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Shedding New Light on the Cell Biology and Medicine of Extracellular Vesicles

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Deadline for manuscript submissions:
closed (30 April 2022)

Message from the Guest Editors

Dear colleagues,

Extracellular vesicles (EV), including exosomes, microvesicles (MV) and apoptotic bodies, are biogenetic nanoparticles shedding and originate from cell-derived membranous structures. This Special Issue on "Shedding New Light on the Cell Biology and Medicine of Extracellular Vesicles" of the journal *Membranes* seeks contributions to advance the current and frontier developments in the field of biological nanoparticles with natural membrane features. Authors are invited to submit their new findings; both original papers and reviews are welcome. Topics include but are not limited to:

- the biogenetic or artificial methods for EV production;
- the mechanism of membrane vesicle production;
- membrane fusion and liberation processes;
- characteristics of EVs and membrane proteins;
- the functions of EVs in increasing extracellular electron transport;
- the catalytic activity of functional membrane proteins;
- cancer metastasis;
- immunotherapy;
- liquid biopsy by detecting EVs;
- novel applications.

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Editor-in-Chief

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Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375).

Membranes is an international, peer-reviewed open accessjournal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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