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Talks to be given:

13. (9:00 A.M.) "Histophysical Studies on Bone Cells and Bone Resorption," by Richard W. Young, School of Medicine, University of California, Los Angeles, California.

14. (9:30 A.M.) "In Vitro Studies of Bone Resorptive Mechanisms," by George Nichols, Departments of Medicine and Biochemistry, Harvard Medical School, Boston, Massachusetts.

15. (10:00 A.M.) "Alterations in Carbohydrate Metabolism in Bone Induced by Parathyroid Hormone," by Bernard K. Forscher, School of Dentistry, University of Kansas City, and David V. Cohn, Kansas City Veterans Administration Hospital, Kansas City, Missouri.

16. (10:30 A.M.) "Some Chemical Factors Influencing Bone Remodeling in Tissue Culture," by Paul Goldhaber, Harvard School of Dental Medicine, Boston, Massachusetts.

17. (11:00 A.M.) "Animal Collagenase and Collagen Metabolism," by Charles M. Lapiere, and Jerome Gross, Department of Medicine, Harvard Medical School and Massachusetts General Hospital, Boston, Massachusetts.

18. (11:30 A.M.) "The Possible Role of Chelation in Decalcification of Biological Systems," by G. Neil Jenkins, Department of Physiology, Medical School, King's College, Newcastle-upon-Tyne, England, and by C. Dawes, Harvard School of Dental Medicine, Boston, Massachusetts.

*Afternoon*

Session IV

Moderator: Seymour Kreshover, National Institute of Dental Research.

Talks to be given:

19. (2:00 P.M.) "Factors Influencing the Transmission and Inhibition of Experimental Caries," by Paul Keyes and Harold Jordan, National Institute for Dental Research, Bethesda, Maryland.

20. (2:30 P.M.) "Microstructural Changes in Early Dental Caries," by A. I. Darling, Dental School, University of Bristol, Bristol, England.

21. (3:00 P.M.) "Ultrastructural Observations on Dental Caries," by Erling Johansen, Department of Dentistry and Dental Research, School of Medicine and Dentistry, University of Rochester, Rochester, New York.

22. (3:30 P.M.) "Physical Chemistry of Enamel Dissolution," by John A. Gray and Marion David Francis, Miami Valley Laboratories, Procter and Gamble Co., Cincinnati, Ohio.

23. (4:00 P.M.) "Dental Erosion in Vivo and in Vitro," by Reidar F. Sognnaes, School of Dentistry, University of California, Los Angeles, California.

24. (4:30 P.M.) General Discussion and Summary.

## INTERNATIONAL ASSOCIATION FOR DENTAL RESEARCH

FORTY-FIRST ANNUAL MEETING, MARCH 21-24, 1963  
PITTSBURGH, PENNSYLVANIA

This meeting will convene in the Penn-Sheraton Hotel on the third Thursday, Friday, Saturday, and Sunday of the month of March. It will be followed by the meeting of the American Association of Dental Schools.