



Biosensor Workshop

Monday 2nd April 2012

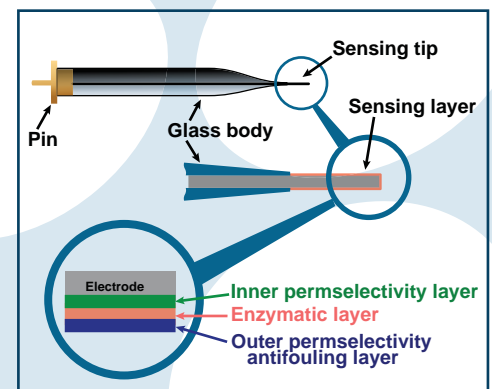
School of Life Sciences, Warwick University, UK

Latest biosensing developments demonstrated on the day!

Workshop

Hands-on training in use of biosensors to monitor changes in transmitter and metabolite release in real time:

- Individual training by experienced instructors
- Practical sessions (*in vivo* & *in vitro*: brain slices, optic nerve)
- Sensor handling skills, technical tips from experienced users
- Biosensors for demonstrations: lactate, glucose, adenosine, ATP, glutamate and D-serine



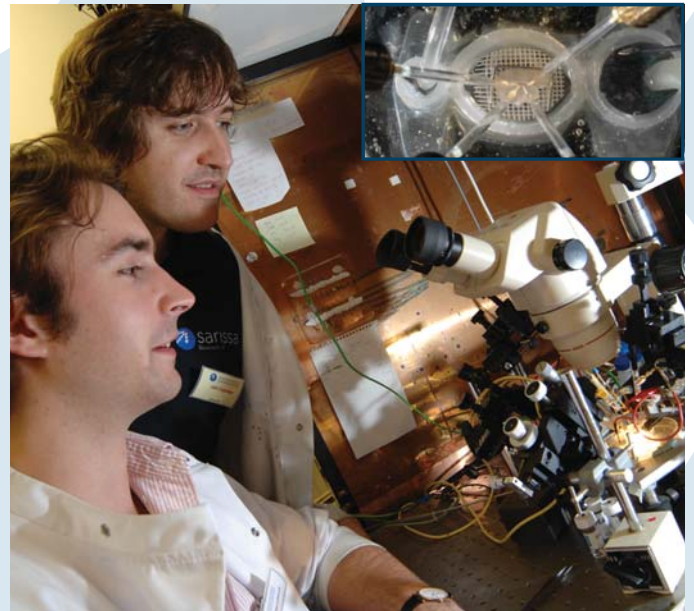
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School of Life Sciences

Gibbet Hill Campus, Warwick University
Coventry, UK, CV4 7AL

Programme

- 09:30 Wellcome
10:00 Introductory seminar
10:30 Dr Phil Haydon seminar
11:30 Initial demonstrations & practice
12:30 Lunch
13:30 Demonstrations & hands-on practice
15:30 Coffee/tea
16:00 Demonstrations & hands-on practice
17:30 Close



Guest participants

Dr. Phil Haydon, Chair of Neuroscience, Tufts University, Boston. He is famous for his studies on the physiology of astrocytes and has developed the concept of the "tripartite synapse". Phil's recent research has focused on epilepsy, sleep disorders and depression, with aim of identifying mechanisms by which astrocytes regulate synaptic transmission and neuronal behaviour.

Dr. Angus Brown, Associate Professor of Neuroscience, University of Nottingham Medical School. Angus studies energy metabolism in the brain, particularly in the white matter: roles of non-glucose substrates; effects of glucose deprivation; and the roles of glycogen as an energy store. Angus will demonstrate lactate release from isolated optic nerve *in vitro*.

As there is a limit of 15 places in this workshop, all interested should register. There is a registration fee of £80. For more information please contact sales@sarissa-biomedical.com

In cooperation with University of Warwick