

OPTICAL TECHNIQUES

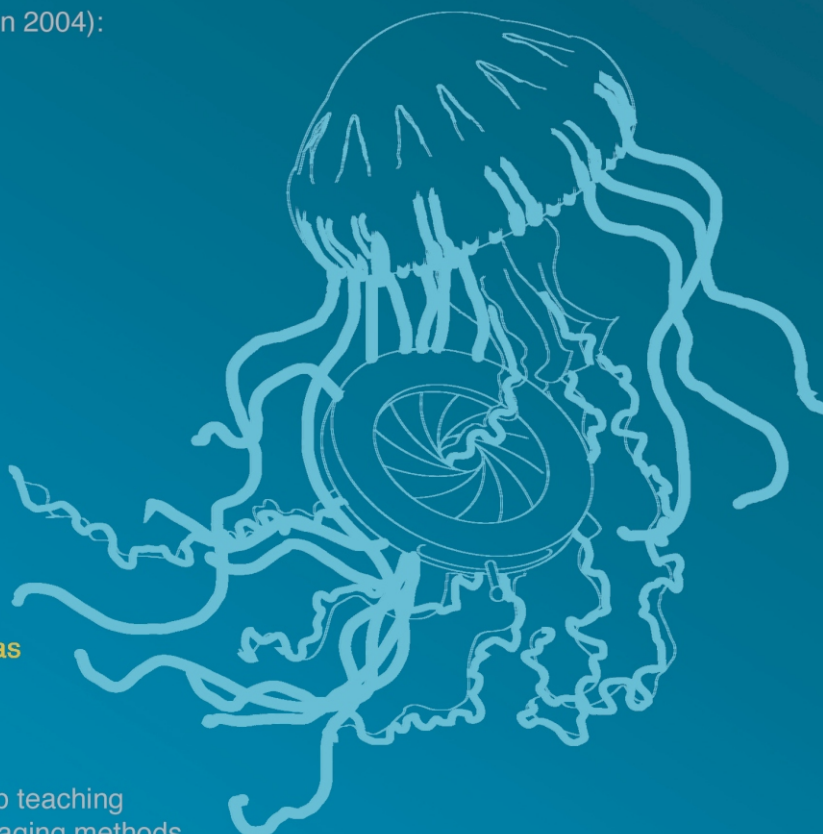
FOR CELL PHYSIOLOGY AND DEVELOPMENTAL BIOLOGY

An  Workshop held at the MARINE BIOLOGICAL ASSOCIATION,

PLYMOUTH, U.K. 30 March - 9 April 2005

Speakers and demonstrators (in 2004):

W.B. Amos - D. Becker
B. Billups - J. Bothwell
C. Brownlee - M. Canepari
N. Carter - T. Carter
C. Coates - L. Cohen
R. Chow - J. Corrie
R. Dale - J. Dempster
D. DiGregorio - G. Dunn
I. Eigenbrodt - N. Emptage
M. Erent - J. Graham
J. Haseloff - G. Mashanov
J. Molloy - D. Ogden
S. Patel - D. Piston
S. Reichelt - C. Richards
N. Russell - P. Shaw
D. Stacey - K. Suhling
C. Thrasivoulou - M.V. Thomas
R.Y. Tsien - B. Vojnovic
J. White - D. Wokosin



An intensive, practical workshop teaching the technical basis of optical imaging methods applied to cell physiology and developmental biology.

Topics covered in lectures, practicals and demonstration will include:

- Conventional brightfield microscopy
- Interference contrast techniques
- Epifluorescence microscopy
- Confocal microscopy - Digital cameras
- Photolysis - Photometry - Laser traps
- Multi-photon confocal microscopy
- Total internal reflection fluorescence microscopy

**Deadline for applications
21 January 2005**

A brief description of your current research project (2 pages), C.V. and letter of support should be sent to:
'Optical Techniques Workshop
Marine Biological Association
Citadel Hill, Plymouth PL1 2PB, UK
Email address: optical@mba.ac.uk

www.mba.ac.uk/courses

Sponsored by EMBO, FEBS, Company of Biologists and Physiological Society

Coordinators: W.B. Amos, D. Becker, C. Brownlee, D. Ogden, S. Reichelt, C. Richards