

Comments from Award Recipient



I am delighted to have been chosen for the S&M Young Researcher Paper Award 2017 of Sensors and Materials, which is an authoritative journal on sensors and sensing materials. This research was conducted in cooperation with Professor Suzuki, Professor Hotta, Mr. Yamato, and Mr. Bito of Keio University, and Dr. Hasebe, Dr. Matsumoto, Dr. Mine, and Dr. Hayashi of Tokai University. I greatly appreciate the support of my team members and family. Our team has been studying biomaterials for blood-contacting implants, which is relevant in the treatment of vascular diseases. Because our bodies act as the sensor of foreign materials, implanting materials in our bodies causes postoperative complications as a result of the host response of cells and organs. Therefore, to suppress complications such as thrombosis and inflammation, we developed a new biocompatible coating material through cooperation among engineering and medical researchers. Receiving this award does not mark the end of our research. We will continue to study and develop new materials to bring a smile to patients through our experience.

Shunto Maegawa