



## 4D-Transcription in Inflammation and Disease

Guest Editor:

### Dr. Alessandra Agresti

In vivo Chromatin and  
Transcription Group, San  
Raffaele Scientific Institute, Via  
Olgettina 60 I-20132 Milano, Italy

Deadline for manuscript  
submissions:

**closed (30 November 2018)**

### Message from the Guest Editor

Dear Colleagues,

The scope of this Special Issue is to collect contributions to improve our understanding of the dynamic regulation of gene expressions in healthy, damaged or cancer cells and tissues in response to changing local conditions that are critical for the survival of organisms. Contributions should focus on dynamic molecular synergies of gene regulatory sequences, on the evolution in time and space of enhancer-promoter contacts, epigenetic modifications and large-scale arrangements and interactions of chromosome territories to fine-tune transcriptional responses and set new epigenetic configurations. In addition, contributions that explain how a single transcription factor (NF-kappaB, STATs, etc.) can univocally activate a selected transcriptional output in response to a specific signaling input out of many possible options (cytokines, growth factors, etc.) are most welcome.

We will be happy to accept

- Original research papers reporting advances in the field
- Educated reviews on published data
- Critical discussions able to provide new interpretations





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Felipe Fregni

1. Neuromodulation Center and  
Center for Clinical Research  
Learning, Spaulding  
Rehabilitation Hospital and  
Massachusetts General Hospital,  
Harvard Medical School, Boston,  
MA 02114, USA  
2. Department of Epidemiology,  
Harvard T.H. Chan School of  
Public Health, Boston, MA 02115,  
USA

## Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within *Scopus*, *SCIE (Web of Science)*, *PubMed*, *PMC*, *CAPlus / SciFinder*, and other databases.

**Journal Rank:** JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (*Medicine (miscellaneous)*)

## Contact Us

---

*Biomedicines* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/biomedicines](https://mdpi.com/journal/biomedicines)  
[biomedicines@mdpi.com](mailto:biomedicines@mdpi.com)  
X@Biomed\_MDPI