

Tentative Program for the Golden Jubilee of Genetics
September 11-14, 1950, Columbus, Ohio

GENETICS: THE FIRST FIFTY YEARS

Monday evening, September 11, 8:00 P.M.

Joint session with the American Institute of Biological Sciences

Address of Welcome-----A. L. Bevis, President
Ohio State University

The impact of genetics on science-----Richard Goldschmidt
University of California

Tuesday, September 12, 9:00 A.M.

HISTORICAL AND DEVELOPMENTAL ASPECTS OF GENETICS

The status of heredity before 1900-----Conway Zirkle
University of Pennsylvania

The coming of Mendelism-----W. E. Castle
University of California

The development of the gene theory-----H. J. Muller
Indiana University

Tuesday, September 12, 2:00 P.M.

HISTORICAL AND DEVELOPMENTAL ASPECTS OF GENETICS (Cont'd)

The relation of genes
and chromosomes-----A. H. Sturtevant
California Institute of Technology

Mutation after fifty years-----L. J. Stadler
University of Missouri

Tuesday, September 12, 4:30 P.M.

The heritage of Mendel-----Hugo Iltis
Mary Washington College

Tuesday evening, September 12, 8:00 P.M.

Joint session with the American Society of Human Genetics

Old and new pathways in human genetics--L. H. Snyder
University of Oklahoma

Wednesday, September 13, 9:00 A.M.

THE PHYSICAL BASIS OF THE GENE

- The chemistry of chromosomes
and nuclei-----A. E. Mirsky
Rockefeller Institute for
Medical Research
- Cytochemical measurements in the
study of the gene-----T. Caspersson and Jack Schultz
Karolinska Institute
- Genetics and immunology-----M. R. Irwin
University of Wisconsin

Wednesday, September 13, 1:30 P.M.

THE PHYSIOLOGY OF THE GENE

- Chemical genetics-----G. W. Beadle
California Institute of Technology
- Remarks on cell heredity-----Boris Ephrussi
University of Paris
- Genetic studies in bacteria-----Joshua Lederberg
University of Wisconsin
- The role of the genes in cytoplasmic
inheritance-----T. M. Sonneborn
Indiana University

Wednesday evening, September 13, 8:00 P.M.

Joint session with the American Society of Naturalists

- Evolutionary changes in Mendelian
populations-----Th. Dobzhansky
Columbia University

Thursday, September 14, 9:00 A.M.

A. CYTOGENETICS

Evolution of cytogenetic mechanisms
in animals-----M. J. D. White
University of Texas

Genetics and the chromosomes-----C. D. Darlington
John Innes Horticultural Institute

B. GENETICS, MEDICINE AND MAN

Genetics and disease resistance-----J. W. Gowen
Iowa State College

Genetics and the cancer problem-----C. C. Little
Roscoe B. Jackson Memorial
Laboratory

Thursday, September 14, 2:00 P.M.

GENETICS AND THE FOOD PROBLEM

Genetics and plant breeding-----Arne Muntzing
University of Lund

Hybrid corn: its genetic basis and
its significance in human affairs-----P. C. Mangelsdorf
Harvard University

Genetics and plant pathology-----J. C. Walker
University of Wisconsin

Genetics and animal breeding-----J. L. Lush
Iowa State College

Thursday evening, September 14, 8:00 P.M.

Genetics and modern thought-----Dr. Julian Huxley
Formerly Secretary-General
UNESCO





