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## Preface

## 33rd Annual Meeting of the Japanese Society for Biomedical Mass Spectrometry

The 33rd Annual Meeting of the Japanese Society for Biomedical Mass Spectrometry (JSBMS) was held in September 25 and 26, 2008, at Tetsumon Memorial Hall in The University of Tokyo, Tokyo, Japan.

This meeting covered a variety of biomedical applications of mass spectrometry, such as diagnosis and disease state assessment of inherited metabolic disorders, forensic toxicological analysis, analysis of pathological condition, proteomics, metabolomics and analysis for drug development.

A keynote lecture was presented by Dean and Professor Takao Shimizu of Faculty of Medicine, The University of Tokyo under the title of "From lipid mediators to lipid metabolism". An invited lecture was presented by Dr. Kim Ekroos of VTT Technical Research Centre of Finland/Zora Biosciences, under the title of "Lipidomics in health and disease". We are very much appreciated that they attended our meeting and shared updated information of lipidomics with Japanese scientists in this field.

We had six symposiums in this meeting. The first symposium focused on proteomics under the title of "Clinical proteomics". The second symposium focused on diagnosis and disease state assessment of inherited metabolic disorders under the title of "Biomarker discovery and development of personalized medicine". The third symposium focused on analysis of pathological condition under the title of "Approaches for investigation of pathological condition by focused on endogenous bioactive molecules". The fourth symposium focused on metabolomics under the title of "Metabolomics in obesity and inflammation". The fifth symposium focused on forensic toxicology under the title of "Mass spectrometry in the field of forensic medicine". The sixth symposium focused on the analysis for drug development under the title of "Studies on drug

metabolism and side effects by mass spectrometry". Further, as a first trail in this meeting, submitted presentations were mainly operated as poster session.

The Isamu Matsumoto Prize was sent to Dr. Akira Shimizu, Former president of JSBMS, and unfortunately he died in January, 2008. Thus, the Prize lecture was presented by Dr. Toyofumi Nakanishi, a tight collaborator, in place of him as a memorial lecture for his contribution in medical mass spectrometry.

This special issue is published as the proceedings of the 33rd Annual Meeting of JSBMS at Tokyo. There were 27 oral presentations, 27 poster presentations, and 259 attendants at this meeting. We would like to thank all the speakers, presenters, participants, and staff members of this meeting for excellent papers, earnest discussion and cooperation in this fruitful meeting.

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