



3rd National Congress on Regenerative Medicine Moscow, 15-18 November, 2017

Dear colleagues,

It is our pleasure to invite you to participate in the **3rd National Congress on Regenerative Medicine**, which will take place 15-18 November, 2017 at the Lomonosov Moscow State University, Moscow, Russia. The Congress will be a meeting of leading specialists in biology, cell and gene therapy, physicians, industry spokespersons and companies developing technologies for regenerative medicine.

Key topics of the Congress

1. Mechanisms of development and postnatal renewal

- ▶ Embryonic stem cells and developmental biology
- ▶ Adult stem and induced pluripotent cells
- ▶ Molecular mechanisms of cell differentiation and trans-differentiation
- ▶ Biological basis of regeneration and renewal of organs and tissues
- ▶ Secretory activity of stem cells in regeneration: paracrine soluble factors, extracellular vesicles and transmission of genetic information

2. Cell therapy

- ▶ Application of biomaterials and cell constructions for tissue engineering
- ▶ Cell therapy for tissue regeneration and treatment of hereditary diseases
- ▶ Biosafety aspects of cell therapy and its oversight
- ▶ Development of practical applications for cell therapy in different fields of medicine (surgery, cardiovascular diseases, neurology etc.)

3. Gene therapy for regenerative medicine

- ▶ Gene therapy products for stimulation of regenerative response
- ▶ Stem cell modification for therapeutic potential enhancement and treatment of monogenic diseases
- ▶ Genome editing in regenerative medicine



4. Biomedical cell product evaluation, development and production

- ▶ Regulatory aspects of regenerative medicine
- ▶ Education for specialists in biomedical cell products development, manufacturing and clinical trials
- ▶ Pre-clinical evaluation and quality control of biomedical cell products

**Abstracts of the Congress will be published in «Genes and Cells» journal
(indexed in Scopus)**

**Congress will also host scientific school for young scientists in the form of seminars
and master classes with modern equipment and methods application (18.11.2017)**

**Detailed program of Congress will be published
at <http://congress.regenerative-med.ru/>**

Registration and abstracts accepted from April 15 by September 1, 2017

Best regards,

Congress President

Member of Russian Academy of Sciences,

Prof. Tkachuk V.A.



Congress dates: 15-18 November, 2017

Congress official languages: Russian, English

Congress venue: Lomonosov Moscow State University

Faculty of Medicine (Lomonosovsky prospect, 27/1) and Medical Scientific
and Educational Center (Lomonosovsky prospect, 27/10)

Congress postal address: 119192 Moscow, Lomonosovsky prospect, 27/10, suite B-325