



Molecular Machines in Biology

Workshop of the Cell

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About the Book

The concept of molecular machines in biology has transformed the medical field in a profound way. Many essential processes that occur in the cell, including transcription, translation, protein folding, and protein degradation, are all carried out by molecular machines. This volume focuses on important molecular machines whose architecture is known and whose functional principles have been established by tools of biophysical imaging (X-ray crystallography and cryo-electron microscopy) and fluorescence probing (single-molecule FRET). This edited volume includes contributions from prominent scientists and researchers who understand and have explored the structure and functions of these machines.

This book is essential for students and professionals in the medical field who want to learn more about molecular machines.

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MOLECULAR MACHINES *in* BIOLOGY

Workshop of the Cell



JOACHIM FRANK

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Key Features

- This contributed book deals with the concept of molecular machines and the new techniques that help us better understand cell processes
- Edited by Joachim Frank, a world-renowned expert in structural biology

Contents & Contributors

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