Molecular Computational Models: Unconventional Approaches:

- Membrane Computing: Main Ideas, Basic Results, Applications
- State Transition Dynamics: Basic Concepts and Molecular Computing Perspectives
- DNA Computing and Errors: A Computer Science Perspective
- Networks of Evolutionary Processors: Results and Perspectives
- Cellular Solutions to Some Numerical NP-Complete Problems: A Prolog Implementation
- Modeling Development Processes in MGS
- Computing Bacterial Evolvability Using Individual-Based Models
- On a Formal Model of the T Cell and Its Biological Feedback
- Formal Modelling of the Dynamic Behaviour of Biology-Inspired, Agent-Based Systems

Molecular Computational Models
With the increasing complexity of software systems and their widespread growth into many aspects of our lives, the need to search for new models, paradigms, and ultimately, technologies, to manage this problem is evident.