

Special Issue

Serum Albumin in Health and Disease: From Comparative Biochemistry to Translational Medicine 2.0

Message from the Guest Editors

Despite experimental and clinical evidence, many molecular and epigenetic regulatory mechanisms of albumin activity remain to be fully elucidated. Albumin of humans and representatives of cattle and rodents have their own structural features that determine the species differences in their functional properties, which gives rise to the problem of how to adequately interpret the experimental data obtained with purified albumins in vitro or with laboratory animals in vivo. Hence, the need to fill this knowledge gap in order to devise adequate experimental methodology, and clinically successful diagnostics and treatment strategies for humans. This Special Issue aims at expanding the current knowledge on serum albumin in both physiological and pathological conditions. Experimental studies in in vitro and in vivo models, review articles, as well as clinical studies, are all welcomed for consideration. Please keep in mind that *IJMS* is a journal of molecular science, thus pure clinical studies will not be suitable for this Special Issue. Nevertheless, clinical submissions with novel biomolecular experiments and/or interpretations are welcomed.

Guest Editors

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Prof. Dr. Richard O. Jenkins

Dr. Daria Belinskaia

Deadline for manuscript submissions

closed (20 July 2024)



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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

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