

## Mechanically gated channels and their regulation

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### Abstrak

The volume dwells on the major issues of mechanical stress influencing the ion channels and intracellular signaling pathways. The book presents not only the latest achievements in the field but also brings the problem closer to the experts in related medical and biological sciences as well as practicing doctors. Knowledge of the mechanisms which underlie these processes is necessary for understanding of the normal functioning of different living organs and tissues and allows to predict changes, which arise due to alterations of their environment, and possibly will allow to develop new methods of artificial intervention. This book presents the problem will attract more attention to it both from researchers and practitioners and will assist to efficiently introduce it into the practical medicine.