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## Wellcome Trust Award Lecture



Chromatin-modifying enzymes in transcription and cancer

**T. Kouzarides**

**741-743**

## Biochemical Society Focused Meeting

### Therapeutic Applications of Mannan-Binding Lectin

Royal College of Physicians of Edinburgh, 20 March 2003

**Edited by D. C. Kilpatrick (Edinburgh)**

*Sponsored by The Biochemical Society, NatImmune and the Scottish National Blood Transfusion Service*

Introduction to mannan-binding lectin

**D.C. Kilpatrick**

**745-747**

Biochemistry and genetics of mannan-binding lectin (MBL)

**J.S. Presanis, M. Kojima and R.B. Sim**

**748-752**

Anti-microbial activities of mannose-binding lectin

**D.L. Jack and M.W. Turner**

**753-757**

Mannan-binding lectin (MBL) production from human plasma

**I. Laursen**

**758-762**

Recombinant mannan-binding lectin (MBL) for therapy

**J.C. Jensenius, P.H. Jensen, K. McGuire, J.L. Larsen and S. Thiel**

**763-767**

Infusion of plasma-derived mannan-binding lectin (MBL) into MBL-deficient humans

**H. Valdimarsson**

**768-769**

Clinical potential of mannose-binding lectin-replacement therapy

**J.A. Summerfield**

**770-773**

Mannan-binding lectin (MBL) serum levels and post-operative infections

**M. Siassi, W. Hohenberger and J. Riese**

**774-775**

Consensus statement on the future of mannan-binding lectin (MBL)-replacement therapy

**D.C. Kilpatrick**

**776**

## Independent Meetings

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### BPI-Like Proteins in Oral and Airway Epithelia

Holiday Inn, Ventura, California, U.S.A., 7 February 2003

**Edited by C. D. Bingle (Sheffield) and S.-U. Gorr (Louisville, KY)**

*Sponsored by Baxter Healthcare, XOMA, HyCult Biotechnology and The Center for Oral Health and Systemic Disease, University of Louisville School of Dentistry, KY, U.S.A.*

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*Psp* and *Smgb*: a model for developmental and functional regulation in the rat major salivary glands

**W.D. Ball, L. Mirels and A.R. Hand**

**777-780**

Bovine parotid secretory protein: structure, expression and relatedness to other BPI (bactericidal/permeability-increasing protein)-like proteins

**T.T. Wheeler, K. Hood, K. Oden, J. McCracken and C.A. Morris**

**781-784**

Bactericidal/permeability-increasing protein (BPI) and lipopolysaccharide-binding protein (LBP): structure, function and regulation in host defence against Gram-negative bacteria

**J. Weiss**

**785-790**

Structure of human BPI (bactericidal/permeability-increasing protein) and implications for related proteins

**L.J. Beamer**

**791-794**

Expression of BPI (bactericidal/permeability-increasing protein) in human mucosal epithelia

**O. Levy, G. Canny, C.N. Serhan and S.P. Colgan**

**795-800**

Four BPI (bactericidal/permeability-increasing protein)-like genes expressed in the mouse nasal, oral, airway and digestive epithelia

**E.E. LeClair**

**801-805**

Comparative analysis of the PLUNC (palate, lung and nasal epithelium clone) protein families

**C.D. Bingle and C.J. Craven**

**806-809**

PLUNC (palate, lung and nasal epithelial clone) proteins in human nasal lavage fluid

**B. Ghafouri, E. Kihlström, B. Ståhlbom, C. Tagesson and M. Lindahl**

**810-814**

Expression and anti-bacterial activity of human parotid secretory protein (PSP)

**C. Geetha, S.G. Venkatesh, B.H. Fasciotta Dunn and S.-U. Gorr**

**815-818**

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### Molecular Mechanisms of Exocytosis and Endocytosis

University of Edinburgh, March 23-25 2003

**Edited by D. Apps (Edinburgh)**

*Supported by The Wellcome Trust, The International Society for Neurochemistry, The Physiological Society, The Biochemical Society and The International Union of Biochemistry and Molecular Biology*

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Visualizing membrane trafficking using total internal reflection fluorescence microscopy

**V. Beaumont**

**819-823**

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| Regulation of the exocytotic machinery by cAMP-dependent protein kinase: implications for presynaptic plasticity<br><b>G.J.O. Evans and A. Morgan</b>                                                       | 824-827 |
| Neuronal calcium sensor-1: a multifunctional regulator of secretion<br><b>S. Hilfiker</b>                                                                                                                   | 828-832 |
| Insulin secretion by 'kiss-and-run' exocytosis in clonal pancreatic islet $\beta$ -cells<br><b>T. Tsuboi and G.A. Rutter</b>                                                                                | 833-836 |
| Relationship between fusion pore opening and release during mast cell exocytosis studied with patch amperometry<br><b>L. Tabares, M. Lindau and G. Alvarez de Toledo</b>                                    | 837-841 |
| Requirement for <i>N</i> -ethylmaleimide-sensitive factor for exocytosis of insulin-containing secretory granules in pancreatic $\beta$ -cells<br><b>J. Vikman, X. Ma, M. Tagaya and L. Eliasson</b>        | 842-847 |
| Role of Munc18-1 in synaptic vesicle and large dense-core vesicle secretion<br><b>R.F.G. Toonen</b>                                                                                                         | 848-850 |
| Red, yellow, green go! – a novel tool for microscopic segregation of secretory vesicle pools according to their age<br><b>U.K. Wiegand, R.R. Duncan, J. Greaves, R.H. Chow, M.J. Shipston and D.K. Apps</b> | 851-856 |
| Kinases in clathrin-mediated endocytosis<br><b>V. Korolchuk and G. Banting</b>                                                                                                                              | 857-860 |
| Imaging SNAREs at work in 'unroofed' cells – approaches that may be of general interest for functional studies on membrane proteins<br><b>T. Lang</b>                                                       | 861-864 |

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## Ion Channels and Assembly

Harrogate International Centre, 13-16 April 2003

**Edited by C. Connolly (Dundee), N. Millar (Dundee) and J. McIlhinney (Oxford)**

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| Assembly of <i>N</i> -methyl-D-aspartate (NMDA) receptors<br><b>R.A.J. McIlhinney, E. Philipps, B. Le Bourdelles, S. Grimwood, K. Wafford, S. Sandhu and P. Whiting</b>                                    | 865-868 |
| Assembly and subunit diversity of nicotinic acetylcholine receptors<br><b>N.S. Millar</b>                                                                                                                  | 869-874 |
| Multiple assembly signals in $\gamma$ -aminobutyric acid (type A) receptor subunits combine to drive receptor construction and composition<br><b>K. Bollan, L.A. Robertson, H. Tang and C.N. Connolly</b>  | 875-879 |
| Real-time imaging of $\alpha$ -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor (AMPA receptor) movements in neurons<br><b>P. Perestenko, M.C. Ashby and J.M. Henley</b>                        | 880-884 |
| Early events in the trafficking of <i>N</i> -methyl-D-aspartate (NMDA) receptors<br><b>R.J. Wenthold, N. Sans, S. Standley, K. Prybylowski and R.S. Petralia</b>                                           | 885-888 |
| Pre- and post-synaptic mechanisms regulating the clustering of type A $\gamma$ -aminobutyric acid receptors (GABA <sub>A</sub> receptors)<br><b>J.-M. Fritschy, C. Schweizer, I. Brünig and B. Lüscher</b> | 889-892 |