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from



W & W

VIRUSES OF VERTEBRATES

By *Sir Christopher Andrewes*,
M.D., F.R.C.P., F.R.S.; Well-
come Trust Fellow; Formerly
Deputy Director, National In-
stitute for Medical Research,
Mill Hill, London.

W & W is proud to announce
the publication of a book in
virology which corresponds to
Bergey's Manual in bacteriol-
ogy. Written by "the dean of
viral nomenclature," this long-
needed work gives an orderly
account of the viruses, their
properties and their relations
to each other. It enables re-
searchers and teachers to dis-
cover rapidly what is already
known about a virus, and
guides them to fuller sources,
and provides a classification
of the known viruses. Sir
Christopher's achievement is
destined to be *the* reference
used for viral identification.

CONTENTS BY PARTS:
RNA Viruses. DNA Viruses.
Unclassified Viruses. Chlamy-
dozoaceae. Index.

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en, these enzymes (or this enzyme)
can bypass many clotting-factor defi-
ciencies. Whether this may have prac-
tical application in the therapy of co-
agulation disorders is a matter for fu-
ture investigation.

JOHN H. FERGUSON
*University of North Carolina,
Chapel Hill*

Forthcoming Events

June

2-3. **Photovoltaic Specialists**, 4th annual
conf., Cleveland, Ohio. (P. Rappaport,
RCA Laboratories, Princeton, N.J.)

2-4. **Global Communications**, intern.
symp. (Globcom VI), Philadelphia, Pa.
(R. Guenther, RCA Communications Sys-
tems Div., Bldg. 1-3-1, Camden, N.J.)

2-4. **Telemetry**, natl. conf., Los An-
geles, Calif. (W. S. Pope, 8420 Quinn St.,
Downey, Calif.)

2-5. **Food Microbiology**, 4th intern.
symp., Göteborg, Sweden. (N. Molin,
Swedish Inst. for Food Preservation Re-
search, Göteborg 16)

2-6. **Acoustical Conf.**, 3rd., Budapest,
Hungary. (Acoustics Div., Hungarian Soc.
of Optics, Acoustics, and Film Techniques,
Szabadság tér 17, Budapest 5)

2-6. **Ophthalmic-Optics**, intern. congr.,
Copenhagen, Denmark. (Danmark Special
Optiker-Forening, Vesterbrogade 41B,
Copenhagen 5)

3-5. Collaborative **Pesticides** Analytical
Committee, 8th, Wageningen, Nether-
lands. (R. de B. Ashworth, c/o Plant Pa-
thology Laboratory, Hatching Green,
Harpenden, Hertfordshire, England)

3-10. **American Metalworking Technol-
ogy** for the European Community
(AMTEC), Brussels, Belgium. (E. L.
Koester, ASTM, 10700 Puritan Ave., De-
troit, Mich.)

7-9. National Public Relations Council
of **Health and Welfare Services**, New
York, N.Y. (The Council, 257 Park Ave.
S., New York 10010)

7-9. **Isotopically Labeled Drugs** in Ex-
perimental Pharmacology, conf., Chicago,
Ill. (L. J. Roth, Dept. of Pharmacology,
Univ. of Chicago, Chicago 60637)

7-11. **Special Libraries Assoc.**, St. Louis,
Mo. (Mrs. J. North, Missile and Space
Div., Lockheed Aircraft Corp., Palo Alto,
Calif.)

7-12. **Mass Spectrometry** and Allied
Topics, 12th annual conf., Montreal, Que-
bec, Canada. (N. D. Coggeshall, Gulf Re-
search and Development Co., P.O. Drawer
2038, Pittsburgh, Pa. 15230)

7-13. **European Ophthalmological Soc.**,
2nd congr., Vienna, Austria. (J. François,
15, Place de Smet de Naeyer, Ghent,
Belgium)

8-9. **Basic Cancer Research**, 2nd Scan-
dinavian symp., Stockholm, Sweden. (K.
E. Hellström, c/o Riksföreningen mot
Cancer, Postgiro 90 19 51, Stockholm)

8-10. **Quasi-Optics**, symp., Polytechnic
Inst. of Brooklyn, 14th, New York, N.Y.
(Polytechnic Inst. of Brooklyn, 55 John-
son St., Brooklyn 1)

8-11. **Cardiovascular Conf.**, 2nd intern.,
St. Adele, Quebec, Canada. (D. F. M.
Bunce, Dept. of Physiology, College of
Osteopathic Medicine and Surgery, Des
Moines, Iowa)

8-11. **International Planned Parenthood
Federation**, conf. of region for Europe,
Near East, and Africa, London, England.
(J. Bettie, 6 Pembroke Rd., London, W.1)

8-12. **Surface Contamination**, intern.
symp., Gatlinburg, Tenn. (B. R. Fish,
Health Physics Div., Oak Ridge Natl.
Laboratory, P.O. Box X, Oak Ridge, Tenn.)

9. **International Assoc. for the Preven-
tion of Blindness**, Vienna, Austria. (J. P.
Baillart, 47, rue de Bellechasse, Paris 7^e,
France)

9-11. **Cobalt Applications**, intern. meet-
ing, Brussels, Belgium. (Cobalt Informa-
tion Center, Battelle Memorial Inst., 505
King Ave., Columbus 1, Ohio)

9-11. **Electromagnetic Compatibility**,
6th natl. symp., Los Angeles, Calif. (J.
A. Eckert, Dept. 3441/32, Northrop Nor-
air, 3901 West Broadway, Hawthorne,
Calif.)

9-12. **Canadian Federation of Biologi-
cal Societies**, Halifax, N.S. (A. H. Neu-
feld, The Federation, Univ. of Western
Ontario, London, Ont., Canada)

9-12. **Max Planck Soc. for the Further-
ance of Science**, general meeting, Ham-
burg, Germany. (Max-Planck Gesellschaft
zur Förderung des Wissenschaften e.V.,
Düsseldorf, Germany)

10-12. **Heat Transfer and Fluid Me-
chanics**, Berkeley, Calif. (S. Levy, General
Electric Co., 150 Curtner Ave., San Jose,
Calif.)

10-19. **Intergovernmental Oceanograph-
ic Commission**, 3rd session, Paris, France.
(W. S. Wooster, Office of Oceanography,
UNESCO, Place de Fontenoy, Paris 7^e)

11-13. **Manufacturing Chemists' Assoc.**,
92nd annual, White Sulphur Springs, W.
Va. (MCA, 1825 Connecticut Ave., NW,
Washington, D.C.)

11-13. **Population Assoc. of America**,
San Francisco, Calif. (P. C. Glick, Bureau
of Census, Washington, D.C. 20233)

13-19. **Medical Film Festival**, Helsinki,
Finland. (W. M. A.-Film Finmedicas,
Ullanlinnankatu 1, Helsinki)

13-19. **World Medical Assoc.**, 18th
general assembly, Helsinki, Finland. (H. S.
Gear, 10 Columbus Circle, New York,
N.Y. 10019)

14-17. **American Assoc. of Feed Mi-
croscopists**, 12th annual, Hot Springs, Ark.
(G. M. Barnhart, Missouri Dept. of Agri-
culture, State Office Bldg., Jefferson City)

14-17. **American Nuclear Soc.**, 10th an-
nual, Philadelphia, Pa. (O. J. DuTemple,
244 E. Ogden Ave., Hinsdale, Ill. 60502)

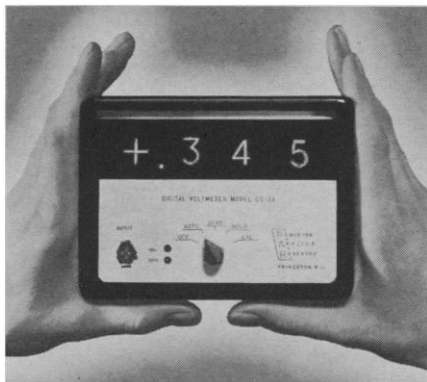
14-18. **Industrial Pharmaceutical Re-
search**, 6th natl. conf., Land O'Lakes, Wis.
(L. W. Busse, 190 Pharmacy Bldg., Univ.
of Wisconsin, Madison 6)

14-18. **Health Physics Soc.**, 9th annual,
Cincinnati, Ohio. (H. F. Kolde, Taft Sani-
tary Engineering Center, Cincinnati)

14-19. **Alpha Chi Sigma** Fraternity,
Greenvale, L.I., N.Y. (M. L. Griffin, 5503
E. Washington St., Indianapolis, Ind.)

14-19. **Cardiology**, 7th inter-American
congr., Montreal, P.Q., Canada. (The Con-
gress, 2052 St. Catherine St., W., Mon-
treal 2.5)

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14-20. National Speleological Soc., annual conv., New Braunfels, Tex. (J. H. Estes, 2818 S. 39 St., Abilene, Tex. 79605)

15-16. Association for Applied Gnotobiotics, 4th symp., East Lansing, Mich. (C. K. Whitehair, Dept. of Pathology, Michigan State Univ., East Lansing)

15-17. Lattice Defects in Quenched Metals, intern. conf., Argonne, Ill. (The Conference, Bldg. 212, Argonne Natl. Laboratory, Argonne)

15-17. Institute of Navigation, 20th annual, New York, N.Y. (P. Rosenberg, 330 Fifth Ave., Pelham, N.Y. 10803)

15-17. American Neurological Assoc., 89th annual, Atlantic City, N.J. (M. D. Yahr, 710 West 168 St., New York, N.Y.)

15-18. American Soc. of Limnology and Oceanography, 27th annual, Miami Beach, Fla. (G. H. Lauff, ASLO, Sapelo Island Research Foundation, Sapelo Island, Ga.)

15-18. Materials, 2nd intern. symp., Berkeley, Calif. (T. H. Chenoweth, 276 Hearst Mining Bldg., Univ. of California, Berkeley 94720)

15-19. Antibiotics, intern. congr., Prague, Czechoslovakia. (V. Vlôek, Antibiotics Research Inst., Roztoky near Prague)

15-19. Molecular Spectroscopy, symp., Columbus, Ohio. (H. H. Nielsen, Dept. of Physics, Ohio State Univ., 174 W. 18 Ave., Columbus 43210)

15-19. Technical Writers, 12th annual inst., Troy, N.Y. (J. R. Gould, Rensselaer Polytechnic Inst., Troy)

15-21. Women Engineers and Scientists, 1st intern. conf., New York, N.Y. (E. Eaves, 18 Third Ave., Port Washington, N.Y. 11050)

15-3. Relativity, teaching at undergraduate level, Arlington, Tex. (J. Ellis, Dept. of Physics, Arlington State College, Arlington)

15-4 Sept. Gordon Research Conf., New Hampshire. (W. G. Parks, Dept. of Chemistry, Univ. of Rhode Island, Kingston)

16-17. Computer Augmentation of Human Reasoning, symp., Washington, D.C. (W. D. Orr, TRW Computer Div., 8433 Fallbrook Ave., Canoga Park, Calif.)

16-18. Entomological Soc. of America, Pacific Branch, annual, Long Beach, Calif. (W. W. Allen, 112 Agric. Hall, Dept. of Entomology, Univ. of California, Berkeley)

17-19. Microscopy, 11th intern. symp., Chicago, Ill. (MICRO-64, McCrone Research Inst., 451 E. 31 St., Chicago 60616)

17-20. American College of Angiology, Las Vegas, Nev. (A. Halpern, 11 Hampton Court, Great Neck, N.Y.)

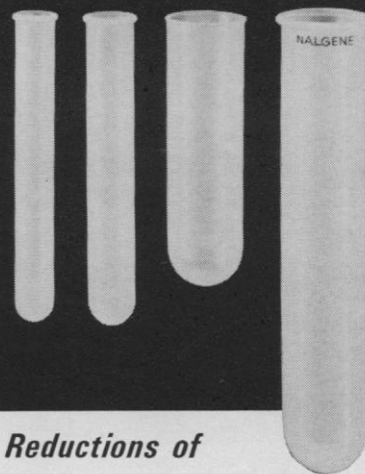
17-20. International Assoc. for the Study of the Bronchi, 14th congr., Vienna, Austria. (Secretariat, The Congress, c/o Wiener Medizinische Akademie für Arztliche Fortbildung, Aslerstr. 4, Vienna 9)

18-19. Patent, Trademark, and Copyright Research Inst., 8th annual conf., George Washington Univ., Washington, D.C. (PTCR Inst., George Washington Univ., Washington, D.C. 20006)

18-19. American Rheumatism Assoc., San Francisco, Calif. (J. A. Coss, Jr., 20 E. 76 St., New York, N.Y. 10021)

18-20. Community Psychiatry, conf., Univ. of Wisconsin, Madison. (L. M.

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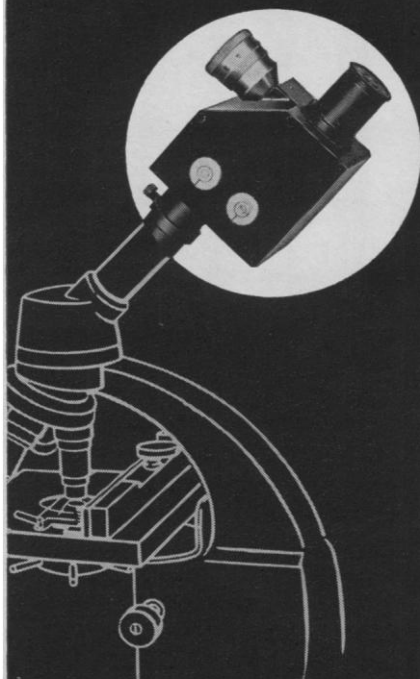
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Roberts, 1300 University Ave., Madison)
18-20. **Endocrine Soc.**, San Francisco, Calif. (H. H. Turner, 200 N. Walker, Oklahoma City, Okla.)

18-20. **American Assoc. of Physics Teachers**, summer meeting, Madison, Wis. (H. R. Crane, Dept. of Physics, Univ. of Michigan, Ann Arbor)

18-20. **Space Technology**, 4th European symp., Rome, Italy. (A. Eula, Associazione Italiana Razzi, Piazza Santo Bernardo 101, Rome)

18-20. **Sulfite Pulping**, conf., Chicago, Ill. (Technical Assoc. of the Pulp and Paper Industry, 360 Lexington Ave., New York, N.Y. 10017)

18-22. **American College of Chest Physicians**, San Francisco, Calif. (M. Kornfeld, 112 E. Chestnut, Chicago, Ill.)

19. **Parenteral Drug Assoc.**, Philadelphia, Pa. (The Association, Broad and Chestnut Sts., Philadelphia 7)

19-20. **American Geriatrics Soc.**, 21st annual, San Francisco, Calif. (AGS, 10 Columbus Circle, New York, N.Y. 10019)

19-27. **Chemical Engineering**, European conv., Frankfurt am Main, Germany (Chicago Section, American Chemical Soc., 86 E. Randolph St., Chicago 1, Ill.)

21. **Surface Physics**, Providence, R.I. (W. H. Brattain, Bell Telephone Laboratories, Murray Hill, N.J. 17971)

21-23. **Society for Investigative Dermatology**, 25th annual, San Francisco, Calif. (H. Beerman, SID, 255 S. 17 St., Philadelphia, Pa. 19103)

21-24. **American Soc. of Agricultural Engineers**, Fort Collins, Colo. (J. L. Butt, ASAE, 420 Main St., St. Joseph, Mich.)

21-25. **Air Pollution Control Assoc.**, 57th annual, Houston, Tex. (The Association, 4400 Fifth Ave., Pittsburgh, Pa.)

21-25. **American Medical Assoc.**, San Francisco, Calif. (F. J. L. Blasingame, N. Dearborn, Chicago, Ill. 60610)

21-26. **American Soc. for Testing and Materials**, 67th annual, Chicago, Ill. (ASTM, 1916 Race St., Philadelphia 3, Pa.)

22-24. **American Dairy Science Assoc.**, Tucson, Ariz. (H. F. Judkins, 32 Ridgeway Circle, White Plains, N.Y.)

22-24. **Medicinal Chemistry**, 9th natl. symp., Minneapolis, Minn. (A. T. Winstead, American Chemical Soc., 1155 16th St., NW, Washington, D.C. 20006)

22-24. **Association for Research in Ophthalmology**, San Francisco, Calif. (H. Kaufman, c/o Hillis Miller Health Center, Gainesville, Fla.)

22-24. **Photosensitization in Solids**, intern. conf., Chicago, Ill. (L. Grossweiner, Dept. of Physics, Illinois Inst. of Technology, Chicago)

22-24. **American Assoc. of Physical Anthropologists**, 33rd annual, Mexico City, Mexico. (T. D. Stewart, The Association, U.S. Natl. Museum, Washington, D.C.)

22-24. **Polymers**, 2nd biennial symp., American Chemical Soc., Durham, N.C. (H. N. Friedlander, Chemstrand Research Center, Inc., Box 731, Durham)

22-25. **Agricultural Pesticides Technical Soc.**, Fredericton, N.B., Canada. (W. H. Minshall, University Substation P.O., London, Ont., Canada)

22-25. **American Soc. of Pharmacognosy**, annual, Pittsburgh, Pa. (R. Blomster,

Univ. of Pittsburgh School of Pharmacy, Pittsburgh 15213)

22-26. **American Soc. for Engineering Education**, Orono, Maine. (W. L. Collins, Univ. of Illinois, Urbana)

22-26. **Nobel Prize Winners**, 14th meeting, Lindau im Bodensee, Germany. (H. F. Kinderlen, Standing Working Committee for the Nobel Prize Winners, Postfach 11, 899 Lindau im Bodensee)

22-26. **Association of Official Seed Analysts**, Rochester, N.Y. (E. W. Sundermeyer, 329 U.S. Court House, Kansas City 6, Mo.)

22-27. **AAAS Pacific Division**, 45th meeting, Vancouver, B.C., Canada. (R. C. Miller, California Acad. of Sciences, San Francisco)

22-27. **International Organization for Pure and Applied Physics**, 2nd general assembly, Paris, France. (J. Tonnelot, Laboratoire de Biologie Physico-Chimique, Orsay, Seine-et-Oise, France)

23. **National Assoc. of Science Writers**, San Francisco, Calif. (M. D. Spencer, Buffalo Evening News, Buffalo, N.Y.)

23-25. **Precision Electromagnetic Measurements**, conf., Boulder, Colo. (National Bureau of Standards, Boulder Labs., Boulder)

23-26. **American Home Economics Assoc.**, 55th annual, Detroit, Mich. (AHEA, 1600 20th St. NW, Washington, D.C.)

24-25. **Computers and Data Processing**, 11th annual, symp., Estes Park, Colo. (W. H. Eichelberger, Denver Research Inst., Univ. of Denver, Denver, Colo. 80210)

24-26. **Joint Automatic Control Conf.**, Stanford, Calif. (L. Zadeh, Univ. of California, Berkeley)

24-28. **American Assoc. of Bioanalysts**, annual, Las Vegas, Nev. (W. N. Reich, AAB, P.O. Box 607, Walnut Creek, Calif.)

24-1. **Air Pollution**, European conf., Strasbourg, Austria. (A. Stern, Div. of Air Pollution, U.S. Public Health Service, Washington, D.C. 20201)

25-26. **Fundamental Phenomena in Hypersonic Flow**, intern. symp., Buffalo, N.Y. (H. S. Tolley, Cornell Aeronautical Laboratory, P.O. Box 235, Buffalo 14221)

25-27. **American Physical Soc.**, Denver, Colo. (R. G. Sachs, Sterling Hall, Univ. of Wisconsin, Madison 53706)

25-28. **Rockets and Space Flight**, 13th symp., Darmstadt, Germany. (A. F. Staats, Hermann-Oberth-Gesellschaft, Fritz-Beindorff-Allee 9, Hanover, Germany)

28-4. **American Library Assoc.**, St. Louis, Mo. (D. H. Clift, 50. E. Huron St., Chicago, Ill.)

29-30. **Vacuum Metallurgy**, conf., New York, N.Y. (M. A. Cocca, General Electric Laboratory, P.O. Box 1088, Schenectady, N.Y.)

29-1. **American Soc. of Heating, Refrigerating, and Air-Conditioning Engineers**, 71st annual, Cleveland, Ohio. (ASHRAE, 345 E. 47 St., New York, N.Y.)

29-1. **Effects of Radiation on the Hereditary Fitness of Mammalian Populations**, symp., Bar Harbor, Maine. (T. H. Roderick, Jackson Laboratory, Bar Harbor)

29-2. **American Inst. of Aeronautics and Astronautics**, 1st annual, Washington, D.C. (AIAA, 500 Fifth Ave., New York, N.Y. 10036)