

## Special Issue

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

### Message from the Guest Editors

Despite experimental and clinical evidence about albumin, 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.

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### Guest Editors

Dr. Nikolay V. Goncharov  
Prof. Dr. Richard O. Jenkins  
Dr. Daria Belinskaia

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### Deadline for manuscript submissions

closed (31 December 2022)



## International Journal of Molecular Sciences

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