
The 35th iCeMS SEMINAR

Mon 16 Nov 2009
16:00-17:00

Lecturer: **Dr. Danny van Noort**
Head nano/micro fabrication core group
MechanoBiology Research Centre of Excellence
National University of Singapore

Life on Chips: From Cells to Embryos

Venue: 2nd floor Seminar Room (#A207)
Main Building iCeMS Complex 1, Kyoto University

Microfluidic chips lend themselves well to cultivate cells. We have cultured 3D cell constructs of various cell types in a perfused microfluidic chip. Our studies have shown that the functionality of these cells is better than comparable 2D cell cultures. Several applications are possible, such as drug toxicity studies by using the human on a chip. Furthermore I will introduce drug testing on fish embryo on a chip.

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Hosted by: iCeMS (Institute for Integrated Cell-Material Sciences), Kyoto University

