



WE ARE SITUATED

Within a 5 minute walk of Stoke-on-Trent train station and a 5 minute drive from the A500, allowing direct access to J15 and J16 of the M6.

VEHICULAR PARKING

FREE parking facilities are available, providing 10-14 days notice is given in advance.

ACCOMMODATION

A list of hotels, including their location relative to the university, can be forwarded upon request. (COURSE FEE DOES NOT INCLUDE ACCOMMODATION)

FOR FURTHER INFORMATION

Sara Buckley

Staffordshire University, Faculty of Sciences,
Mellor Building, College Road,
Stoke on Trent, ST4 2DE, Staffordshire.

Tel: 01782 294489

E-mail: s.l.buckley@staffs.ac.uk

COURSE DETAILS

This 2 day, predominantly "hands-on" laboratory course will appeal to individuals wishing to refresh or develop their knowledge and laboratory skills within the fields of *Diagnostic Immunology and Cytology*, perhaps in support of their continued professional development.

This course will actively provide delegates with an understanding of the terms and techniques through "hands-on" laboratory work together with integrated lectures on the theoretical basis of the topic.

The ratio of attendees to instructors is kept to the minimum to ensure adequate supervision is maintained, providing ample opportunities for one-to-one discussion throughout the course.



Diagnostic Techniques in Immunology/Cytology

-a practical approach

2 - 3 June 2008

CPD accredited (14 credits) by the
Institute of Biomedical Sciences

PROGRAMME OF EVENTS

Day 1: Dr Stephen Merry (SENIOR LECTURER IN CELL BIOLOGY) will begin with a themed laboratory investigation where participants will measure IgA levels in an immunocompromised individual by the application of ELISA and Radial immunodiffusion. Critical evaluation will occur through the analysis and interpretation of the experimental results.

Please note that the practical components scheduled for DAY 1 will continue in DAY 2.

A presentation by a specialist guest speaker (TBC) will conclude the day's events.



Day 2 : will begin with an introduction to the scientific basis underlying the techniques applied in *Diagnostic Cytology*.

Participants will prepare and stain murine cells for examination using light and fluorescence microscopy. Microscope slides of dividing and non-dividing cells will be examined to identify cellular components, specifically chromosome visualisation and banding (karyotyping). These techniques are applied in the diagnosis of inherited and acquired diseases such as Fragile X, Down's syndrome and malignancies.

DAY 2 also includes a presentation by Paula White, *Principal Clinical Cytogeneticist* (WEST MIDLANDS REGIONAL GENETICS LABORATORY) on the diagnostic application of FISH (Fluorescence In Situ Hybridisation).

BOOKING FORM

To register please return this completed form to Ms Sara Buckley at the address overleaf by the 9 May 2008.

FULL NAME.....

ADDRESS.....

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.....POSTCODE

TELEPHONE.....

EMAIL.....

IBMS NUMBER.....

COST OF ATTENDANCE: £320

£295 (IBMS)

(Light refreshments and buffets are included in the cost)

CHEQUES: should be made payable to Staffordshire University and returned with this form.

CREDIT/DEBIT CARD: Please telephone our Finance office on 01782 294412. Record the receipt number as proof of purchase.

To receive an INVOICE: Please send a copy of the purchase order with this form.

NO REFUNDS will be made within 14 days of the commencement of the course; however, substitutions can be made at any time. Staffordshire University reserves the right to cancel the course if undersubscribed.