



Nizhny Novgorod, 603950  
10/1 Minin and Pozharsky Sq.  
Tel.: (831) 430-75-51

Website: [www.stm-journal.ru](http://www.stm-journal.ru)  
E-mail: [stm@pimunn.ru](mailto:stm@pimunn.ru)

## Call for Papers

Dear Colleagues:

You are invited to submit a paper for possible inclusion in a special issue of Journal "Sovremennye tehnologii v medicine" ("Modern Technologies in Medicine"), quarterly peer-reviewed scientific and practical medical journal publishing the findings of experimental and clinical researches; reviews including fundamental studies in physics, chemistry, and biology that have biomedical orientation. The Journal is included into the following databases: Web of Sciences, Scopus, CrossRef et al.



Special issue "**Spine surgery: results of 10 years of experience and updates**" is dedicated to different problems of spinal pathology in general and its treatment modalities. The special issue is devoted to all spine related disciplines, including surgical anatomy of the spine, biomechanics and pathophysiology, diagnostic and treatment procedures. The aim of special issue is to support the further development of new innovative diagnostic and treatment modalities of spinal pathology.

Areas of interest for this special journal issue include, but are not limited to, the following topics:

- New findings in basic knowledge of the spine and spinal cord: biology, biomechanics, cell and 3D technologies, materials;
- Injury of the spine and spinal cord;
- Degenerative spine diseases;
- Pediatric spinal deformities;
- Adults spinal deformities;
- Tumors of the spine and spinal cord;
- Osteoporosis problems in spine surgery and ways to overcome them;
- New findings in diagnostics, planning and intraoperative imaging;
- Complications in spine surgery. Failed back surgery syndrome. Problems of repeated and revisional interventions. Infections.
- Medical care management, science and education.

The full manuscript should be emailed to the journal email [stm@pimunn.ru](mailto:stm@pimunn.ru) by the deadline indicated below with brief topic **Special issue 2021**. Authoring guidelines could be found here <http://www.stm-journal.ru/en/requirements-for-manuscripts/>

**Special Issue Theme:** Spine surgery: results of 10 years of experience and updates

**Journal Website:** [www.stm-journal.ru](http://www.stm-journal.ru)

**IMPORTANT DATES:**

**Full Version:** March 21, 2021

**Decision Date:** April 21, 2021

**Final Version:** June, 2021

## Special Issue Editors



**Dr. Dmitry Ptashnikov, MD, PhD, D.Sc.**

*Guest Editor*

The Head of the Department and the Clinic of Traumatology and Orthopaedics of the North-West State Medical University named by I. I. Mechnikov (St. Petersburg); The Head of Spine Surgery Research and clinical departments in Russian Scientific Research Institute of Traumatology & Orthopaedics (St. Petersburg);

Interests: Spinal Oncology; Lumbar stenosis, Infectious diseases of the musculoskeletal system: primary and secondary osteomyelitis; Complications of surgical treatment in trauma patients.



**Dr. Nikolay Konovalov, MD, PhD, D.Sc.,  
Corresponding member of the RAS**

*Guest Editor*

Professor and Chairman of Spinal Neurosurgery department at Burdenko Neurosurgical Center in Moscow, Russia

Interests: spinal cord and vertebral tumors, degenerative diseases of the spine, spinal cord trauma and regenerative therapy



**Dr. Sergey Mlyavykh, MD, PhD**

*Guest Editor*

Chief of Trauma and Orthopedic Institute, Head of the Department of Traumatology, Orthopedics and Neurosurgery named after M. V. Kolokoltsev, Privolzhsky Research Medical (Nizhny Novgorod)

Interests: Lumbar stenosis, Adolescent Idiopathic Scoliosis; Scoliosis; Kyphotic Deformities; Spine Deformity; Sagittal Profile; Cervical Spine; Aging; Spine