



Tashkent State Dental Institute 2023



SDG 9. Industry, innovation and infrastructure

9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



Science. Grants. Innovations for health

Type of project	Number of projects	Funds (income)
Practical grant	3	3 930 650 million sums
Innovative grant	2	1 798 917 million sums
International grant	1	152 000 \$
Business agreement (contract)	6	73 740 055 million sums

Science. Grants. Innovations for health

- **Grants and projects:**
 1. The heating device for composite restorative materials (PZ-462104532)
 2. Creating a national database of babies with facial-jaw pathology using 3D technologies (AL-421105549)
 3. Creating a geographical map of the spread of dental diseases in the Republic (FZ-2020073031)
 4. Bioactive dental implant with bioactive coating for the first time in Central Asia "Implant.uz" production
 5. Creation and production of standard transport and healing linkage in jaw fracture (206/14)



Active participation with innovations, devices in InnoWeek



Evidence: <https://www.tsd.uz/yangilik%5C300>
<https://ilmiy.tsd.uz/grant%20va%20tanlovlar/Mavjud%20grantlar>
<https://www.tsd.uz/yangilik%5C211>

Investment Forum-2023

- 2023, March 16-17, The Scientific and Practical Center of Dentistry and Maxillofacial Surgery of TSDI participated with its scientific and innovative projects and new products for public medicine and new device for teeth restoration

InnoWeek-2023

- 2023, September 16-20, the Week of Dentistry was held in cooperation with the Ministry of Higher Education and Innovations, Ministry of Healthcare and TSDI



The most cited research on SDG-9 2019-2023

- Kamoliddin Rustamov, Nodira Rustamova; **Determination of the main parameters of the mechanisms of a two-stage compressor and their kinematic analysis.** *AIP Conf. Proc.* 23 June 2023; 2789 (1): 040001 27
- Tulyaganov, D.U., Fiume, E., Akbarov, A., Ziyadullaeva, N., Murtazaev, S., Rahdar, A., Massera, J., (...), Baino, F. **In Vivo Evaluation of 3D-Printed Silica-Based Bioactive Glass Scaffolds for Bone Regeneration.** (2022) *Journal of Functional Biomaterials*, 13 (2), art. no. 74 14
- E. Fiume, D.U. Tulyaganov, A. Akbarov, N. Ziyadullaeva, A. Cochis, A.C. Scalia, **Biological evaluation of new sodium-potassium-silico-phosphate glass for bone regeneration: in vitro and in vivo studies,** *Materials* 14 (2021) 4546 7
- Salih, A. K., Alwan, A. H., Opuencia, M. J. C., Uinarni, H., Khamidova, F. M., Atiyah, M. S., Awadh, S. A., Hammid, A. T., & Arzehgar, Z. (2023). **Evaluation of Cholesterol Thickness of Blood Vessels Using Photoacoustic Technology.** *BioMed research international*, 2023, 2721427 1