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## Gene and Cell Therapy in Regenerative Medicine

Guest Editors:

### **Prof. Dr. Albert Rizvanov**

Institute of Fundamental  
Medicine and Biology,  
Department of Genetics, Kazan  
Federal University, Kazan, Russia

### **Dr. Ayşegül Doğan**

T.C. Yeditepe Üniversitesi,  
Department of Genetics and  
Bioengineering, Istanbul, Turkey

Deadline for manuscript  
submissions:

**closed (15 July 2023)**

### **Message from the Guest Editors**

Gene and cell therapy represent a promising approach to overcoming the natural restrictions of the body relating to regeneration. Potential topics of the special issue include, but are not limited to, the following:

Isolation, expansion and analysis of stem cells from various tissues and organs for biomedical and clinical applications;

Pre-clinical and clinical applications of autologous and allogeneic natural and genetically modified cells;

Stem cells in tissue engineering (3D printing, organoids, decellularized tissues and organs, natural and artificial matrixes etc.);

Immunomodulatory effects of stem cells;

Gene therapy (vector development, therapeutic gene editing, transgene delivery etc.);

Using genetic modification and chemical treatments for modulating biological properties and therapeutic efficiency of stem and differentiated;

Characterization and application of natural and artificial membrane vesicles from various natural and genetically modified cells for regenerative medicine.

Prof. Dr. Albert A. Rizvanov

Dr. Ayşegül Doğan

Guest Editors



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**Special** Issue



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## Message from the Editorial Board

*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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**Journal Rank:** JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

## Contact Us

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

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

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