

which is morally certain and accepted both by Eastern Orthodox churches and by the Catholic Church.

There is *nothing* in Catholic doctrine which is contrary to any scientific fact, nor can there be any such in the future.

J. KENNETH O'LOANE
331 Seneca Parkway,
Rochester, New York

References and Notes

1. M. E. Davis, *Science* **130**, 559 (1959).
2. W. M. Agar, *Catholicism and the Progress of Science* (Macmillan, New York, 1940), pp. 32-40.
3. J. B. Conant, *On Understanding Science* (Yale Univ. Press, New Haven, Conn., 1947); *Science and Common Sense* (Yale Univ. Press, New Haven, Conn., 1951).
4. C. S. Slichter, *Am. Scientist* **31**, 168 (1943) (one of the fairer treatments by a non-Catholic mathematician).
5. P. F. Palmer, *Mary in the Documents of the Church* (Newman, Westminster, Md., 1952), pp. 59-61; quotation from St. John Damascene's sermon, "On the falling asleep of the Mother of God" (8th century).
6. D. Pruemmer, *Birth Control* (Paulist Press, New York, 1933), p. 5.
7. *Four Great Encyclicals* (Paulist Press, New York), p. 92. The paragraph referred to is the third following the quotation given by Hoffman.
8. J. M. O'Neill, *Catholicism and American Freedom* (Harper, New York, 1952), p. 160.
9. J. R. Connery, *America* **101**, 250, 252 (1959); D. J. Bradley, *Catholic World* **189**, 250 (1959).
10. Editorial, *The Commonwealth* **60**, 333 (1954); A. M. Churchill, *ibid.*, **60**, 344 (1954); D. Lyons, *ibid.*, **60**, 438 (1954); W. J. Grace, *Catholic World* **183**, 406 (1956); R. H. Amundson, *ibid.*, **185**, 352 (1957).
11. Those who wish to know more of the reasons behind the Catholic Church's position on birth control may see J. L. Thomas, *Daedalus* **88**, 444 (1959); *Ave Maria* **91**, 5, 24 (1960); T. J. O'Donnell, *Morals in Medicine* (Newman, Westminster, Md., 1959).
12. J. H. Ryan, *An Introduction to Philosophy* (Macmillan, New York, 1924); J. Maritain, *An Introduction to Philosophy* (Sheed and Ward, New York); D. J. Sullivan, *An Introduction to Philosophy* (Bruce, Milwaukee, 1957); F. J. Sheed, *Theology and Sanity* (Sheed and Ward, New York, 1946).
13. For the positions of various schools of Catholic thought on the condition of the body after resurrection, see George G. Smith (Ed.), *The Teaching of the Catholic Church* (Macmillan, New York, 1950), vol. 2, pp. 1232-1247.

The publication of these letters marks the end of a series of comments on M. E. Davis' review of A. W. Sulloway's book, *Birth Control and Catholic Doctrine* [*Science* **130**, 559 (1959)].—ED.

Revolution by Committee?

Reading John W. Gardner's account of the life of Abraham Flexner [*Science* **131**, 594 (26 Feb. 1960)] I could not help but ask (as I'm sure many other readers asked): What would be the state of American medical education today had Pritchett appointed a *committee* to look into the matter 50 years ago?

GARRETT HARDIN
University of California (Santa Barbara), Goleta

Meetings

Clinical Scientists

The Association of Clinical Scientists, a recent affiliate of the AAAS, was organized in 1949 by a group of physicians and scientists working in various fields of laboratory medicine. During the early years the group held frequent informal meetings at the laboratories of its members and arranged a number of symposiums, workshops, and seminars on methodology in clinical chemistry which were held in the United States, Great Britain, and Puerto Rico. Until 1956, the association was called the Clinical Science Club. By 1956 the scope of activities of the Clinical Science Club had expanded, as had its membership, and it was then decided to incorporate the group as the Association of Clinical Scientists. The association received a charter from the state of Pennsylvania on 1 March 1957 as a nonprofit scientific organization. The objectives of the association, as outlined in the constitution, are as follows: (i) to promote education and research in clinical science by practical methods; (ii) to maintain and improve the accuracy of measurements in clinical laboratories and to promote uniformity in clinical laboratory procedures; (iii) to encourage cooperation between physician and nonphysician groups concerned with the application of scientific methods to medical practice; and (iv) to support the principles and ethics of the field of medicine and of its constituent basic sciences.

The association holds scientific meetings in the spring and fall. The spring meeting is held in either March or April and is devoted to the presentation of scientific papers by members and invited guests and to visiting clinical and research laboratories. The fall meeting is held in either October or November and is devoted to the presentation of an applied seminar in clinical science. In addition, informal dinner meetings of the association are held periodically in conjunction with international medical congresses and national scientific conventions.

ROBERT P. MACFATE
323 Northwood Road, Riverside, Illinois

Forthcoming Events

May

1-5. AAAS Southwestern and Rocky Mountain Div., Alpine, Tex. (M. G. Anderson, New Mexico College of Agriculture and Mechanical Arts, P.O. Box 97, University Park)

2. American Federation for Clinical Research, Atlantic City, N.J. (J. E. Bryan, 250 W. 57 St., New York 19)

2-3. Reactions between Complex Nuclei, 2nd conf., Gatlinburg, Tenn. (R. S. Livingston, Oak Ridge Natl. Laboratory, Oak Ridge, Tenn.)

2-4. Aeronautical Electronics, conf., Dayton, Ohio. (L. G. Cumming, IRE, 1 E. 79 St., New York 21)

2-5. Flight Test Symp., natl., San Diego, Calif. (H. S. Kindler, Instrument Soc. of America, 313 Sixth Ave., Pittsburgh 22)

2-11. International Cancer Cytology conf., Mexico, D.F., Mexico. (Office of Intern. Conferences, Department of State, Washington 25)

2-11. Pan American Medical Assoc., cong., Mexico City, Mexico. (J. J. Eller, 745 Fifth Ave., New York 22)

3-4. Association of American Physicians, Atlantic City, N.J. (P. B. Beeson, Yale Univ. School of Medicine, New Haven 11, Conn.)

3-4. Conference of Veterinarians, annual, Philadelphia, Pa. (W. H. Rhodes, School of Veterinary Medicine, Univ. of Pennsylvania, Philadelphia 4)

3-5. Society of Pediatric Research, Swampscott, Mass. (C. D. West, Children's Hospital, Cincinnati 29, Ohio)

3-6. Fuel Element Fabrication, symp., Vienna, Austria. (Intern. Atomic Energy Agency, 11 Kärntner Ring, Vienna)

5-6. American Pediatric Soc., annual, Swampscott, Mass. (A. C. McGuinness, 2800 Quebec St., NW, Washington 8)

5-8. Wilson Ornithological Soc., Gatlinburg, Tenn. (A. M. Bagg, Farm St., Dover, Mass.)

6-7. Minnesota Acad. of Science, St. Cloud. (J. P. Emanuel, Winona State College, Winona, Minn.)

6-7. North Carolina Acad. of Science, Greensboro. (J. A. Yarbrough, Meredith College, Raleigh, N.C.)

6-7. North Dakota Acad. of Science, annual, Fargo. (B. G. Gustafson, Box 573, University Station, Grand Forks, N.D.)

6-7. Population Assoc. of America, annual, Washington, D.C. (K. B. Mayer, Dept. of Sociology and Anthropology, Brown Univ., Providence 12, R.I.)

6-7. South Dakota Acad. of Science, 45th annual, Brookings. (J. M. Winter, Dept. of Botany, Univ. of South Dakota, Vermillion)

6-8. International Cong. of Phlebology, 1st, Chambéry, France. (J. Marmasse, 3, rue de la République, Orléans, France)

6-9. American Psychoanalytic Assoc., annual, Atlantic City, N.J. (Mrs. H. Fischer, 36 W. 44 St., New York 36)

7-8. Academy of Psychoanalysis, annual, Atlantic City, N.J. (M. Ross, American Psychiatric Assoc., 1700 18 St., NW, Washington 9)

9. American Acad. of Child Psychiatry, annual, Atlantic City, N.J. (M. Ross, American Psychiatric Assoc., 1700 18 St., NW, Washington 9)

9-10. American Soc. of Safety Engineers, Chicago, Ill. (A. C. Blackman, ASSE, 5 N. Wabash Ave., Chicago 2)

9-11. Aerospace Medical Assoc. 31st annual, Bal Harbour, Fla. (W. J. Kennard, AMA, Washington Natl. Airport, Washington 1)

9-11. Power Instrumentation, 3rd natl. symp., San Francisco, Calif. (H. S. Kindler, Instrument Soc. of America, 13 Sixth Ave., Pittsburgh 22, Pa.)