Biomechanics of active movement and division of cells /

Akka, Nuri

Springer-Verlag,
1994

Congress | proceedings (reports) | Conference papers and proceedings. | Congresses (form) | Conference papers and proceedings. | Actes de congrès.

Monografía

The book is the result of interdisciplinary collaboration between scientists from the diverse fields of cell biology, biomechanics, biophysics, biochemistry, engineering, mathematics, and computational sciences. It provides detailed and appropriate mechanical explanations for the causes and consequences of active motion of cells, such as division, locomotion, shape change, and force generation. Also discussed is the applicability of the results in physiology, diagnosis and therapy

Título: Biomechanics of active movement and division of cells edited by Nuri Akka

Editorial: Berlin New York Springer-Verlag 1994

Descripción física: 1 online resource (xiii, 578 pages) illustrations

Tipo Audiovisual: Cells

Mención de serie: NATO ASI series. Series H, Cell biology vol. 84

Bibliografía: Includes bibliographical references and index

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ISBN: 9783642789755 electronic bk.) 3642789757 electronic bk.) 0387579516 acid-free paper) 9780387579511 acid-free paper) 3540579516 Germany) 9783540579519 Germany) 9783642789779

Materia: Cells- Motility- Congresses Cell Movement- physiology Cell Adhesion- physiology Cellules- Motilité- Congrès 42.15 cytology, cell biology and cell physiology. Cells- Motility. Biomechanica. Cytoskelet. Citologia e biologia celular. Cellules- Motilité- Congrès. Cellules- Division- Congrès.

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Congresos: NATO Advanced Study Institute on Biomechanics of Active Movement and Division of Cells 1993 :. Istanbul, Turkey)

Enlace a formato físico adicional: Print version Biomechanics of active movement and division of cells. Berlin ; New York : Springer-Verlag, 1994 (DLC) 94015684 (OCoLC)30318516

Punto acceso adicional serie-Título: NATO ASI series. Series H Cell biology vol. 84

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