



New Sights into Bioinformatics of Gene Regulations and Structure

Guest Editors:

Prof. Dr. Yuriy L. Orlov

Dr. Anastasia A. Anashkina

Prof. Dr. Nikolay A. Kolchanov

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Message from the Guest Editors

Dear Colleagues,

This Special Issue, we focus on bioinformatics and systems biology approaches to genomics and biotechnology problems. The central problem includes the analysis of gene expression regulations, bioinformatics of regulatory molecular mechanisms and network interactions underlying gene function manifestation.

Topics of the Special Issue include the following:

- Analysis of gene expression regulation;
- Genomics and omics technology applications;
- Gene networks and associative networks analysis;
- Protein structure analysis and biophysical models;
- Interdisciplinary research in computational genomics of model organisms - plants, animals, bacteria;
- Systems approaches for gene expression analysis including Machine Learning and AI.

We welcome novel materials on topics that extend beyond the conference discussion.

Prof. Dr. Yuriy L. Orlov
Dr. Anastasia A. Anashkina
Prof. Dr. Nikolay Kolchanov
Guest Editors





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, St. Alban-Anlage 66
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