

ACEM



Pathological Society of Great Britain & Ireland

Centenary Meeting

ACEM companion meeting

Thursday 6th July 2006

Programme



Chancellors*

9.00am

Registration

9.40 – 10.30am

Human DNA & RNA Viruses: Life cycle, Negative stained, and Thin section.

Mr Bart Wagner, Northern General Hospital, Sheffield.

Mr Barry Dowsett, Porton Down, Salisbury.

Chair: Dr Roland Fleck, National Institute for Biological Standards and Control, London.

10.30 – 11.00am

Coffee break

11.00 – 11.40am

Virological diagnosis in the veterinary laboratories agency

Mr Bill Cooley, Veterinary Laboratories Agency, Addlestone.

Chair: Dr Roland Fleck, National Institute for Biological Standards and Control, London.

11.50 – 12.40pm

Use of EM in bone disease - diagnosis and therapy

Dr John Cassella, Staffordshire University, Stoke on Trent.

Chair: Mr Bart Wagner, Northern General Hospital, Sheffield.

1.00 - 2.00pm

Lunch break.

2.00 – 2.50pm

Ultrastructure of erythroblasts in health and disease

Professor Sunitha Wickramasinghe, St Mary's Hospital, London.

Chair: Dr Jill Moss, Charing Cross Hospital, London.

2.55 – 3.30pm

Case Presentations

Dr Ian Scott Queen's Medical Centre, Nottingham Chair: Mrs Natalie Costin-Kelly, Children's Hospital, Birmingham.

3.30 – 4.00pm

Tea break

4.00 – 5.00pm

AGM – open to ACEM members and non-members.

Chair: Dr Tim Ryder, Charing Cross Hospital, London

IF YOU HAVE
NOT
REGISTERED
PLEASE
CONTACT
[WWW.PATHSOC.
ORG.UK](http://WWW.PATHSOC.ORG.UK)

SEE YOU IN
MANCHESTER

AGM - Committee posts are up for re-election, interest from the ACEM membership contact any of the current committee.

*Interesting footnote: The Chancellors Building in which ACEM will hold its meeting has recently been used to recreate the storming of the Iranian Embassy by the SAS in 1980 for a film. Apparently Chancellors architecture is similar to the original Iranian Embassy in London.

Obituary

Dr Geoff Newman of University of Wales College of Medicine, Cardiff

Sadly one of ACEM's members, Dr Geoff Newman, died on 13th February 2006 following a short but serious illness. Geoff was an enthusiastic electron microscopist and was Director of the Microscopy Unit at the School of Medicine in Cardiff until his untimely death. Many of us use LR-White resin for immunogold localisation studies and this was invented by Geoff Newman. He obviously had a keen interest in plastic embedding media as he wrote a textbook on this subject with Dr Jan Hobot (*Resin Microscopy and On-section Immunocytochemistry*, Springer-Verlag 2001). Geoff's demise is a sad loss to the world of electron microscopy and we send our deepest sympathy to his wife and family. The Society for EM Technology (SEMT) is planning to hold a Microscopy Meeting in Geoff Newman's honour later this year.

Publications List

Eyden B

The myofibroblast: a study of normal, reactive and neoplastic tissues, with an emphasis on ultrastructure. Part 2 – Tumours and tumour-like lesions

Journal of submicroscopic Cytology and Pathology **37**, 231-296, 2005

Drake MJ, Fry CH, Eyden B

Structural characterization of myofibroblasts in bladder

British Journal of Urology International **97**, 29-32, 2006

Romeo S, Eyden B, Prins FA, Briaire-de Bruijn IH, Taminiau AH, Hogendoorn PC

TGF-beta1 drives partial myofibroblastic differentiation in chondromyxoid fibroma of bone

Journal of Pathology **208**, 26-34 2006

Curry A, Appleton H, Dowsett B

Application of transmission electron microscopy to the clinical study of viral and bacterial infections: present and future (Review)

Micron **37**, 91-106, 2006

Workforce Review - Update

It was hoped that by the time you read this, ACEM, in association with the NHS Workforce Review Team (WRT), would have held a Workshop to review the future need for EM in Healthcare Science. Unfortunately the problems of getting all the stakeholders to agree an appropriate date has meant that the Workshop has had to be postponed. We are now hoping to hold the Workshop on either the 17th or 18th October at the Royal College of Physicians in London. The WRT have sent out invitations to experts in those branches of medicine that currently make use of EM in their diagnostic process (e.g. renal pathology, neuromuscular pathology, dermatology, oncology, andrology, paediatric pathology, respiratory medicine, virology etc.) The task of the participants at the workshop will be to try and predict the future requirement for EM in their respective disciplines. Based on their conclusions an attempt will be made to recommend how the service should be configured in the future.

Hopefully, by the time the next issue appears, the workshop will have taken place. Tim Ryder, Chairman, ACEM

Technical EQA

The technical Electron Microscopy EQA scheme successfully completed its first round of assessment looking at stained semi-thin sections in December 2005. 18 EM units participated in this round of assessment and results were made available on the ACEM website for participants

In January the inaugural meeting of the electron microscopy (EM) technical EQA scheme at Charing Cross Hospital was held. The meeting was well attended, with 40 delegates from all across the UK and Ireland present. The group heard from the organisers of this scheme Bart Wagner, Tracey de Haro and Peter Wells-Jordan. In addition, there were informative presentations by Dr Rosalind King and Leica's Gareth Jackson. The need for a technical EM EQA scheme was discussed and feedback from the preliminary run was presented.

The second round of assessment is now underway looking at stained grids. These grids are due for assessment on June 23rd and results will be posted on the ACEM website shortly after this date. We anticipate over 20 EM units to submit grids for this round of assessment and include contributors from outside of the UK and Ireland.

There have been a few changes in the scheme, the most significant being the stepping down of Bart Wagner and Peter Wells-Jordan from organisation of the scheme. This has been due to changes in employment and pressures of work, however they will both remain as assessors of the scheme. Their contribution in getting the scheme established has been invaluable and their hard work should be commended. Tracey de Haro remains in place as scheme organiser and can be contacted on tracey.deharo@uhl-tr.nhs.uk

Tracey de Haro

Patrick Costigan

ACEM member Patrick Costigan has recently been ill and has required surgery. We wish him a speedy recovery

Articles from the ACEM membership will be considered for publication in future issues. If you have an interesting article in mind, please contact any of the ACEM committee.