

Special Issue

Extracellular Vesicles from Cancer or Stem Cells

Message from the Guest Editors

Extracellular vesicles (EVs) are unique nanosized vesicles that are implicated in crucial cellular activities, such as cell–cell communication, transportation of key molecules between cells, and maintenance of homeostasis. EVs have recently been considered as robust mediators of intercellular communication in pathophysiology. The crosslink between EVs and cancer emergence and progression has recently garnered attention as a point of scientific interest. Recent studies have recognized the potent role of stem cell-derived EVs (SC-EVs) in directing cell fate, either to normal or cancer. Moreover, there is growing support for the therapeutic activity of SC-EVs against cancer and other human diseases. The engineering of SC-EVs for drug delivery is a subject of paramount interest. The focus of our Special Issue is in the determination of the role and mechanisms of SC-EVs in cancer and other human diseases therapy and the cancer cell-derived EVs in cancer emergence and progression.

Guest Editors

Prof. Dr. Ssang-Goo Cho

Department of Stem Cell and Regenerative Biology, Konkuk University, Gwangjin-gu, Seoul 05000, Republic of Korea

Dr. Ahmed Abdal Dayem

Department of Stem Cell & Regenerative Biotechnology, Incurable Disease Animal Model and Stem Cell Institute (IDASI), Konkuk University, Gwangjin-gu, Seoul 05029, Korea

Deadline for manuscript submissions

closed (30 April 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/97264

*International Journal of
Molecular Sciences*
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4052 Basel, Switzerland
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Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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