



Tashkent State Dental Institute 2022



SDG 9. Industry, innovation and infrastructure



Science. Grants. Innovations for health

Type of project	Number of projects	Funds (income)
Practical grant	3	3 928 851 million sums
Innovative grant	2	1 798 917 million sums
International grant	1	71000 \$
Business agreement (contract)	6	143 010 404 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

InnoWeek-2022

- 2022, September 19-23, 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 2018-2022

- Khudanov, B.; Jung, H.I.; Kahharova, D.; Lee, J.-W.; Hamidov, I.; Lee, E.-S.; Kim, B.-I. **Effect of an oral health education program based on the use of quantitative light-induced fluorescence technology in Uzbekistan adolescents.** Photodiagn. Photodyn. Ther. 2018, 21, 379–384 12
- 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 9
- 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
- Khudanov, B.O., Abdullaev, J.R., Bottenberg, P., Schulte, A.G. **Evaluation of the fluoride releasing and recharging abilities of various fissure sealants (2018).** Oral Health and Preventive Dentistry, 16(2), c. 195-202 7