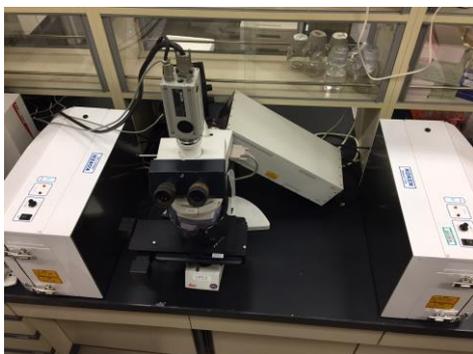


Acknowledgments

1. 『“KOACH T500-F”』 donated by KOKEN Ltd.



Ultrahigh Precision Optics Technology Team in RIKEN Center for Advanced Photonics is developing a single cell isolation system for yet-uncultured microorganisms from environmental specimens by a UV laser and microscope. By providing clean air units “KOACH T500-F” by KOKEN Ltd., we easily constructed a clean condition for the system. We would like to acknowledge for their contribution. Thank you very much.

2. 『LT5/12, Nabertherm』 donated by JASCO International Co., Ltd.

Surface & Interface Science Laboratory has studied nanoscience using scanning tunneling microscopy (STM). Recently, we succeeded in obtaining high quality STM tips by using furnace (LT5/12, Nabertherm) donated by JASCO International Co., Ltd. These tips will facilitate our STM activity. Thank you very much.



3. Stepping motor controllers donated by Tsuji Electronics, Co., Ltd

The Research Infrastructure Group measures and analyzes the structure of various types of proteins using beamlines, which the group has developed for research on structural biology at SPring-8, RIKEN's large synchrotron radiation facility. The research is a collaborative effort that involves researchers inside and outside of RIKEN with the aim to elucidate mechanisms of physiological phenomena and discover new drugs. The donation of stepping motor controllers PM16C-16 and PM16C-04XDL from Tsuji Electronics allows us to operate up to 16 beamline experimental devices in a synchronized manner, and we expect to achieve improvements in measurement efficiencies and progress in life sciences research as a various types of new measurements and experiments can be conducted. We would like to sincerely thank Tsuji Electronics for its donation.



(The devices indicated by the red arrows are the items donated by Tsuji Electronics)

4. Open clean zone creator, KOACH donated by Koken Ltd.

The Laboratory for Integrated Biodevice, QBiC is developing micro fluid chips, palm-size substrates to which human hair-width channels are attached, for future chemical and biological experiments. We focus in particular on developing chips made of glass, which is a stable material even when subjected to physical and chemical changes. The KOACH C900-F donated by Koken creates a clean environment in which we can produce glass chips. This is very important as the production process depends on a high degree of cleanliness in our clean room. We would like to sincerely thank Koken for its donation.



The donated item consists of the devices equipped on the both sides of the table.

5. Three sets of laboratory workbenches donated by Dalton Corporation
6. Liquid chromatography mass spectrometer donated by Shimadzu Corporation

RIKEN BioResource Research Center (BRC) collects, preserves and provides materials required for biological experiments in life science, and promotes research and development for utilization of these resources.

BRC has recently launched a collaborative hub for iPSC-based drug discovery and development in the Keihanna area in collaboration with Kyoto prefecture to promote the use of disease-specific iPS cells. Dalton donated laboratory workbenches and Shimadzu donated a liquid chromatography mass spectrometer to the new hub. Thanks to these donations, preparations for launching the hub, which will support collaborations with universities and pharmaceutical companies, were completed promptly. We would like to sincerely thank Dalton and Shimadzu for their donations.



(Laboratory workbenches)



(Liquid chromatography mass spectrometer)