

Scientific Meetings

Council for International Organizations of Medical Sciences

Biologists from nine countries who attended a meeting convened in Paris by the Council for International Organizations of Medical Sciences at the request of UNESCO have submitted to UNESCO's Director-General a plan of action to encourage international or regional research on normal and abnormal cell growth. The meeting recommended in particular that an international committee be formed to collect information on research now in progress in this field, pointing out that UNESCO could perform valuable services to current research through such clearing-house facilities. The biologists asked UNESCO to pay special attention to research on the frequency of different types of diseases, according to regions.

They further recommended the organization of meetings, the award of fellowships for scientists, and the institution of special training courses on a regional basis on such subjects as tissue culture techniques and the use of special instruments. They asked that UNESCO study the need for an institute in Europe to raise inbred strains of laboratory animals.

Problems of growth, multiplication, and differentiation of cells are at the root of life, both animal and vegetable, it was pointed out. While the research program under consideration is intended to investigate only the fundamental processes of the cell, this research may also shed light on certain abnormalities such as cancer.

The meeting lasted from 12 to 16 Dec. and was attended by representatives from the following countries: Belgium, France, Germany, India, Israel, the Netherlands, Sweden, United Kingdom, and United States. This country's delegate was H. L. Stewart of the National Cancer Institute, Bethesda, Md.

Meeting Notes

■ The American Orthopsychiatric Association will hold its 33rd annual meeting at the Commodore and Roosevelt hotels in New York, 15–17 Mar. Orthopsychi-

atric theory and practice in five broad fields will be presented in approximately 65 papers by representatives of the wide range of professional disciplines in the field of orthopsychiatry. These broad fields include: schools and mental health; in-patient and out-patient psychiatric treatment of children; adolescence and juvenile delinquency; psychiatric clinic management; and adult psychotherapy. The opening presidential session will have as its keynote the "Challenge to orthopsychiatry; perspectives for the profession, for the community, and scientific and moral perspectives."

Twenty workshop sessions, with limited attendance provided for by advance registration, will offer opportunity for active participation of those attending. Selected mental health films will be shown for 2 days of the meeting. Technical and commercial exhibits related to the field will be on display. Inquiries about the program, reservations, exhibits, and other matters should be directed to Dr. Marion F. Langer, American Orthopsychiatric Association, 1790 Broadway, New York 19.

■ The sixth International Symposium on Combustion will take place at Yale University, 19 to 24 Aug. This is the first of these symposia to be held under the auspices of the new permanent organization, the Combustion Institute. All scientists and engineers interested in combustion and its applications are invited to participate.

Combustion in its broadest concept will be the theme of the symposium. Because of the accelerating growth of the field, the following comprehensive agenda is being considered: evaporation and combustion of droplets and fuel sprays; flammability, ignition, and quenching; structure and propagation of laminar flames; structure and propagation of turbulent flames; high-speed reactions, including detonation and shock-tube investigations; flame stabilization in fast streams; combustion of solid fuels; combustion of explosives and solid propellants; instability in combustion chambers; experimental and analytic techniques in combustion research, including optical methods, high-temperature measurement, fast-response instrumentation,

and laws of similitude; safety and performance criteria in the design of combustion test facilities; applications of combustion, including combustion in reciprocating engines, combustion in gas turbines, chemical syntheses via combustion, physical processing via combustion, and fire extinguishing.

The papers sought are those containing new data, advances in theory and theoretical concepts, or new principles of engineering applications. Of the contributed papers, a certain fraction will be selected for actual presentation. Other contributed papers that are accepted will be read by title and published in the final volume.

To help communication between the authors and the audience, several new methods of presentation and discussion will be tried. Authors are requested to be governed by the following deadlines: titles, in triplicate, at any time; abstracts, in triplicate, 1 Mar.; papers, in triplicate, 1 May. For further information write to: The Combustion Institute, 200 Alcoa Bldg., Pittsburgh 19, Pa.

■ A symposium on Molecular Structure and Spectroscopy will be held in the department of physics and astronomy of Ohio State University 11–15 June. There will be discussion of the interpretation of molecular spectroscopic data as well as of methods for obtaining such data. In addition, there will be sessions devoted to the phases of spectroscopy that are of current interest.

A dormitory will be available for those who wish to reside on the campus during the meeting. For further information, or for a copy of the program when it becomes available, write to Prof. H. H. Nielsen, Department of Physics and Astronomy, Ohio State University, Columbus 10, Ohio.

The Joint Commission on Spectroscopy of the International Union of Pure and Applied Physics and the International Astronomical Union will meet in Columbus concurrently with the symposium.

■ The first International Congress of Developmental Biology will be held at Brown University, Providence, R.I., 23–26 July. It is sponsored by the International Institute of Embryology, which is a section of the International Union of Biological Sciences. The section will hold its triennial assembly at the time of the congress.

The organizing committee of the congress (Paul Weiss, chairman, and E. G. Butler, George W. Corner, Louis B. Flexner, J. S. Nicholas, B. H. Willier and J. Walter Wilson) has scheduled a program that includes two concurrent invitational symposia: "Regeneration in vertebrates" (organized by E. G. But-

ler); and "Embryonic nutrient requirements" (organized by J. S. Nicholas).

A day and a half will be given to the delivery of free papers by fellows and members of the IIE and by introduced speakers. Each member of the IIE may read a paper from the platform. Each fellow will be allowed two papers, one or both of which he may yield in favor of a speaker to be introduced by him.

The congress will be followed by a Symposium on Cyto differentiation, sponsored by IUBS, 27-31 July. Active participation in this conference will be limited essentially to the members of the invited panel; the sessions, however, will be open to all registrants of the congress.

The registration fee for the congress will be \$5. Brown University has offered the facilities of its new dormitories and dining halls for the accommodation of the participants at a flat rate of \$7 per day for room and board to those who remain for the duration of the congress or the symposium or both. Applications for accommodations as well as inquiries about local arrangements should be sent to Prof. J. Walter Wilson, Department of Biology, Brown University, Providence, R.I.

Society Elections

■ New York Academy of Sciences: pres., Walter S. Root, Columbia University; pres.-elect, Ross F. Nigrelli, New York Zoological Park; cor. sec., Frederick C. Nachod, Sterling-Winthrop Research Institute, Rensselaer, N.Y.; rec. sec., Charles W. Mushett, Merck Institute for Therapeutic Research, Rahway, N.J.; treas., Richard O. Roblin, American Cyanamid Company, New York. The vice presidents are E. J. Kempf, Wading River, N.Y., and Boris Pregel, Canadian Radium and Uranium Corporation, New York.

■ AAAS, Southeast Branch, Alaska Division: pres., Donald Burrus, Alaska Native Arts and Crafts, Inc., Juneau; v. pres., Rosemary Allen, Alaska Territorial Museum, Juneau; sec.-treas., Leo M. Thompson, P.O. Box 2211, Juneau.

■ Kentucky Academy of Science: pres., J. G. Black, Eastern Kentucky State College; pres.-elect., A. M. Wolfson, Murray State College; v. pres., Phil Miles, Kentucky Agricultural and Industrial Board; sec., Mary E. Wharton, Georgetown College; treas., R. A. Chapman, University of Kentucky. Representative to the AAAS Council is A. R. Middleton.

■ Phi Tau Sigma: pres., William B. Esselen, University of Massachusetts; v. pres., Carl S. Pederson, Cornell University; sec.-treas., Jean Caul, Arthur D. Little Co.

■ Ecological Society of America: pres., Henry J. Oosting; v. pres., W. Frank Blair; sec., John F. Reed, University of Wyoming; treas., Alexander C. Hodson. Representatives to the AAAS Council are William Hamilton and Murray F. Buell.

■ Society of American Foresters: pres., DeWitt Nelson, California Department of Natural Resources, Sacramento; v. pres., George A. Garratt, Yale University; exec. sec., Henry Clepper, 425 Mills Bldg., 17th St. at Pennsylvania Ave. NW, Washington 6, D.C.

■ Society of Rheology: pres., F. D., Dexter, Bakelite Company, Bound Brook, N.J.; 1st v. pres., J. H. Dillon, Textile Research Institute, Princeton, N.J.; 2nd v. pres., J. H. Elliott, Hercules Powder Company, Wilmington, Del.; sec.-treas., W. R. Willems, Titanium Pigment Corporation, 99 Hudson St., New York 13. Representative to the AAAS Council is R. S. Spencer.

■ Sigma Delta Epsilon: pres., Mary Gojdics, Barat College; 1st v. pres., Irene Cory Diller, Institute for Cancer Research; 2nd v. pres., Mary Louise Robbins, George Washington University; sec., Helen Borton Parker, Lloyd Rd., R.D. 2, Malvern, Pa.; treas., Teresa Cohen, Pennsylvania State University. Representatives to the AAAS Council are Mildred Daniels Southwick and Emily T. Wolff.

Forthcoming Events

February

19-23. American Inst. of Mining and Metallurgical Engineers, New York, N.Y. (E. O. Kirkendall, AIME, 29 W. 39 St., New York 18.)

19-23. Soc. of Economic Geologists, New York, N.Y. (O. N. Rove, Union Carbide and Carbon Corp., New York 17.)

20-22. American Educational Research Assoc., annual, Atlantic City, N.J. (F. W. Hubbard, AERA, 1201 16 St., NW, Washington 6.)

23-25. National Soc. of College Teachers of Education, Chicago, Ill. (C. A. Eggertsen, School of Education, Univ. of Michigan, Ann Arbor.)

24-25. American Physical Soc. Houston, Tex. (K. K. Darrow, APS, Columbia Univ., New York 27.)

26-29. American Inst. of Chemical Engineers, Los Angeles, Calif. (F. J. Van Antwerpen, AIChE, 25 W. 45 St., New York 36.)

28-29. Scintillation Counter Symposium, 5th, Washington, D.C. (G. A. Morton, RCA Laboratories, Princeton, N.J.)

March

2-4. National Wildlife Federation, New Orleans, La. (C. H. Callison, 232 Carroll St., NW, Washington 12.)

3-4. National Conf. and Workshop on Radio and Television Weather Presenta-

tion sponsored by American Meteorological Soc., Hartford, Conn. (K. C. Spengler, 3 Joy St., Boston 8, Mass.)

9-10. Midwest Conf. on Theoretical Physics, Iowa City, Iowa. (J. M. Jauch, Dept. of Physics, State Univ. of Iowa, Iowa City.)

12-16. National Assoc. of Corrosion Engineers, 12th annual, New York, N. Y. (Secretary, NACE, Southern Standard Bldg., Houston 2, Tex.)

14-17. National Science Teachers Assoc., Washington, D.C. (R. H. Carleton, NSTA, 1201 16 St., NW, Washington 6.)

15-16. Food Physics Symposium, 1st international, San Antonio, Tex. (C. W. Smith, Southwest Research Inst., San Antonio.)

15-17. American Orthopsychiatric Assoc., 33rd annual, New York, N.Y. (M. F. Langer, AOA, 1790 Broadway, New York 19.)

15-17. American Physical Soc., Pittsburgh, Pa. (K. K. Darrow, APS, Columbia Univ., New York 27.)

15-17. Kappa Delta Pi, annual, Stillwater, Okla. (E. I. F. Williams, 238 E. Perry St., Tiffin, Ohio.)

16-18. International Assoc. for Dental Research, St. Louis, Mo. (D. Y. Burrill, 129 E. Broadway, Louisville 2, Ky.)

17-18. National Soc. of Professional Engineers, annual spring, Washington, D.C. (K. E. Trombley, NSPE, 1121 15 St., NW, Washington 5.)

18-24. American Soc. of Photogrammetry, annual, joint meeting with American Cong. on Surveying and Mapping, Washington, D.C. (ACSM-ASP, Box 470, Washington 4.)

19-21. Div. of Fluid Dynamics, American Physical Soc., Pasadena, Calif. (F. N. Frenkiel, Applied Physics Lab., Johns Hopkins Univ., 8621 Georgia Ave., Silver Spring, Md.)

19-22. American Acad. of General Practice Scientific Assembly, 8th annual, Washington, D.C. (AAGP, Broadway at 34th, Kansas City 11, Mo.)

19-22. Inst. of Radio Engineers National Convention, New York. (E. K. Gammett, IRE, 1 E. 79 St., New York 21.)

19-23. American Soc. of Tool Engineers, Chicago, Ill. (H. C. Miller, Armour Research Foundation, 35 W. 33 St., Chicago 16.)

21-22. National Health Forum, New York, N.Y. (T. G. Klumpp, National Health Council, 1790 Broadway, New York 19.)

21-23. American Power Conf., 18th annual, Chicago, Ill. (R. A. Budenholzer, Illinois Inst. of Technology, Chicago 16.)

21-24. American Astronomical Soc. Columbus, Ohio. (J. A. Hynek, McMillin Observatory, Ohio State Univ., Columbus.)

23-24. Eastern Psychological Assoc., Atlantic City, N.J. (G. G. Lane, Univ. of Delaware, Newark.)

24-25. American Psychosomatic Soc., 13th annual, Boston, Mass. (T. Lidz, APS, 551 Madison Ave., New York 22.)

24-31. Perspectives in Marine Biology, La Jolla, Calif. (A. A. Buzzati-Traverso, Scripps Institution of Oceanography, La Jolla.)

25-28. American Assoc. of Dental Schools, annual, St. Louis, Mo. (M. W.

McCrea, 42 S. Greene St., Baltimore 1, Md.)

25-29. American College Personnel Assoc., Washington, D.C. (Miss C. M. Northrup, Univ. of Denver, Denver, Colo.)

28-3. Colloquium on Frontiers in Physical Optics, Boston, Mass. (S. S. Ballard, Visibility Laboratory, Scripps Institution of Oceanography, San Diego 52, Calif.)

29-31. Pennsylvania Acad. of Science, Indiana. (K. Dearolf, Public Museum and Art Gallery, Reading, Pa.)

29-31. Southern Soc. for Philosophy and Psychology, Asheville, N.C. (J. E. Moore, Georgia Inst. of Technology, Atlanta.)

29-31. Symposium on Fundamental Cancer Research, 10th annual, Houston, Tex. (G. Taylor, Univ. of Texas Postgraduate School of Medicine, Houston 25.)

30-31. Alabama Acad. of Science, annual, Montevallo. (H. A. McCullough, Howard College, Birmingham, Ala.)

April

2-5. Assoc. of American Geographers, annual, Montreal, Canada. (B. W. Adkinson, Library of Congress, Washington 25.)

2-7. Symposium on Crystallography, Madrid, Spain. (M. Abbad, Serrano 118, Madrid.)

3. Microcirculatory Conf., 3rd, Milwaukee, Wis. (G. P. Fulton, Dept. of Biology, Boston Univ., 675 Commonwealth Ave., Boston 15, Mass.)

3-9. International Symposium on Macromolecular Chemistry, Rehovoth, Jerusalem, and Haifa, Israel. (A. Katchalsky, Weizmann Inst. of Science, Rehovoth.)

4-6. American Assoc. of Anatomists, annual, Milwaukee, Wis. (N. L. Hoerr, 2109 Adelbert Rd., Cleveland 6, Ohio.)

4-7. International Cong. of Medical Radiography, 2nd, Paris. (The Congress, Via Nazionale 200, Rome, Italy.)

5-6. Conf. on Magnetic Amplifiers, Syracuse, N.Y. (C. A. Priest, 314 Hurlburt Rd., Syracuse 3.)

5-7. Optical Soc. of America, Philadelphia, Pa. (A. C. Hardy, Room 8-203, Massachusetts Inst. of Technology, Cambridge 39.)

6-7. American Assoc. of University Professors, St. Louis, Mo. (R. E. Himstead, AAUP, 1785 Massachusetts Ave., NW, Washington 6.)

6-7. National Speleological Soc., Nashville, Tenn. (Mrs. L. Cutler, 2829 Buchanan St., Arlington 6, Va.)

6-8. American Assoc. of Physical Anthropologists, Chicago, Ill. (J. L. Angel, Daniel Baugh Inst. of Anatomy, Jefferson Medical College, Philadelphia 7, Pa.)

7-8. American Soc. of Hospital Pharmacists, Detroit, Mich. (Miss G. Niemeyer, 2215 Constitution Ave., NW, Washington 7.)

8. American College of Apothecaries, Detroit, Mich. (R. E. Abrams, Hamilton Court, Philadelphia 4, Pa.)

8-10. American Assoc. of Colleges of Pharmacy, Detroit, Mich. (R. A. Deno, College of Pharmacy, Univ. of Michigan, Ann Arbor.)

8-13. American Chemical Soc., Dallas, Tex. (A. H. Emery, ACS, 1155 16 St., NW, Washington 6.)

8-13. American Pharmaceutical Assoc., annual, Detroit, Mich. (R. P. Fischelis, APA, 2215 Constitution Ave., NW, Washington 7.)

9-11. American Assoc. of Feed Microscopists, annual, Terre Haute, Ind. (R. C. Wornick, Agricultural Research Dept., Chas. Pfizer & Co., Inc., Terre Haute.)

9-12. International Anesthesia Research Soc., 30th annual cong., Miami Beach, Fla. (R. J. Whiteacre, 13951 Terrace Rd., Cleveland 12, Ohio.)

10-11. Symposium for Management on Applications of Analog Computers, Kansas City, Mo. (O. Fanning, Midwest Research Inst., 425 Volker Blvd., Kansas City 10.)

14. South Carolina Acad. of Science, annual, Clemson, S.C. (H. W. Freeman, Univ. of South Carolina, Columbia.)

15-16. American Soc. for Artificial Internal Organs, Atlantic City, N.J. (P. F. Salisbury, Cedars of Lebanon Hospital, 4751 Fountain Ave., Los Angeles 29, Calif.)

15-20. American Soc. for Pharmacology and Experimental Therapeutics, Atlantic City, N.J. (C. C. Pfeiffer, Emory Univ. School of Medicine, Emory University, Ga.)

15-21. American Inst. of Nutrition, Atlantic City, N.J. (R. W. Engel, Virginia Polytechnic Inst., Blacksburg.)

15-21. American Physiological Soc., Atlantic City, N.J. (M. O. Lee, 9650 Wisconsin Ave., NW, Washington 14.)

15-21. American Soc. for Experimental Pathology, annual, Atlantic City, N.J. (C. C. Erickson, 858 Madison Ave., Memphis, Tenn.)

15-21. Federation of American Societies for Experimental Biology, Atlantic City, N.J. (M. O. Lee, 9650 Wisconsin Ave., NW, Washington 14.)

16-18. Aero Medical Assoc., 27th annual, Chicago, Ill. (J. P. Marbarger, Aeromedical and Physical Environment Lab., Univ. of Illinois, Chicago.)

16-19. Conf. on Communication of Information by Workers Studying Sounds of Biological Significance, University Park, Pa. (H. Frings, Dept. of Zoology and Entomology, Pennsylvania State Univ., University Park.)

16-20. American Assoc. of Immunologists, Atlantic City, N.J. (F. S. Cheever, Graduate School of Public Health, Univ. of Pittsburgh, Pittsburgh 13, Pa.)

16-20. American Soc. of Biological Chemists, Atlantic City, N.J. (P. Handler, Dept. of Biochemistry, Duke Univ., Durham, N.C.)

18-20. American College of Allergists, 12th annual, New York, N.Y. (F. W. Wittich, 401 La Salle Bldg., Minneapolis 2, Minn.)

18-19. National Industrial Research Conf., Chicago, Ill. (J. J. Kowal, Armour Research Foundation, Illinois Inst. of Technology, 10 W. 35 St., Chicago, 16.)

19-21. Assoc. of Southeastern Biologists, Durham, N.C. (J. C. Dickinson, Univ. of Florida, Gainesville.)

19-21. Ohio Acad. of Science, 65th annual, Springfield. (R. W. Dexter, Kent State Univ., Kent, Ohio.)

20-21. Iowa Acad. of Science, Grinnell. (J. L. Laffoon, Iowa State College, Ames.)

20-21. Nebraska Acad. of Science, 66th annual, Lincoln. (M. Beckmann, Univ. of Nebraska, Lincoln.)

22-26. American Ceramic Soc., 58th annual, New York, N.Y. (C. S. Pearce, 4055 N. High St., Columbus 14, Ohio.)

23-25. American Oil Chemists' Soc., 47th annual spring, Houston, Tex. (W. Argue, Anderson Clayton Co., Houston.)

23-25. National Acad. of Sciences, annual, Washington, D.C. (NAS, 2101 Constitution Ave., Washington 25.)

23-26. American Assoc. of Petroleum Geologists, annual, Chicago, Ill. (R. H. Dott, Box 979, Tulsa, Okla.)

23-26. International Acad. of Proctology, 8th annual teaching seminar, Chicago, Ill. (IAP, 147-41 Sanford Ave., Flushing, N.Y.)

24-25. International Acad. of Pathology, 45th annual, Cincinnati, Ohio. (F. K. Mostofi, Armed Forces Inst. of Pathology, Washington 25.)

24-27. American Industrial Hygiene Assoc., annual, Philadelphia, Pa. (G. D. Clayton, 14125 Prevost, Detroit 27, Mich.)

25-27. Symposium on Nonlinear Circuit Analysis, II, 6th international, New York, N.Y. (Polytechnic Inst. of Brooklyn, Microwave Research Inst., 55 Johnson St., Brooklyn 1, N.Y.)

26-28. American Assoc. of Pathologists and Bacteriologists, Cincinnati, Ohio. (E. A. Gall, Cincinnati General Hospital, Cincinnati 2.)

26-28. American Physical Soc., Washington, D.C. (K. K. Darrow, APS, Columbia Univ., New York 27.)

26-28. Kansas Acad. of Science, annual, Winfield. (C. T. Rogerson, Dept. of Botany, Kansas State College, Manhattan.)

26-29. American Psychoanalytic Assoc., Chicago, Ill. (J. N. McVeigh, 36 W. 44 St., New York 36.)

26-29. Wilson Ornithological Soc., Buffalo, N.Y. (P. B. Street, Rt. 1, Chester Springs, Pa.)

27-28. Colorado-Wyoming Acad. of Science, annual, Golden, Colo. (O. W. Olsen, Colorado A & M College, Fort Collins.)

28-5. International Conf. on Health Education, 3rd, Rome, Italy. (L. Viborel, International Union for Health Education of the Public, 92, rue Saint Denis, Paris, 1^{er}, France.)

29-3. Semiconductor Symposium of Electrochemical Soc., 4th annual, San Francisco, Calif. (J. W. Faust, Jr., Westinghouse Research Laboratories, Beulah Rd., Churchill Borough, Pittsburgh 35, Pa.)

29-3. Soc. of American Bacteriologists, annual, Houston, Tex. (J. H. Bailey, Sterling-Winthrop Research Inst., Rensselaer, N.Y.)

29-3. Southwestern and Rocky Mountain Div., AAAS, annual, Las Cruces, N.M. (F. E. E. Germann, Dept. of Chemistry, Univ. of Colorado, Boulder.)

29-4. Soc. of Motion Picture and Television Engineers, 79th, New York, N.Y. (SMPTE, 55 W. 42 St., New York 36.)

30-2. American Geophysical Union, annual, Washington, D.C. (W. E. Smith, AGU, 1530 P St., NW, Washington 5.)