

Systems Biology

This volume focuses on methodological aspects of systems biology in order to provide a new theoretical approach with a robust and tailored experimental support. Chapters detail mathematical modeling, methodological issues, modulation of the collective behavior, metabolic, dynamic profiling, and quantitative morphological studies. Written in the highly successful *Methods in Molecular Biology* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

Authoritative and practical, *Systems Biology* aims to ensure successful results in the further study of this vital field.

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