

The Innovative Challenge of Young Researchers Who Promote Further Safe and Reliable Medical Treatment

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There has been an increase in the number of treatable diseases in Japan due to the development of new drugs and progress in medical technology. However, we are facing problems including the adverse effects of therapeutic drugs and a decrease in the quality of life due to changes in lifestyles. To address these problems, it is essential to conduct both basic and clinical research based on new methods and viewpoints. The symposium has invited seven students who are expected to conduct research designed to further promote safe and reliable medical treatment by solving the above-mentioned problems. The symposium covers a wide variety of subjects: the proposal of new cancer therapies using existing drugs, control of adverse effects caused by anticancer drugs from new perspectives, and research on drug-repositioning using big data. It particularly focuses on themes related to cancer care. Inspiring discussions on cancer - unmet medical needs, are expected from many different points of view. The symposium also features clinical studies for the application of big data, which we hope will contribute to the future of medicine. We are hoping that the symposium will: provide opportunities for young researchers, who will lead the field of medicine in the near future, to exchange opinions, promote the next generation of drug discovery and development as well as the proper use of medicine, and contribute to the improvement of clinical settings and the future of medicine through the implementation of more reliable and safer medical care.