



**USW Network Meeting**  
**Cell interactions in free suspension and in Ultrasonic traps**  
**October 7, 2004**



**Faculty of Applied Sciences**  
**Room 3A22**

**10:15-11:15** Business Meeting for grant holders

**11:00-11:30** Registration & Refreshments

**Session 1**

**11:30-11:50 Prof. Terence Coakley (Cardiff)**

*Cell interactions in two dimensional arrays levitated in an ultrasound standing wave trap.*

**12:00-12:20 Prof. John Gregory (UCL)**

*Monitoring the formation, breakage and re-growth of particle aggregates.*

**12:30-12:50 Ciska Dalm (Amsterdam)**

*The use of the acoustic cell retention device in high density mammalian cell cultures.*

**13:00-14:00** Lunch (Room 2A27)

**Session 2**

**14:00-14:20 Prof. Kevin Shakesheff (Nottingham)**

*Cell adhesion in suspension*

**14:30-14:50 Prof. Wendy Purcell and Dr. Jinsheng Xu (UWE)**

*Liver spheroids: development, functionality and uses*

**15:00-15:20 Dr. Björn Onfelt (Imperial College)**

*Membrane nanotubes connect immune cells*

**15:30-16:00** Tea/coffee

**Session 3**

**16:00-16:20 Prof. Dr Ewald Benes (Vienna University of Technology)**

*Physical sensors and particle separators based on layered piezoelectric resonators*

**16:30-16:45 Dr. Stefan Radel (Vienna University of Technology)**

*Alterations of a resonator's electrical admittance due to the ultrasonical arrangement of suspended particles within*

**17:00** Wine & nibbles

Ctrl + Click on USWNet icon top left to go to registration form. NB: this meeting is FREE, but we need to know numbers for catering arrangements, so please do register in advance if at all possible. Registration forms also available at <http://www.ucl.ac.uk/medicine/hepatology-rf/research/usw-net/>

