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silico: successes, failures and prospects; Discussion; Discussion;
General discussion IV; The IUPS Physiome Project; Discussion; Using in
silico biology to facilitate drug development; Discussion; Final
discussion; Is there a theoretical biology?
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Sommario/riassunto

Over recent decades vast amounts of biological data have been accumulated. However, it is becoming increasingly difficult to apply traditional theoretical methods to the formulation of coherent pictures of cell and organ function because it is no longer possible for a human theorist to integrate all of the available information. Instead, computer technologies must now be used to perform this integration. This book brings together contributions from many different fields to summarize the current status of computer-assisted modelling of biological processes. The initial chapters deal with fund
