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# The 47th iCeMS SEMINAR

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2010 3. 4 (木)  
16:00-18:00

演 題： **Quantitative Control of  
Cell Behaviors on Soft Surfaces  
with Tailored Mesoscopic Structures**

講演者1： **Dr. Hiroshi Yoshikawa**

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場 所： 京都大学 アイセムス本館 2階 (東一条北西角)  
セミナー室 (A207)

The quantitative control and evaluation of cell behavior on soft surfaces with well-defined physical/biochemical properties attracts much attention in view of a fundamental interest in cell-cell and cell-extracellular matrix interactions. In this talk, we introduce the overview of our research on (1) the development of a new technological platform to quantitatively evaluate adhesion strength of cells on soft surfaces, and (2) the regulation of cell behavior on hydrogels with tunable mechanical properties and biofunctionalized membranes.

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