
The 32nd iCeMS SEMINAR

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16:00-17:30

講演者： 亀井 謙一郎 博士
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演 題： Microfluidic Image Cytometry:
Quantitative Multiparametric Analysis of
Phenotype/Cell Signaling in
Individual Human Pluripotent Stem Cells, and Glioblastoma

場 所： 京都大学 iCeMS コンプレックス 1
本館 2 階 セミナールーム (A207)

Dr. Kamei and his colleagues developed Microfluidic Image Cytometry (MIC) Technology, a multiparametric quantitative cell-based assay based on microfluidic technology. This technology allows quantifying molecular expression/localization and cellular features in individual cells with the advantages of small sample/reagent usage, scalability and precise fluidic delivery. Thus, MIC technology can provide a powerful tool for acquiring a better understanding in the key mechanisms of cell behavior.

In this seminar, Dr. Kamei will introduce a MIC technology for (i) quantitative phenotyping and cell signaling analysis of hPSC self-renewal and differentiation, and (ii) quantitative molecular diagnosis of glioblastoma patients.

主 催： 京都大学 物質-細胞統合システム拠点 (iCeMS = アイセムス)
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