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Dr. Rory Comerford, Department of Experimental Medicine, University College, Galway, Ireland.

Dr. William Reville, Electron Microscopy Unit and Biochemistry Department, University College, Cork, Ireland.

Venue for 14th Annual Symposium: University College, Cork, Ireland.

Organiser of 14th Annual Symposium: Dr. William Reville.

RESEARCH COMMUNICATIONS - ORAL PRESENTATIONS.

A study of the atrioventricular valves of the guinea pig using scanning electron microscopy

A.D.K. Hill, J. Folan-Curran and D. Cottell.

Anatomy Department, University College Dublin, Ireland.

Spermatogenesis in the liver fluke, Fasciola hepatica: the effects of microfilament and microtubule disruption.

A.W. Stitt and I. Fairweather.

School of Biology and Biochemistry, The Queen's University, Belfast, Northern Ireland.

The interaction of epithelial cells with the diterpine forskolin: An in vitro study.

Cormac O'Connell¹, David C. Cottell², Eileen Redmond and Alan K¹. Keenan¹

¹ Department of Pharmacology, University College, Dublin, Ireland.

² The Electron Microscopy Laboratory, University College, Dublin, Ireland.

An investigation of the mucilage glands of Gunnera tinctoria using light and electron microscopy.

Fiona Doris, Bruce Osborne and Martin Steer.

Department of Botany, University College, Dublin, Ireland.

The ultrastructure of articular tissue generated from free periosteal grafts.

W.A. Curtin¹ and W.J. Reville²

¹ Department of Surgery, University College, Cork, Ireland.

² Electron Microscopy Unit, University College, Cork, Ireland.

Transmission electron microscopy of zymosan-induced arthritis in the rat knee joint.

A.B. Etwebi and F.R. Comerford.

Department of Experimental Medicine, University College, Galway, Ireland.

Collagen profiles in normal and fibrillated articular cartilage.

W.A. Curtin¹ and W.J. Reville²

¹ Department of Surgery, University College, Cork, Ireland.

² Electron Microscopy Unit, University College, Cork, Ireland.

The effects of BudR induced cleft palate on pulmonary development in the fetal mouse.

D.C. Cottell¹ and J.G. Bannigan²

¹ The Electron Microscopy Laboratory, University College, Dublin, Ireland.

² The Department of Anatomy, University College, Dublin, Ireland.

Dystrophic epidermolysis bullosa and AA amyloidosis in siblings.

E.F. Gaffney, C. McCormick, A. Mynes, G. Browne, J.F. Burke and M.M. Young

M. Unit and Department of Histopathology, St. James's Hospital, Dublin. 2
Department of Dermatology, Adelaide Hospital, Dublin, Ireland.

Neural development in the asexually dividing tetrathyridium of Mesocestoides corti.

A.J. Burns, G. McKerr, H. Yaegashi*, C.V. Howard* and J.M. Allen.

Biomedical Sciences Research Centre, University of Ulster, Coleraine, Northern Ireland.

*Department of Human Anatomy and Cell Biology, University of Liverpool.

An ultrastructural study of asexual reproduction and exogenous bud differentiation in Taenia crassiceps cysticerci.

R.A. McKinney, G. McKerr, C.V. Howard* and J.M. Allen.

Biomedical Sciences Research Centre, University of Ulster at Coleraine, Northern Ireland.

*Department of Human Anatomy and Cell Biology, University of Liverpool.

Grillotia erinaceus: The nature of the nervous system as revealed by electron microscopy and confocal scanning laser microscopy.

K.D. Crangle, G McKerr, C.V. Howard* and J.M Allen.

Biomedical Sciences Research Centre, University of Ulster at Coleraine,
Northern Ireland.

*Department of Human Anatomy & Cell Biology, University of Liverpool.

Pseudosarcoma of the oesophagus

A. O'Mahony, H. O'Donoghue, G. O'Sullivan and J.K. Collins.

Departments of Microbiology and Surgery, University College and Mercy
Hospital, Cork, Ireland.

RESEARCH COMMUNICATIONS - POSTER PRESENTATIONS.

An evaluation of the usefulness of air-drying biological samples from tetramethylsilane in preparation for scanning electron microscopy.

William J. Reville and Myriam P. Cotter.

Electron Microscopy Unit, University College Cork, Ireland.

Environmental and biological impact of antifouling agents on bivalves using electron microscopy and atomic absorption analysis.

H. Harriott, G. Brennan and D. Kempston.

The Schools of Chemistry, Biology and Biochemistry, David Keir Building, The
Queens University of Belfast, Northern Ireland.

The toxicity and accumulation effects of tin complexes to marine algae (seaweed) growth.

G. Brennan, H. Harriott and C. McGarrity.

The Schools of Chemistry, Biology and Biochemistry, David Keir Building, The
Queen's University of Belfast, Northern Ireland.

Characterisation of cell lines derived from human squamous carcinoma of the oesophagus.

S. Nolan, J.K. Collins, G. O'Sullivan, H. O'Donoghue, A. Corbett, J. Barrett, A.
O'Mahony and F. O'Brien.

Department of Microbiology, University College, Cork and Department of
Surgery, Mercy Hospital, Cork, Ireland.

Comparison of tissue preparation methods for SEM studies of wheat epicuticular waxes.

C. Crowley¹, H. Cotter², P. Jones¹ and W. Reville.²

¹ Department of Plant Science, University College, Cork, Ireland.

² Electron Microscopy Unit, University College, Cork, Ireland.

Multilevel resist schemes using E.Beam lithography.

J. O'Brien¹, W. Kelly¹ and B. Lyons²

¹ National Microelectronics Research Centre, University College, Cork.
² Farran Technology Ltd., Cork, Ireland.

Auxospores of three centric diatoms.

D.H. Jewson and S. Lowry.

Department of Biological and Biomedical Sciences, University of Ulster,
Coleraine, Co. Londonderry, Northern Ireland.

The effect of the anesthetic halothane on the ultrastructure of sarcoplasmic reticulum membrane.

Deborah Linehan, William J. Reville and James J.A. Heffron. Biochemistry
Department, University College Cork, Ireland.

An ultrastructural study of the attachment process in Grillotia erinaceus.

K.D. Crangle, G. McKerr, C.V. Howard* and J.M. Allen.

Biomedical Sciences Research Centre, University of Ulster at Coleraine,
Northern Ireland.

*Department of Human Anatomy and Cell Biology, University of Liverpool.

A unique perforated microaneurysm on a vessel deep in the adventitia of the saphenous vein of the dog.

T.P. Crotty,

Anatomy Department, University College, Cork, Ireland.

An SKM study of Mesocestoides corti grown in vivo and in vitro.

A.J. Burns, G. McKerr, C.V. Howard* and J.M. Allen.

Biomedical Sciences Research Centre, University of Ulster, Coleraine, Northern
Ireland.

*Department of Human Anatomy and Cell Biology, University of Liverpool.

Laboratory methods for detection of human papilloma virus.

J.A. Barry, P.G. Annis, W.F. Kealy and J.M. Hogan.

Department of Histopathology, Regional Hospital, Cork, Ireland.

Clinico-Pathological findings in fatal congenital nemaline myopathy.

C. Keohane, N. Tangney and E. O'Murchu.

Cork Regional and Bon Secours Hospitals, Cork, Ireland.

An ultrastructural study of the nervous system of the metacestode Taenia Crassiceps.

R.A. McKinney, G. McKerr, J.M. Allen and C.V. Howard*.

Biomedical Sciences Research Centre, University of Ulster at Coleraine,
Northern Ireland and *Department of Human Anatomy and Cell Biology,
University of Liverpool).

Microcrystalline morphology of Portland cement mixes containing limestone filler.

Orla Slattery and David M.F. Orr.