



Personalities

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Rubnikovich Sergei Petrovich

Corresponding Member of the National Academy of Sciences of Belarus, Doctor of Medical Sciences, Professor ([Rector of the Belarusian State Medical University](#))

Born in the Sharkovshchina district of the Vitebsk region. In 1996 he graduated from the Dental Faculty of the Minsk State Medical Institute. In 1998, he completed his residency training in orthopedic dentistry at the Department of Orthopedic Dentistry of BelMAPO. Since 1998, he worked as an assistant, and then (since 2004) as an assistant professor at the Department of Orthopedic Dentistry of the Belarusian State Medical University. From April 2013 to September 2020 - Head of the Department of Orthopedic Dentistry and Orthodontics with a course in Pediatric Dentistry at BelMAPO.

In 2002 he defended his Ph.D. thesis on "The choice of a stump pin insert and pin teeth, taking into account the safety of the walls of the root canals (experimental clinical study)", and in 2011 - his doctoral dissertation "Laser-optical diagnosis of periodontal diseases and substantiation of methods for their treatment (experimental clinical study)". In 2015 he was awarded the academic title "Professor".

Sergei Petrovich Rubnikovich is the founder and head of the scientific school in dentistry using cellular and digital technologies. The results of his scientific research have been recognized in the Republic of Belarus and abroad, as evidenced by scientific publications and speeches at major international conferences and congresses, as well as repeated citations of publications by foreign authors. During the period of scientific activity, he published more than 450 works, including seven monographs, 35 book editions, 300 articles in leading domestic and foreign publications. He has 20 patents for inventions, more than 250 acts of implementation in practical healthcare and the educational process, the author of 21 instructions for use approved by the Ministry of Health.

In recent years, under the scientific guidance of Professor Sergei Petrovich Rubnikovich, many joint funded projects have been and are being implemented within the framework of scientific and technical programs of various levels. For example, as a result of completing the task “Acoustic system and ultrasonic equipment for the formation of a dentin-filling connection”, for the first time in Belarus, a domestic modern low-frequency ultrasonic dental device was developed for the formation of a dentin-filling connection “DENT-35”. This development, presented as part of the international competition "The Best Innovative Project and the Best Scientific and Technical Development of the Year", which was held in St. Petersburg in 2019, in the nomination "The Best Innovative Project in the Field of Medicine" was awarded a diploma of the II degree with a silver medal .

As a result of the implementation of a separate project of fundamental and applied research of the National Academy of Sciences of Belarus “To conduct experimental and clinical trials of a biograft based on mesenchymal stem cells of adipose tissue immobilized on a biodegradable carrier for use in the treatment of periodontal diseases”, for the first time in the Republic of Belarus, it was developed and introduced into dental practice a new method of cellular technologies in the treatment of gingival recession using a mixture of autologous mesenchymal adipose tissue stem cells with 7% collagen gel.

In the course of the innovative project "Creation and organization of the activity of an innovative production center for the production of equipment and medical products", jointly by BelMAPO, the Belarusian National Technical University, the Science and Technology Park of the BNTU "Polytechnic" and other interested parties, within the framework of the State Program for Innovative Development of the Republic of Belarus, a new medical product "Device intraoral dental" to prevent snoring and sleep apnea, which has no analogues in Belarus and abroad. In September 2020, it was awarded a 1st degree diploma with a gold medal at the international competition "The Best Innovative Project and the Best Scientific and Technical Development of the Year" (St. Petersburg) in the nomination "The Best Innovative Project (Development) in the Field: Medicine, Sanitation ,

Under the leadership of Sergei Petrovich Rubnikovich, four candidate dissertations were defended and approved by the Higher Attestation Commission. Currently, he is the supervisor of five PhD students, one doctoral student and six clinical residents. Since 2013, he has organized six international congresses, 10 international conferences and 26 city and regional scientific and practical seminars, as well as 45 master classes in various areas of dentistry.

Doctor of Medical Sciences, Professor Sergey Petrovich Rubnikovich - Chairman of the subcommittee of the Republican Qualification Commission of the Ministry of Health of Belarus for assigning qualification categories to dentists, a member of the problematic commission on dentistry of the Ministry of Health of the Republic of Belarus, a full member of the International Academy of Dentists (ADI), etc. He is also editor-in-chief of the Interstate scientific and practical journal “Dentistry. Aesthetics. Innovations”, member of the editorial board of the journals “Proceedings of the National Academy of Sciences of Belarus”, “Stomatologist”, “Modern Dentistry”, “Innovative Technologies in Medicine”, “Vestnik VSMU”, “Modern Orthopedic Dentistry” (Russian Federation), “Journal of Stomatological Medicine » (Moldova). Besides,

Awarded with the badge "Excellent Health Worker of the Republic of Belarus" (2017), diplomas of the National Academy of Sciences of Belarus (2019), the Ministry of Health of Belarus (2020), the Moldovan Dental Association (2018), the public association "Belarusian Association of Doctors" (2017), BelMAPO (2014 , 2015). In 2011 he became a laureate of the National Academy of Sciences of Belarus. He was twice awarded the scholarship of the President of the Republic of Belarus to talented young scientists (2009, 2016) and the grant of the President of the Republic of Belarus in healthcare for 2018. In 2019, he was awarded the title of Honorary Professor of the Kuban State Medical University. In 2019, the National Academy of Sciences of Belarus Prize in the field of medical sciences was awarded for the series of works “Development and implementation of new innovative methods for diagnosing and treating patients with dental pathology, including the use of stem cells in the form of biotransplants”. In 2020, he was awarded a Certificate of Honor for winning the review competition for the honorary title "Scientist of the Year of BelMAPO 2019".

List of patents

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