



Finally, a stand-alone, all-inclusive textbook on yeast biology.

Based on the feedback resulting from his highly successful monograph, Horst Feldmann has totally rewritten the contents to produce a comprehensive, student-friendly textbook on the topic. The scope has been widened, with more than double the content so as to include all aspects of yeast biology, from molecular genetics via cell biology right up to biotechnology applications. The cell and molecular biology sections have been vastly expanded, while information on other yeast species and aspects on yeast evolution have been added, with contributions from renowned authors. Naturally, the illustrations are in full color throughout, and the book is backed by a complimentary website:

www.wiley-vch.de/home/yeast

The resulting textbook caters to the needs of an increasing number of students in biomedical research, cell and molecular biology, microbiology and biotechnology who end up using yeast as an important tool or model organism.

New to this edition:

- Yeast Biotechnology
- Hemiascomycetous Yeasts
- Yeast Evolutionary Genomics



Horst Feldmann studied organic chemistry in Cologne, Germany, and obtained his PhD in this discipline. From 1962 to 1967 he worked as a research fellow at the Institute of Genetics in Cologne. In 1974 he became Professor of Physiological Chemistry at the Medical Faculty at the Ludwig-Maximilians University of 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 international project „Sequencing and Analysis of the Yeast Genome“. From 1971 through 2007 he was one of the organizers of the international „Spetses Summer Schools on Molecular and Cell Biology“. Horst Feldmann is a member of EMBO and was a member of the Board of FEBS, serving as chairman of the Advanced Courses Committee. He also served as Secretary of the Prize „Biochemical Analysis“ and Chairman of SFB „Mechanisms and Factors in Gene Regulation“. He is an Honorary Member of the Hellenic Society for Biochemistry and Biophysics. In 1996 he received the FEBS Diplôme d'Honneur.

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