BIOCHIMICA ET BIOPHYSICA ACTA - MOLECULAR AND CELL BIOLOGY OF LIPIDS
One of the nine 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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Paul Dawson, Emory University School of Medicine, Atlanta, Georgia, USA
Bile acids, cholesterol, lipid transporters, intestinal lipid transport, intestinal lipid metabolism
Susan K. Fried, Icahn School of Medicine at Mount Sinai, New York, New York, USA
Obesity; adipose tissue; adipocyte; fatty acid metabolism; adipogenesis; glucocorticoids; insulin; lipolysis; lipogenesis
Toyoshi Fujimoto, Nagoya University, Nagoya, Japan
Membrane lipids, lipid droplets, electron microscopy
Olga Gursky, Boston University School of Medicine, Boston, Massachusetts, USA
Apolipoprotein structure-function; lipoprotein stability and remodeling; protein-lipid interactions; protein misfolding and amyloid.
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Lipidomics, mass spectrometry, lipid metabolism, neurodegeneration, metabolic syndrome.
M. Mahmood Hussain, New York University, Mineola, New York, USA
Suzanne Jackowski, St. Jude Children's Research Hospital, Memphis, Tennessee, USA
Coenzyme A, Phospholipid, Metabolism
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

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Triacylglycerol and cholesterol metabolism (cell biology of obesity, cardiovascular disease, fatty liver disease and production of hepatitis C virus)

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

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

**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**, University of Lille, Lille, France
Cholesterol, endocrine pharmacology, peroxisome proliferator-activated receptors, anti-inflammatory drugs, atherosclerosis, cardiovascular drugs, diabetes, HMG-CoA reductase inhibitors, lipoproteins, nuclear receptors

**Hei Sook Sul**, University of California at Berkeley, Berkeley, California, USA
Adipogenesis; brown fat thermogenesis; transcriptional regulation; triglyceride and fatty acid metabolism; insulin action

**Gabor Tígyi**, 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

**László Vígh**, Biological Research Center, Hungarian Academy of Sciences, Szeged, Hungary
Stress sensing, -signaling and 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

**Christian Wolfrum**, Institute of Food, Nutrition and Health, Zürich, Switzerland
Adipogenesis; diabetes; obesity; adipocyte precursor

**Hongyuan/Robert Yang**, UNSW Australia, Sydney, New South Wales, Australia
Lipid droplets; Seipin; phospholipids; cholesterol trafficking; OSBP; OSBP-related proteins (ORPs); phosphoinositides

**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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standards with regard to systematic names and abbreviations, and (d): consistent and unambiguous
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registration system on the LIPID MAPS Web site that will enable authors to enter lipid structures and
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