

Message from the President



Since Tokyo Medical and Dental University (TMDU) was established in 1928 as the first national dental school in Japan, it has grown into a comprehensive medical university by expanding into medicine and nursing, and has become one of the most influential medical research institutions in the world. TMDU is currently located in the Ochanomizu/Yushima district in central Tokyo, which has been considered the traditional birthplace of scholarship in Japan since the 17th century.

We have approximately 3,000 students in our graduate and undergraduate schools, which include the Graduate School of Medical and Dental Sciences, Graduate School of Health Care Sciences, Faculty of Medicine, and Faculty of Dentistry. We foster our students under the TMDU Vision, "Cultivating Professionals with Knowledge and Humanity, thereby Contributing to People's Well-being".

On our campus, we have two university hospitals, one for medicine and one for dentistry. Our medical hospital is the most popular teaching hospital among medical interns in Japan and plays an important role in clinical medicine. The dental hospital accepts the highest number of patients with oral disease in the country. In addition, with an eye on the Tokyo 2020 Olympic and Paralympic Games, we established the Sports Science Organization to provide integrated care for athletes and apply our scientific knowledge to public health, and have invited a 2004 Olympics gold medalist in the hammer throw to join us as a professor.

We also have two research institutes, the Medical Research Institute and the Institute of Biomaterials and Bioengineering, where researchers collaborate with industries to develop practical clinical applications for the benefit of society. In 2016, we established two centers: the Center for Personalized Medicine for Healthy Aging,

which provides preventive medicine based on individual genetic backgrounds to contribute to longevity, and the Institute of Global Affairs/Institute of Education to promote university-wide globalization in the fields of research, education and medical treatment. Furthermore, in April 2017, we established the Institute of Research to reinforce the deep collaboration among our finest researchers in the fields of medicine, dentistry and engineering, thereby promoting ground-breaking innovations and practical applications that go beyond each research area. We are also conducting collaborative investigations and education at our overseas research centers in Thailand, Ghana and Chile.

In order to achieve higher levels of consolidated research, we will activate two plans to reorganize our graduate program, starting in April 2018. First, a new graduate program for integrated preemptive medical and dental health care science will open to train specialists in the comprehensive analysis of medical big data utilizing technologies such as IoT, AI and robotics, in order to provide preventive medicine with higher accuracy. Secondly, our "Global Health Leader Training Course" will develop specialists capable of solving the world's urgent health issues, using diverse programs, including international lectures, case studies, and field trips overseas work.

In this brochure, we highlight typical examples of state-of-the-art research activities at TMDU, which are in a continuous state of evolution and refinement. Although these activities represent only a fraction of the research underway at our university, I am confident that these highlights will give you an idea of the exciting opportunities available here at TMDU for collaboration and study, open to researchers and students worldwide.