, Boulder, Colo. (M. Nesenbergs, Environmental Science Services Administration, Inst. for Telecommunication Sciences, R614, Boulder 80302)

9-12. **International Food Congr. and Exhibition**, 7th, Madrid, Spain. (L. Naranon, % Federacion Nacional de Almacenistas de Alimentacion, Paseo del Prado 18-20, Planta 11, Madrid)

9-13. **Clean Air Congr. and Exhibition**, Dusseldorf, Germany. (V. Deutscher, Postfach 1139, 4 Dusseldorf 1)

9-14. **Canadian Assoc. of Pathologists**, Toronto, Ont., Canada. (D. W. Penner, Winnipeg General Hospital, Winnipeg 3, Manitoba)

10-20. **International Marine and Shipping Conf.**, London, England. (Inst. of Marine Engineers, 76 Mark Lane, London, E.C.3)

11-13. **Canadian Federation of Biological Societies** (Canadian Physiological Soc., Pharmacological Soc. of Canada, Canadian Assoc. of Anatomists, Canadian Biochemical Soc.), 12th, Edmonton, Alberta. (A. H. Neufeld, Univ. of Western Ontario, London, Ont., Canada)

11-14. **Canadian Psychiatric Assoc.**, 19th, Toronto, Ont. (W. A. Blair, 225 Lisgar St., Ottawa, Ont.)

14-20. **Canadian Assoc. of Gastroenterology**, 8th, Toronto, Ont. (The Association, 426 170 St. George St., Toronto 5)

15-18. **Chemical Inst. of Canada**, 19th, Montreal, P.Q. (The Institute, 151 Slater St., Ottawa 4, Ont.)

15-20. **Canadian Anaesthetists Soc.**, 20th, Toronto, Ont. (E. R. Campbell, 178 St. George St., Toronto 5)

15-20. **International Data Processing Conf.**, Montreal, Canada. (M. Rafferty, Data Process Managing Assoc., 505 Busse Highway, Park Ridge, Ill. 60068)

15-22. **World Medical Assoc.**, 23rd, Paris, France. (M. Poumailloux, Domus Medica, 60 Blvd. de Labour-Maubourg, Paris 15)

16-18. **Thermophysics Conf.**, 4th, San Francisco, Calif. (E. R. Streed, Vehicle Systems Design Branch, NASA Ames Research Center, N244-6, Moffett Field, Calif. 94035)

16-21. **Triennial Congr. of Intern. Federation of Automatic Control**, Warsaw, Poland. (Organizing Committee, Ul Czackiego 3/5, P.O. Box 903, Warsaw 1)

16-21. **Sarcoidosis**, 5th intern. conf., Prague, Czechoslovakia. (L. Levinsky, University Clinic for Tuberculosis and Respiratory Diseases, 19 Katerinska, Prague 2)

21-29. **Quadrennial Congr. of Intern. Council of Nurses**, Montreal, Canada. (H. M. Nussabaum, P.O. Box 42, 1211 Geneva 20, Switzerland)

22-29. **Application of Mathematics in Engineering**, 5th biennial intern. congr., Weimar, Germany. (H. Matzke, Weimar College of Architecture and Building, Karl-Marx-Platz 2, 53 Weimar)

22-29. **Nephrology**, 4th intern. congr., Stockholm, Sweden. (F. Berglund, Postfach 272, Stockholm 1)