



# Ultrasound traps and indices of cell adhesion

Thursday 4<sup>th</sup> May 2006

Draft Programme

The UCL Institute of Hepatology  
Upper 3<sup>rd</sup> Floor, Hampstead Campus,  
Royal Free & University College Medical School  
Rowland Hill Street  
Hampstead, London, NW3 2PF

- 10.30 Registration and coffee
- 11.00 Welcome: Dr. Clare Selden; Royal Free & University College Medical School  
**Session 1: Ultrasound traps**
- 11.10 ‘Virtual walls for fluidic devices’. Dr. JJ Hawkes; University of Manchester.
- 11.40 ‘Finite element modelling of the lateral pressure distribution in an axial standing wave’.  
Drs. R.J. Townsend, N.R. Harris and M. Hill, University of Southampton.
- 12.10 **Contributed abstract: Dr. Larisa Kuznetsova**
- 12.30 Buffet Lunch
- Session 2: Indices of Cell Adhesion:**
- 13.30 Mechanochemistry of cadherin-mediated intercellular adhesion”  
Prof. J.-P. Thiery, Institut Curie, Paris.
- 13.00 “Rapid molecular responses to cell-cell contact in an ultrasound trap”  
Dr. D. Bazou, Cardiff University.
- 14.00 “Molecular mechanisms of epithelial polarization: signalling by cadherin mediated adhesion”  
Dr. V. Braga, Imperial College, London
- 14.30 Tea
- 15.00 “Biomimetic liver cell constructs”  
Dr. C Selden, Royal Free & University College Medical School
- 15.30 **Contributed abstract Dr. Gareth Edwards.**
- 15.50 **Contributed abstract Otto Manneberg**
- 16.10 Discussion Time
- 16.30 Meeting closes followed by cheese & wine reception.