

# International Workshop on Microdialysis

22<sup>nd</sup> -23<sup>rd</sup> September 2014, Robinson College, Cambridge, UK.

Microdialysis is being used extensively for research and increasingly for the bedside monitoring of patients. The foundations of this technique can be seen in the convergence of technological advances in micro-fluidics and electrochemistry. From these early days when its use was limited to the study of brain neurophysiology, to more recent times in diverse fields, the technique is at the forefront of advances in monitoring. Microdialysis draws on improvements in analytical techniques, biomaterial advances and enhanced micro-fluidics in an effort to elucidating bio-chemical functioning and with the allure of providing 'windows of opportunity' to mitigate injury and disease for healthcare. However, as different disciplines take up microdialysis the diversity increases the threat of isolation. This scientific workshop aims to cover all aspects of microdialysis with contributions from current researchers, and bring people together in a friendly atmosphere to encourage interactions and promote the effective use of the technique.



## Monday 22nd September (provisional programme) An International Workshop on Microdialysis

12:00 – 14:00	Registration & lunch	
	Prof Martyn Boutelle	Real-Time Clinical Monitoring of Bio-molecules
	Dr Jan Krejci	Microdialysis modeling - What can be learnt from other technologies
	Dr Keri Carpenter	<sup>13</sup> C-labelled microdialysis studies of cerebral metabolism
15:30	Tea / Coffee break	
	Dr Heike Bittersohl	Microdialysis of Immunosuppressive Drugs
	Prof. Chris Anderson	If cutaneous microdialysis is the answer – what is the question?
	Prof William Couet	Microdialysis and PK-PD modeling
17:00	End of day 1	
19:30	Workshop Dinner	

## Tuesday 23rd September (provisional programme)

7.30 - 8.45	Breakfast	
9:00	Start of Day 2	
	Dr Ragini Bhake	Automated 24-hours sampling of subcutaneous tissue free cortisol in humans
	Dr Helen Rowley	CNS Pharmacology and dual probe studies
	Prof Peter Hutchinson	Application of microdialysis to neuro-critical care
10:30	Tea / Coffee break	
	Dr Pernilla Abrahamsson	Surface microdialysis
	Prof Martin Church	Microdialysis in allergy research
	Dr Francesco Baldini	Subcutaneous tissue as a promising alternative site for monitoring stress in vivo
13:00 – 14:00	Lunch / Workshop ends	

Presentations posters (boards 1.2m wide 0.9m high) and oral are invited via submission of an abstract to be received by:

**NEW EXTENDED DEADLINE 12:00h (GMT) 12<sup>th</sup> September 2014**

Please complete the attached abstract form and email to Mark O'Connell at [mark.oconnell@probescientific.com](mailto:mark.oconnell@probescientific.com)

Early bird registration by **14<sup>th</sup> August 2014** is £54. After this date the fee will be: £90. The registration fee includes lunches on Monday and Tuesday and dinner on Monday night. Please go to the Robinson College web site for Registration and terms and conditions: <https://www.robinson.cam.ac.uk/conferences/dms/index.php?eid=33>

Accommodation is available within the College but must be booked via the registration site and is strictly on a first to book basis. So please book early to avoid disappointment. <https://www.robinson.cam.ac.uk/conferences/dms/index.php?eid=33>

(This link can also be found on Probe's website <http://www.probescientific.com/newsandevents/events/detail.asp?itemID=87> and the NanoDem website: <http://nanodem.ifac.cnr.it/index.php/events-and-workshops?id=18>)

We look forward to your participation.

Best regards

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