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Altri autori (Persone)	MacagnanoAntonella
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Systems biology of the cell cycle / M. Vanoni and L. Alberghina -- Miniemulsions for biomedical applications / K. Landfester -- Site directed dichroism spectroscopy / J. Manor and I.T. Arkin -- Protocells : membranes and RNA / I. Chen -- Lipid vesicles as biomimetic systems / P. Walde -- SPM techniques : peculiarities and applications / M. Girasole ... [et al.] -- Membrane reconstitution systems for the investigation of peptide-lipid interaction : impact for drug design / T. Gutzmann -- Towards bioinspired sensors : preliminary actions / A. Macagnano ... [et al.] -- Give me a photon to stand on, and I will synthesize life! / F. Milano and M. Trotta -- Stochastic simulations of proto-cells : lipid vesicles dynamics / F. Mavelli ... [et al.] -- Contributions of synthetic biology to the field of the origin of life / P.L. Luisi -- Preparation of lipid vesicles / M. Cataldo, K. Cosentino, and A. Ramundo-Orlando -- Discrete methods for the analysis of biological networks and pathways / R.Y. Pinter -- Implicit knowledge discovery / F.A. Farrelly and A. Petri.
Sommario/riassunto	This book is a collection of highly innovative research ideas, strategies, focal points related to biological cell model systems, promoting both genomic research and bioinformatics that are starting points for instance of the system biology and future research in this field. It, for the first time, advances a synergy of common learning experiences and analyses the latest breakthrough technologies, creating a platform for discussing research experiences. It reports a network development

between scientists and students from several world countries. It promotes joined and integrated approaches from basic research and new product developments for academic world and industries.

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