



1997: International Centennial Meeting

A two-day symposium entitled International Centennial Meeting on Pseudoxanthoma Elasticum was held in Bethesda, Maryland on November 6-7, 1997. This meeting was organized on the premise that significant progress had been made in pseudoxanthoma elasticum (PXE) research. The purpose of the meeting was to bring together investigators for an open exchange regarding recent advances. Topics included genetics, cell biology, elastic fibers, and clinical aspects of PXE. Results of this meeting guided further research in the field. The meeting was supported by the United States Public Health Service through the National Institutes of Health.

Click here: Summary article in Journal of Investigative Dermatology Uitto J, Boyd CD, Lebowitz MG, Moshell AN, Rosenbloom J, Terry S. **International Centennial Meeting on Pseudoxanthoma Elasticum: progress in PXE research.** *J Invest Dermatol.* 1998 May;110(5):840-2. PMID: 9579557

Presentations

Below you will find brief summaries of the presentations from this meeting.

Mapping of Both Autosomal Recessive and Dominant Variants of Pseudoxanthoma Elasticum to Chromosome 16p13.1

Berthold Struk, M.D., Brigham and Women's Hospital

Pseudoxanthoma Elasticum: A Sib Pair and Haplotype Analysis at 16p Reveals a Largely Dominant Disorder with Variable Penetrance in Unrelated Families from the United Kingdom and North America

Olivier Le Saux, Ph.D., The Pacific Biomedical Researcher Center, University of Hawaii

Localizing a Gene for Pseudoxanthoma Elasticum to Chromosome 16p13.1

Arthur Bergen, M.D., Netherlands Institute for Scientific Information Services

Physical Map of the PXE Region of Chromosome 16p13.12-13.11

Norman A. Doggett, Ph.D., Los Alamos National Laboratory

Genetic Heterogeneity of PXE

FM Pope, M.D., University Hospital of Wales

Pseudoxanthoma Elasticum in South Africa

Denis Viljoen, M.D., University of Cape Town Medical School

Phenotypic and Genetic Characteristics of PXE in Belgium and South Africa

Anne De Paepe, M.D., Ph.D., Belgium Center for Medical Genetics

Components of the Elastic Fiber: Multiple Proteins with Multiple Functions

Robert P. Mecham, Ph.D., Washington University

Microfibrillar Proteins: The Long and the Short of It

Joel Rosenbloom, M.D., Ph.D., University of Pennsylvania

Regulation of Elastin Gene Expression

Jouni Uitto, M.D., Ph.D., Jefferson Medical College

Fibrillins and PXE

Allen Sapidin, M.D., Mount Sinai School of Medicine

The Pathobiology of Elastic Fibers

Charles Boyd, Ph.D., The Pacific Biomedical Research Center, University of Hawaii

Matrix Gla and Elastic Tissue

Gerard Karsenty, M.D., Ph.D., University of Texas

Italian Effort to Study PXE: From the Identification of Patients and Families to the Pathogenesis of the Disease

Ivonne Pasquali Ronchetti, Ph.D., University of Modena

Pathogenesis of PXE

Kenneth Neldner, M.D., Texas Tech University

Cutaneous Findings of PXE

Mark Lebwohl, M.D., Mt. Sinai School of Medicine

Mammographic Findings in Pseudoxanthoma Elasticum

Lionel Bercovitch, M.D., Brown University

Ocular Manifestations of Pseudoxanthoma Elasticum

Wayne Fuchs, M.D., Mt. Sinai School of Medicine

Animal Models and Pseudoxanthoma Elasticum

Richard Smith, M.D., The Jackson Laboratory

The Men, Women and Children of PXE

Richard Smith, M.D., The Jackson Laboratory