Symposia of the 125th Annual Meeting of the Pharmaceutical Society of Japan

S30 Recent advance of natural product chemistry for new drug development

S30-1 Inhibitors of lipid metabolism, produced by marine microorganisms

Hiroshi Tomoda (Kitasato Institute for Life Sciences & Graduate School of Infection Control Sciences, Kitasato University)

S30-2 Marine Bacteria as Screening Resources of Novel Biomedical Compounds

Kentaro Kodama (Laboratory for Biological Resources Research, Sankyo)

S30-3 search and development of bioactive metabolites from symbiotic marine microorganisms

Jun'ichi Kobayashi (Hokkaido Univ., Grad.Sch.Pharm.Sci.)

S30-4 Collection and identification of novel marine micro-organisms and their functional compounds

Yoshikazu Shizuri (Marine Biotechnology Institute)

S30-5 Possibility of Marine Bioluminescent Dinoflagellate as a Bio-source

Yoshihiro Oomiya(JST、PRESTO)

S30-6 Biologically Active Natural Products from Marine Fungi

Michio Namikoshi (Department of Ocean Sciences, Tokyo University of Marine Science and Technology)

S30-7 Bioactive Molecules with Polycyclic Nitrogen Containing Skeletons from Northern Plants

Hiroshi Morita (Graduate School of Pharmaceutical Sciences, Hokkaido University)

S30-8 Reaction mechanism of enzymes constructing molecular skeletons in the biosynthesis of natural products

Hideaki Oikawa (Graduate School of Science, Hokkaido University)

S30-9 Molecular Analysis of Biosynthesis of Polyketide Compounds Produced by Streptomyces halstedii HC34

Tadashi Eguchi (Graduate School of Science and Engineering, Tokyo Institute of Technology)

S30-10 Engineered Biosynthesis of Unnatural Natural Products

Ikuro Abe (School of Pharmaceutical Sciences, University of Shizuoka)

S30-11 Design and synthesis of novel vancomycin derivatives effective against multi-resistant bacteria

Hirokazu Arimoto(Graduate School of Science, Nagoya University)

S30-12 Structure and Function of Circadian Clock Protein

Hiroaki Kato (Grad. Sch. Pharm. Sci., Kyoto UNIV)

S30-13 Directed Evolution of Biofunctional Molecules

Ikuo Fujii (Research Institute of Advances Science and Technology, Osaka Prefecture University)