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## PLANT MEMBRANES – STRUCTURE, ASSEMBLY AND FUNCTION

Edited by J.L. HARWOOD and T.J. WALTON

This book records the proceedings of a meeting organized by the Phytochemical Society of Europe, the Membrane Group of the Biochemical Society and the Plant Metabolism Group of the Society for Experimental Biology and held at University College Cardiff in April 1988. Topics covered include membrane structure and its modification by different factors, synthesis of components and membrane assembly, molecular function of membrane components and physiological aspects of membranes.

Contents: *Recent structural studies on biomembranes* by P.I. Harris & D. Chapman; *Identification and isolation of photosystem I and photosystem II pigment-proteins from higher plants* by G.F. Peter, O. Machold & J.P. Thornber; *Structure, function and biogenesis of nuclear-encoded proteins of photosystem II* by B. Andersson & R.G. Herrmann; *Lipid topology and the role of lipids in plant membrane structure* by W.P. Williams; *Use of yeast lipid-synthesis mutants in establishing membrane function* by K.D. Atkinson; *Surface electrical charges and their role in membrane function* by J. Barber; *Catabolic regulation of thylakoid membrane structure and function during senescence* by H. Thomas; *Heat stress and membranes* by K.A. Santarius & E. Weis; *Glycerolipid synthesis* by J.L. Harwood; *Processing peptidases of higher plant chloroplasts* by P.D. Elderfield, J.E. Musgrove, P.M. Kirwin & C. Robinson; *The synergistic effect of light and heat stress on the inactivation of photosystem II* by G. Schuster, S. Schochat, N. Adir, D. Even, D. Ish-Shalom, B. Grimm, K. Kloppstech & I. Ohad; *The molecular genetics of thylakoid proteins* by T.A. Dyer; *Properties of the photosystem II quinone binding region* by M.C.W. Evans, J.H.A. Nugent, J.A.M. Hubbard, C. Demetriou, C.J. Lockett & A.R. Corrie; *A veteran's look at the chloroplast H<sup>+</sup> - ATPase and photosystem I reaction center* by N. Nelson; *Lipid-protein interactions and membrane function* by K. Gounaris, D.J. Chapman & J. Barber; *Plasma membrane H<sup>+</sup> - ATPase* by R.T. Leonard; *Intracellular cannibalism in higher plant cells* by R. Douce, R. Bligny, A. J. Dorne & C. Roby; *Herbicide action on photosynthetic membranes* by A. Trebst; *Effects of water stress on photosynthesis and related processes* by M. Speer, J.E. Schmidt & W.M. Kaiser; *Chilling sensitivity and phosphatidylglycerol biosynthesis* by N. Murata, O. Ishizaki & I. Nishida; *Calcium, protein kinase and the plasma membrane* by S. Gilroy, D. Blowers, M. Collinge, H. Harvey & A.J. Trewavas; *Transport across membranes* by J.A. Raven.

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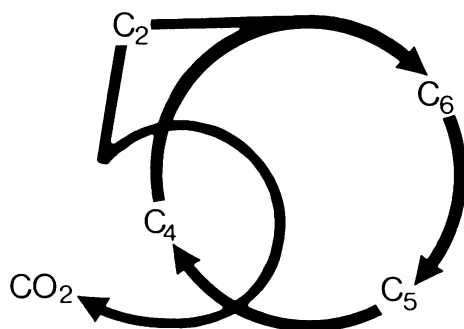


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# Krebs' Citric Acid Cycle — Half a Century and Still Turning



Edited by J. KAY and  
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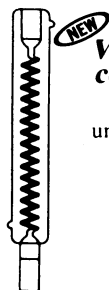


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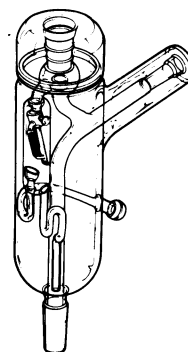


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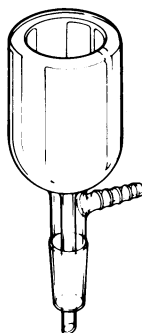
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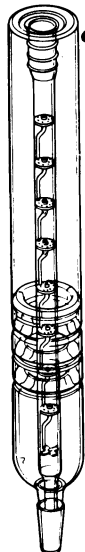
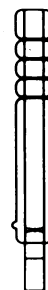
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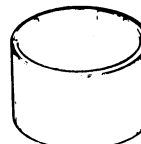
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