

TABLE OF CONTENT

Genetic Network Representation USING a Suitable IDE Software Tool to the Bacillus <i>Mycobacterium Tuberculosis</i>	
Pablo del Moral, Sandra María Gómez, Jorge Navarro, Fernando Arroyo	3
Modeling, Simulation and Application of Bacterial Transduction in Genetic Algorithms	
Carlos Perales-Gravan, Javier de Vicente Buendia, Juan Castellanos, R. Lahoz-Beltra	11
Biological Processes Studies through Software Tools: Development and Optimization in the Simulation of Synthetic Biological Constructions	
Perceval Velloso, Roberto Tomé, Verónica Llorens-Rico, Juan B. Castellanos	23
DNA Strand Displacement for Stochastic Decision Making based on Immune's Clonal Selection Algorithm	
Rizki Mardian, Kosuke Sekiyama, Toshio Fukuda	34
Simulation of Biological Models Using Cad Tools: Needs and Future	
Víctor de la Hoz, César Pumar, Nicolás Quintero, Paula Cordero	46
A Web Implementation of a Generalized Nep	
David Batard, Sandra María Gómez and Abraham Gutiérrez	55
Solving Combinatorial Problems with Networks of Genetic Processors	
Marcelino Campos, José M. Sempere	65
Genetic Based Spot Detection Method in Two-Dimensional Electrophoresis Images	
Carlos Fernandez-Lozano, Jose A. Seoane, Daniel Rivero, Julian Dorado	72
Algebra Describing Software Static Models	
Elena Chebanyuk	83
Ordering Multiattribute Estimating Methods from the Utility Point of View	
Stanislav Mikoni	94
Table of content	100