

*Yeast* is one of the oldest domesticated organisms and has both industrial and domestic applications. In addition, it is very widely used as a eukaryotic model organism in biological research and has offered valuable knowledge of genetics and basic cellular processes. In fact, studies in yeast have offered insight in mechanisms underlying aging and diseases such as Alzheimer's, Parkinson's and cancer. Yeast is also widely used in the lab as a tool for many technologies such as two-hybrid analysis, high throughput protein purification and localization and gene expression profiling.

The broad range of uses and applications of this organism undoubtedly shows that it is invaluable in research, technology and industry. Written by one of the world's experts in yeast, this book offers insight in yeast biology and its use in studying cellular mechanisms.



**Horst Feldmann** studied Organic Chemistry in Cologne, Germany, and obtained his PhD in this discipline. From 1962 to 1967 he worked at the Institute of Genetics in Cologne. In 1974 he became Professor of Physiological Chemistry at the Medical Faculty in Munich. His pioneering research included sequencing yeast tRNA. He extensively studied tRNA and protein biogenesis, yeast retrotransposons and the mitochondrial genome and was a coordinator in the EU project "Sequencing and Analysis of the Yeast Genome". From 1971 until 2007 he was one of the organizers of the International "Spetses Summer Schools on Molecular and Cell Biology". Horst Feldmann was a member of the Board of FEBS and served as chairman of the Advanced Courses Committee, Secretary of the Prize "Biochemical Analysis" and Head of SFB "Mechanisms and Factors in Gene Regulation". He has also served as member of a number of different committees, namely the DFG, IUBMB and DISNAT (German-Israeli cooperation). He is also an Honorary Member of the Hellenic Society for Biochemistry and Biophysics. In 1996 he received the FEBS Diplôme d'Honneur.

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