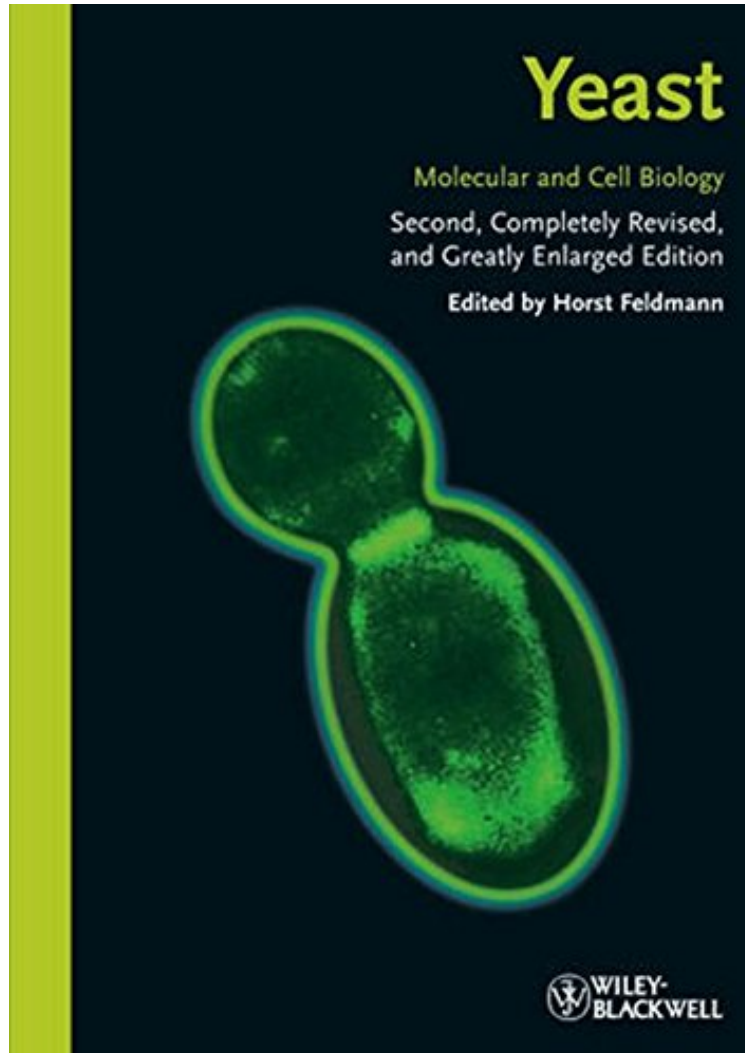


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Yeast: Molecular and Cell Biology

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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 almost double the content so as to include all aspects of yeast biology, from 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 has been added, with contributions from additional authors. Naturally, the illustrations are in full color throughout, and the book is backed by a complimentary website. 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.

The book is an example of writing with the minimum of redundancy and maximum information, organised into a versatile illustrated review on modern yeast biology. (British Journal of Biomedical Science, 1 October 2012) In summary, this well-written work is a significant achievement that will reward both casual reading and more detailed study - recommended!. (Society for General Microbiology, 25 February 2013) From the Back Cover 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 About the Author Horst Feldmann studied Organic Chemistry in Cologne and did 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 mitochondrial genome and was a co-ordinator 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 the 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, DISNAT (German-Israeli cooperation). He is also an Honorary Member of Hellenic Society for Biochemistry and Biophysics. In 1996 he received the FEBS Diplme d'Honneur.