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Preface

This issue of the journal reports regular papers. The first contribution is by Paras Chopra and Andreas Bender and discusses quantitative modelling aspects of the bgl operon for E.coli. The second contribution is by Rodrick Wallace and Deborah Wallace and deals with ecosystem transitions affecting phenotype expressions and selection mechanisms. The techniques used are statistical models. The third contribution is by Roberto Barbuti, Andrea Maggiolo-Schettini, Paolo Milazzo, Paolo Tiberi and Angelo Troina and presents the Stochastic Calculus of Looping Sequences (SCLS) suitable for the description of microbiological systems, such as cellular pathways, and their evolution. The last contribution is by Federica Ciocchetta and describes the use of biological transactions to make atomic sequences of interactions in the BlenX language.

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