



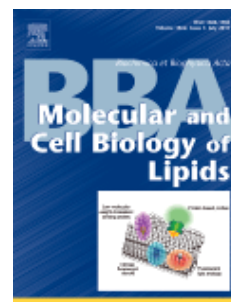
BBA MOLECULAR AND CELL BIOLOGY OF LIPIDS

One of the ten topical journals of BBA

AUTHOR INFORMATION PACK

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DESCRIPTION

BBA Molecular and Cell Biology of Lipids publishes papers on original research dealing with novel aspects of **molecular genetics** related to the lipidome, the biosynthesis of **lipids**, the role of lipids in **cells** and whole organisms, the regulation of **lipid metabolism** and function, and lipidomics in all organisms. Manuscripts should significantly advance the understanding of the molecular mechanisms underlying biological processes in which lipids are involved. Papers detailing novel methodology must report significant biochemical, molecular, or functional insight in the area of lipids.

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Non-alcoholic fatty liver disease; obesity; adiponectin; chemerin; adipocyte; adipokine

Philip Calder, University of Southampton, Southampton, UK
Omega-3 fatty acids, Cell function, Human health

Shamshad Cockcroft, University College London (UCL), London, UK
Lipid transfer proteins, phosphatidylinositol transfer proteins, phospholipases, phosphoinositides, membrane traffic, Golgi, lipid kinases

Paul Dawson, Emory University School of Medicine, Atlanta, Georgia, USA
Bile acids, cholesterol, lipid transporters, intestinal lipid transport, intestinal lipid metabolism

Antonella De Matteis, Telethon Institute of Genetics and Medicine (TIGEM), Naples, Italy
membrane trafficking, phosphoinositides, lipid transfer proteins, glycosphingolipids.

Toyoshi Fujimoto, Nagoya University, Nagoya, Japan
Membrane lipids, lipid droplets, electron microscopy

Xianlin Han, Sanford-Burnham Medical Research Institute, Orlando, Florida, USA
Lipidomics, mass spectrometry, lipid metabolism, neurodegeneration, metabolic syndrome.

Joost Holthuis, Universität Osnabrück, Osnabrück, Germany
Lipid sensors and homeostasis; Sphingolipid signalling flippases; Membrane lipid symmetry

Yasuyuki Igarashi, Hokkaido University, Sapporo, Japan
sphingolipid metabolism; sphingosine-1-phosphate receptor in signaling; sphingosin-1-phosphate in platelets and blood vessels

Suzanne Jackowski, St. Jude Children's Research Hospital, Memphis, Tennessee, USA
Coenzyme A, Phospholipid, Metabolism

Wendy Jessup, UNSW Australia, Sydney, Australia
Cholesterol traffic, Macrophage Atherosclerosis, Reverse cholesterol transport, ABC transporters

Fredrik Karpe, University of Oxford, Oxford, England, UK
human adipose tissue function; metabolic consequences of obesity; mass spectrometry;

Sepp Kohlwein, Karl-Franzens-Universität Graz, Graz, Austria

Lipid metabolism in yeast, Molecular basis of cellular lipotoxicity, High resolution imaging in yeast In vivo, formation and function of cubic membranes

Michel Lagarde, INSA-Lyon, INSERM, Villeurbanne, France
Glycerophospholipids, oxygenated metabolism of PUFA, lipoproteins, lipid peroxidation, blood and vascular cells.

Richard Lehner, University of Alberta, Edmonton, Alberta, Canada
Triacylglycerol and cholesterol metabolism (cell biology of obesity, cardiovascular disease, fatty liver disease and production of hepatitis C virus)

Peng Li, Tsinghua University, Beijing, China
CIDE proteins, Lipid droplets, adipose tissue, VLDL, obesity.

Laura Liscum, Tufts University, Boston, Massachusetts, USA
intracellular lipid transport, cholesterol metabolism, hepatic lipid metabolism.

Gary Lopaschuk, University of Alberta, Edmonton, Alberta, Canada
Fatty acid oxidation, myocardial ischemia, diabetes, heart failure, energy metabolism

Dieter Lütjohann, Universitaet Bonn, Bonn, Germany
Cholesterol metabolism; brain cholesterol; bile acid metabolism; lipid lowering drugs

Thomas McIntyre, Cleveland Clinic Foundation, Cleveland, Ohio, USA
Lipid Mediators; Inflammatory Signaling; Platelet Biology; Biochemistry; Acute Kidney Injury

Alfred Merrill, Georgia Institute of Technology, Atlanta, Georgia, USA
Sphingolipid, Glycosphingolipid, Sphingolipidomics

Takashi Osumi, University of Hyogo, Hyogo, Japan
Lipid droplet, PAT proteins, Perilipin family, Fatty acid oxidation, PPAR

Antony Postle, University of Southampton, Southampton, UK
Lipidomics, mass spectrometry, lipid metabolism and oxidation, lung surfactant.

Robert Rawson, University of Texas Southwestern Medical Center, Dallas, Texas, USA
Lipid metabolism, genetics, SREBP, somatic cells, Drosophila

Gerd Schmitz, Institute for Clinical Chemistry, Regensburg, Germany
Lipid transport; bioactive lipids in signal transduction; lipidomics; metabolism of HDL and atherosclerosis; analysis of sterols including cholesterol precursors, plant sterols and oxysterols

Sarah Spiegel, Virginia Commonwealth University (VCU), Richmond, Virginia, USA
sphingosine, sphingosine-1-phosphate, sphingolipid signaling

Bart Staels, Institut Pasteur, Lille, France
Cholesterol, endocrine pharmacology, peroxisome proliferator-activated receptors, anti-inflammatory drugs, atherosclerosis, cardiovascular drugs, diabetes, HMG-CoA reductase inhibitors, lipoproteins, nuclear receptors

Gabor Tigyi, University of Tennessee Health Science Center, Memphis, Tennessee, USA
lipid mediators, LPA, phospholipid growth factors, sphingosine-1-phosphate receptors and LPA receptors

Bernardo Trigatti, McMaster University, Hamilton, Ontario, Canada
Atherosclerosis, high density lipoproteins, inflammation, lipoprotein metabolism

Karel van Erpecum, Universitair Medisch Centrum Utrecht (UMC Utrecht), Utrecht, Netherlands
Bile, bile salts, phospholipid, cholesterol, gallstone, FXR

Jean Vance, University of Alberta, Edmonton, Alberta, Canada
Phosphatidylserine; Phosphatidylethanolamine; Niemann-Pick C; Brain cholesterol.

Toni Vidal-Puig, Metabolic Research Laboratories, Cambridge, UK
Lipotoxicity, Desaturation and elongation of fatty acids, Fatty acid oxidation, Membrane lipid remodeling, Mitochondria lipid composition, Obesity, Diabetes, Adipose tissue, Thermogenesis, Systems biology

László Víggh, Hungarian Academy of Sciences, Budapest, Hungary
adaptation, lipidomics, neurodegenerative disorders and lipids, cancer in relation to lipids and stress proteins

Arnold von Eckardstein, Universitätsspital Zürich, Zürich, Switzerland
Lipoproteins (with a focus on HDL) Sphingolipids Atherosclerosis Diabetes Biomarkers

Michael Wakelam, Babraham Institute, Cambridge, UK
Lipidomics, PI signalling.

Christian Wolfrum, Institute of Molecular Systems Biology, Zürich, Switzerland
Adipogenesis; Diabetes; Obesity; Adipocyte Precursor.

Hongyuan/Robert Yang, UNSW Australia, Sydney, New South Wales, Australia
Lipid droplets, phospholipids, cholesterol trafficking, Niemann Pick C1, oxysterol binding proteins (OSBP)

Rudolf Zechner, Karl-Franzens-Universität Graz, Graz, Austria
Lipases, lipolysis, neutral lipid metabolism, energy homeostasis, lipid-mediated signaling

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The *BBA Molecular and Cell Biology of Lipids* section publishes papers on original research dealing with novel aspects of molecular genetics related to the lipidome, the biosynthesis of lipids, the role of lipids in cells and whole organisms, the regulation of lipid metabolism and function, and lipidomics in all organisms. Manuscripts should significantly advance the understanding of the molecular mechanisms underlying biological processes in which lipids are involved. Papers detailing novel methodology must report significant biochemical, molecular, or functional insight in the area of lipids.

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BBA Molecular and Cell Biology of Lipids recommends that authors of manuscripts deposit all novel lipid molecules for registration in the LIPID MAPS structure database prior to publication. This will be extremely beneficial in terms of (a): maintaining and expanding a comprehensive lipid database covering a wide variety of sources (e.g., mammals, plants, fungi, bacteria, marine organisms), (b): accurate classification of new lipid structures, (c): application of consistent nomenclature standards with regard to systematic names and abbreviations, and (d): consistent and unambiguous structural representation. The preferred method for depositing lipid structures is a Web-based registration system on the [LIPID MAPS Web site](#) that will enable authors to enter lipid structures and accompanying names, synonyms, references, and classification information. During the submission process, structures are validated for uniqueness using a search on the current database. The submitted structures are then stored in a private, temporary database where they are reviewed by LIPID MAPS bioinformatics staff prior to being classified, checked for correct nomenclature, and registered in the public LIPID MAPS structure database. Questions regarding the submission of structures should be directed to webmaster@lipidmaps.org.

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

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[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 13.03.03).

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