

Track

02

Medical Device

April 10(Fri), 13:00 ~ 17:30 / Room.307

This session has been held for 2 years by the 4 Korean Scientific Societies related to medical devices, namely, IEEK, KOSOMBE, KSBM, and KSME. In the first year, the R&D fields for the 4 societies were presented and compared. In the 2nd year, their representative R&D fields were reviewed. In this 3rd year, industrial status and the directions for commercialization and R&D will be reviewed and a discussion session will be held for future R&D and commercialization.

SESSION 1. CURRENT INDUSTRIAL STATUS AND COMMERCIALIZATION OF MEDICAL DEVICES I

13:00 ~ 15:00

In this session, current status and future prospects for the commercialization of medical devices related to each of 4 societies are presented.

SESSION CHAIR **Chang-Hyun Oh**, Professor, Department of Electronics and Information Engineering, Korea University, Korea

13:00 ~ 13:30	Current Status and Future Prospects of Commercialization of Biomedical Measurement Devices Young-ro Yoon , Professor, Department of Biomedical Engineering, Yonsei University, Korea
13:30 ~ 14:00	Current Status and Future Prospects of Commercialization of Rehabilitation/Welfare Equipments Jei Cheong Ryu , Head, R&D Team, Korea Orthopedics & Rehabilitation Engineering Center, Korea
14:00 ~ 14:30	Current Status and Future Prospects of Commercialization of Biological Materials and Artificial Organs Insup Noh , Professor, Department of Chemical and Biomolecular Engineering, Seoul National University of Science and Technology, Korea
14:30-15:00	Current Status and Future Prospects of Commercialization of Medical Imaging and Therapy Systems Heung Kyu Lee , President, ISOLTECHNOLOGY, Inc., Korea
15:00 ~ 15:30	Session Break

In this session, presentations about the support of Korean governments for the commercialization of medical devices will be given. Introduction of representative medical R&D supports of the Korean ministries will be given. After the presentation, there will be a short discussion session.

SESSION CHAIR Kwangsuk Park, Professor, Department of Biomedical Engineering, Seoul National University, Korea

15:30 ~ 16:00 **Introduction of Research Supports of National Research Foundation of Korea on Next-Generation Neuro- and Biomedical Technology**
Hyewhon Rhim, National Research Foundation of Korea (NRF), Korea

16:00 ~ 16:20 **R&D Supports of Osong Medical Innovation Foundation on Medical Devices**
Sang-hee Nam, President, Medical Device Development Center, Osong Medical Innovation Foundation (KBIO), Korea

16:20 ~ 16:40 **R&D Supports of Daegu-Gyeongbuk Medical Innovation Foundation on Medical Devices**
Sang-il Lee, Center Chief, Medical Device Development Center, Daegu-Gyeongbuk Medical Innovation Foundation (DGMIF), Korea

16:40 ~ 17:00 **R&BD Supports of the Ministry of Trade, Industry and Energy for the Commercialization of Medical Devices**
Young Huh, PD, Korea Evaluation Institute of Industrial Technology (KEIT), Korea

Panel Discussion

Chair Kwangsuk Park, Professor, Department of Biomedical Engineering, Seoul National University, Korea

Panel Chang-Hyun Oh, Professor, Department of Electronics and Information Engineering, Korea University, Korea

Young-ro Yoon, Professor, Department of Biomedical Engineering, Yonsei University, Korea

Jei Cheong Ryu, Head, R&D Team, Korea Orthopedics & Rehabilitation Engineering Center, Korea

Insup Noh, Professor, Department of Chemical and Biomolecular Engineering, Seoul National University of Science and Technology, Korea

17:00 ~ 17:30

Heung Kyu Lee, President, ISOLTECHNOLOGY, Inc., Korea

Hyewhon Rhim, National Research Foundation of Korea (NRF), Korea

Sang-hee Nam, President, Medical Device Development Center, Osong Medical Innovation Foundation (KBIO), Korea

Sang-il Lee, Center Chief, Medical Device Development Center, Daegu-Gyeongbuk Medical Innovation Foundation (DGMIF), Korea

Young Huh, PD, Korea Evaluation Institute of Industrial Technology (KEIT), Korea