



# PROGRESS IN LIPID RESEARCH

Publishing Invited Reviews

## AUTHOR INFORMATION PACK

### TABLE OF CONTENTS

●	<b>Description</b>	<b>p.1</b>
●	<b>Audience</b>	<b>p.2</b>
●	<b>Impact Factor</b>	<b>p.2</b>
●	<b>Abstracting and Indexing</b>	<b>p.2</b>
●	<b>Editorial Board</b>	<b>p.2</b>
●	<b>Guide for Authors</b>	<b>p.4</b>



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### DESCRIPTION

The importance of **lipids** as one of the fundamental classes of biological compounds is well established. The application of our of the **biochemistry, chemistry** and **physiology** of **lipids** to biotechnology, the fats and oils industry and medicine have continued to expand apace. In addition new dimensions such as **lipid biophysics**, especially with relevance to membranes and lipoproteins, and basic liposome research and applications have been added. To cope with all these advances in knowledge a journal is needed to review recent progress in particular fields and to set current research against its historical background. *Progress in Lipid Research* fulfils this role.

Each volume contains up-to-date surveys of special aspects of **lipid research**. The invited reviews are comprehensive enough to provide sufficient overview but concentrate on reporting and critically appraising the most recent data. Subjects are chosen for their timeliness or because major developments have taken place in the last few years. They include methodological reviews as well as chemical, biochemical and medical articles. All lipid compounds and derivatives are covered, ranging from fatty acids and other simple molecules, through steroids, terpenoids and phospho- or glycolipids to complex structures such as lipoproteins and biological membranes. We hope that those whose main interest is in lipid biophysics and liposome research will join as new readers, benefiting from the journal's classical aspects of lipid metabolism, lipids in signal transduction and lipid enzymology, and that current readers will benefit from the exposure to top quality research on the new aspects.

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### Editors and their expertise:

**Makoto Arita**: Polyunsaturated fatty acid (PUFA)-derived mediators; LC-MS/MS-based lipidomics; role of lipid mediators in inflammation and tissue homeostatis; eosinophils; cyclooxygenases, lipoxygenases, and cytochrome P450 monooxygenases. **Kent Chapman**: Plant lipid metabolism; plant lipid signaling; membranes; oilseeds; lipid storage; compartmentalization; organelle biogenesis; lipid analysis. **John Harwood**: Metabolism and function of acyl lipids; n-3 polyunsaturated fatty acids; oil accumulation in crops; algal lipids; regulation of metabolism; lipids in disease. **Gabor Tigyi**:

Lysophospholipids, lysophosphatidic acid, sphingosine-1-phosphate, lipid signaling, radiation biology, drug discovery. **Markus Wenk**: Structure, function and metabolism of membrane lipids; application of lipidomics in drug and biomarker development; role of lipid metabolism in neurobiology.

## AUDIENCE

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Biochemists, biomedical researchers, lipidologists.

## IMPACT FACTOR

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## ABSTRACTING AND INDEXING

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## GUIDE FOR AUTHORS

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### INTRODUCTION

The importance of lipids as one of the fundamental classes of biological compounds is well established. The application of our knowledge of the biochemistry, chemistry and physiology of lipids to biotechnology, the fats and oils industry and medicine have continued to expand apace. In addition new dimensions such as lipid biophysics, especially with relevance to membranes and lipoproteins, and basic liposome research and applications have been added. To cope with all these advances in knowledge a journal is needed to review recent progress in particular fields and to set current research against its historical background. *Progress in Lipid Research* fulfils this role.

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[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2010) 51–59.

Reference to a book:

[2] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

Reference to a chapter in an edited book:

[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

Reference to a website:

[4] Cancer Research UK, *Cancer statistics reports for the UK*. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

Reference to a dataset:

[dataset] [5] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, *Mendeley Data*, v1, 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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