

7th IROAST-IRCMS Joint Seminar–67th IRCMS Seminar_
75th IROAST Seminar _ IROAST International Research Organization for Advanced Science & Technology
Program:

(1) Opening Remarks

14:00-14:05 Dr. Toshio Suda, Director of IRCMS

(2) Research Progress Report by the medical-engineering research collaboration groups

14:05 - 14:20 Group 1 (Presenter: Hidenobu Mizuno, IRCMS)

"Quantitative bioimage analysis to elucidate dynamics of hematopoietic stem cells in living animals"

14:20 - 14:35 Group 2(Presenter: Koichi Nishiyama, IRCMS)

"Combined in vitro and in silico analyses to dissect roles of blood flow in metastatic intravasation of cancer cells."

14:35 - 14:50 Group 3 (Presenter: Tokio Tani, FAST)

"Development of the novel drugs for Adult T-cell Leukemia based on the modifications of nuclear morphology"

14:50 - 15:05 Group 4 (Presenter: Buluke, IRCMS)

"Significance of tumor microenvironmental 15pgdh depletion in pancreatic cancer"

15:05 - 15:20 Group 5 (Presenter: Sheng Guojun, IRCMS)

"MMP sensors and sensor-based in vivo delivery of small molecules"

(3) "Short Research Self-marketing"

15:20 - 15:25 Kazuki Takashima, IROAST/FAST

"Micro-Mechanical Characterization and Their Application to Biomedical Sciences"

15:25 - 15:30 Makiko Kobayashi, FAST

"Wearable low-cost ultrasonic/piezoelectric sensors for medical applications"

15:30 - 15:50 Discussion

(4) Closing Remarks

15:50-15:55 Dr. Takashi Hiyama, Director of IROAST