

Special Issue

The Role of Bile Acids in Metabolic Control

Message from the Guest Editors

Bile acids are evolutionally conserved molecules synthesized from cholesterol in the liver. They facilitate digestion and absorption of lipids and lipid-soluble vitamins in the intestines and have shown to exhibit endocrine and paracrine roles. Consequently, bile acids have a considerable influence on the metabolic control and life expectancy in humans.

This Special Issue refreshes and enlarges the topics of the previous bile acid- and steroid-focused Special Issues and aims at demonstrating and compiling the versatile and wide physiological activities of bile acids and their derivatives. For this Special Issue we seek manuscripts concentrating especially on the metabolic and/or hormonal influences of bile acids and their derivatives. Papers relating to pro- or anti-viral, -bacterial, and -fungal studies of bile acids or their derivatives as well as papers concerning bile acid-derived prodrugs, drug delivery or drug release systems, pharmaceutical and biomedical biomaterials are welcome as well. All scientists working in these areas of research are cordially invited to send their manuscripts for the peer review handling of this Special Issue of the journal *Molecules*!

Guest Editors

Dr. Elina I. Sievanen

Department of Chemistry, University of Jyväskylä, 40014 Jyväskylä, Finland

Prof. Dr. Erkki Kolehmainen

Department of Chemistry, Nanoscience Centre, University of Jyväskylä, Jyväskylä, Finland

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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