Plant lipid biochemistry, structure and utilization

edited by Peter Quinn and John Harwood

The Ninth International Symposium on Plant Lipid Biochemistry was held at Wye College, Kent, in July 1990. Not only has the scale and scope of the topic expanded since the first biennial meeting in 1974, but there have been giant strides, particularly in the last few years, in our knowledge of the detailed structure and function of plant lipids. Industry has never been slow to recognize the commercial importance of plant lipids and has invested heavily in the new technologies described in this book. Virtually all the laboratories that have contributed to these developments were represented at the meeting, and this volume is a compendium of their individual contributions.

Contents: the articles, both plenary lectures and poster contributions, are arranged under the following topics: lipid structure and analysis, physical properties of membrane lipids, role of lipids in membranes, fatty acid synthesis, acylcoenzymeases and acyltransferases, triacylglycerol formation, polar lipid synthesis and translocation, catabolism of lipids, sterols and terpenoids, modulation of membrane lipid turnover, effect of light and temperature, herbicides and pathological changes in plant lipids, molecular biology and biotechnology.

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