



Curriculum Vitae Professor Dr. Rudolf Hagemann



Name: Rudolf Hagemann
Born: 21 October 1931

Academic and Professional Career

- 1997 Guest Professor of Molecular Genetics at University of Salzburg, Austria
- since 1996 Retired Professor of Genetics; Lectures about the Fundamentals of Genetics in Leipzig, Germany; Research work on the History of Genetics and Extranuclear Inheritance
- 1996 Professor of Genetics at Max Planck Institute of Experimental Medicine in Göttingen, Germany
- 1994 - 1996 Professor of Genetics at Max-Planck-Institute of Breeding Research in Cologne, Germany
- 1990 / 95 Guest Professor of Molecular Genetics at University of Salzburg, Austria
- 1967 - 1994 Professor of Genetics and Director of the Institute of Genetics, Faculty of Natural Sciences of the Martin-Luther-University Halle-Wittenberg, Germany
- 1981 - 1984 Director the Section of Biological Sciences of University of Halle, Germany
- 1966 Habilitation, University of Halle, Germany
- 1958 - 1967 Research work in the Institute for Research in Cultivated Plants of the German Academy of Sciences Berlin at Gatersleben, Germany
- 1958 Promotion University of Halle, Germany

- 1955 - 1958 Research work in the Institute for Research in Cultivated Plants of the German Academy of Sciences Berlin at Gatersleben, Germany
- 1955 Diploma in Biology
- 1952 - 1955 Study of biology and genetics at the University of Halle, Germany
- 1950 - 1952 Study of biology at the University of Leipzig, Germany

Project coordination, Membership in collaborative research projects

- 1971 - 1990 Member of the GDR-central Research Project MOGEVUS and the subsequent project “Programm Biosciences”

Functions in Scientific Societies and Committees

- since 2014 Chair of the Deutsche Gesellschaft für Geschichte und Theorie der Biologie (DGGTB)
- 1987 - 1990 Member of the „Scientific Board of the Max Planck Institute for Cultivation Research, Cologne, Germany
- 1967 - 1990 Chairman of the Section “Genetics and Breeding” and member of the presidency of the Biological Society of GDR

Honours and Awarded Memberships (Selection)

- 2013 Miescher-Ischida Prize of the International Society of Endocytobiology
- 1990 Corresponding Member of the Academy of Sciences of German Democratic Republic
- 1989 Award of the Thomasius Medal of the University Halle in recognition of the promotion of upcoming scientists
- 1980 Award of the N.I.Vavilov Medal of the All Union Society of Geneticists and Breeders of the Soviet Union
- 1969 Election to member of the German Academy of Sciences Leopoldina; Member of its Senate from 1974 to 1993

Major Scientific Interests

My scientific work is (and was) directed toward three research fields:

- (1) Extranuclear Inheritance in Plants, in particular plastid inheritance and mitochondrial inheritance: mode of inheritance (genetics, light and electron microscopy), induction of mutations and molecular analysis of plastid mutations.
- (2) Paramutation: Genetic analysis of the paramutation system at the sulfurea locus of the tomato *Lycopersicon esculentum* or (new terminology.) *Solanum lycopersicum* and comparative analysis of other paramutation systems, especially in maize.
- (3) History of Genetics, especially of the field of general genetics and extranuclear inheritance. In addition: Analysis of "Lysenkoism" in GDR and Soviet Union and a monograph about life and scientific achievements of the German geneticist Erwin Baur.

In addition: Lectures in the field of General Genetics on the basis of my book "General Genetics" (Hagemann in cooperation with T. Börner and F. Siegemund;), 1st edition 1984 Gustav Fischer Verlag Jena, 4th edition 1999 Spektrum Verlag Heidelberg; and my contribution of two chapters to the great German "Textbook of Genetics" (Editor W. Seyffert), 1st edition 1998, Gustav Fischer Verlag Stuttgart, 2nd edition 2003, Spektrum Verlag Heidelberg

So far: 226 publications in Scientific journals and multi-author-books and author of five books and editor of three books.