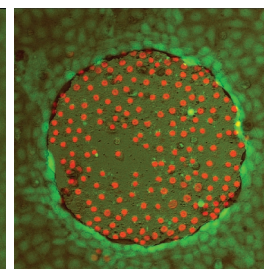
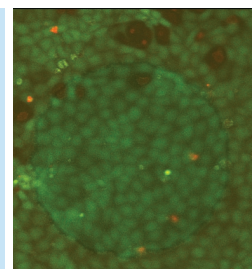
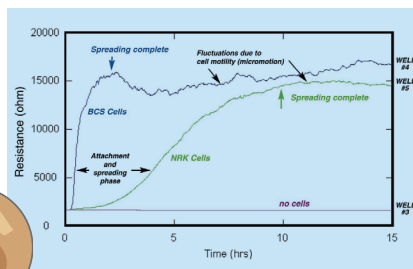
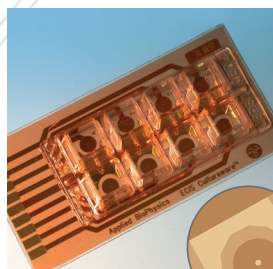


Workshop

ECIS Research Meeting first circular

July 30 - 31, 2009 · University of Regensburg



Aims:

The aim of the first European **ECIS Research Meeting** is to link the growing ECIS community. Short talks given by ECIS users from different fields of applied and basic research will address a broad range of established ECIS applications, starting from cell adhesion monitoring to the ECIS-based wounding healing assay or ECIS as a screening tool in drug and cytotoxicity testing. The opening session will present and discuss the latest developments of the ECIS technology with respect to hard- and software. Moreover, a round table will be organized to provide the opportunity to discuss technology issues with the ECIS manufacturer and founders of Applied BioPhysics Inc. Besides the presentations in the lecture hall we hope for fruitful discussion among ECIS users during the coffee and lunch breaks. The conference dinner in particular is meant to strengthen connections between ECIS users coming from academia and industry.

Thursday, July 30th, 2009

| | |
|-------|---------------------------------------------------------------------------|
| 10:00 | Welcome |
| 10:15 | Recent Developments of the ECIS technology Ivar Giaever, Charles Keese |
| 11:00 | Attachment & Spreading, Proliferation, ECM-Interactions |
| 11:45 | Micromotion, Motility |
| 12:30 | Lunch |
| 13:30 | Monitoring Barrier Function & Modelling |
| 14:15 | ECIS as a Screening Tool 1 |
| 15:00 | Coffee Break |
| 15:30 | ECIS as a Screening Tool 2 |
| 16:15 | Round Table 1 |
| 16:30 | Evening Events |

Friday, July 31st, 2009

| | |
|-------|-----------------------------------------------------------------------------|
| 08:30 | Wound Healing / Migration |
| 09:15 | <i>In situ</i> electroporation and ECIS monitoring of the cell response |
| 10:00 | Coffee Break |
| 10:30 | ECIS in Vascular Biology |
| 11:15 | ECIS as a label-free monitoring tool to study nanoparticle-cell interaction |
| 12:00 | Lunch |
| 13:00 | Further Presentation N/N |
| 13:45 | Further Presentation N/N |
| 14:30 | Coffee Break |
| 15:00 | Further Presentation N/N |
| 15:45 | Round Table 2 and Farewell |

The conference will be held free of charge. You need to cover your own travel expenses, only. Find more details on our website www.ecis-meeting.net. An upfront confirmation for your attendance is mandatory.

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