

## Special Issue

# Extracellular Vesicles in Cancer Treatment: Opportunities and Challenges

### Message from the Guest Editor

Extracellular vesicles (EVs) are cell-derived lipid bilayer membrane particles that represent an additional mechanism for cell-to-cell communication and has been studied as possible biomarkers for different diseases. Moreover, since discovering that EVs play a wide range of tumor-related processes and have the endogenous ability to protect their encapsulated material from the extracellular environment, overcome natural barriers, intrinsic cell targeting properties and circulation stability, the potential use of EVs as therapeutic nanoplatforms for cancer studies and drug delivery has attracted considerable interest. Despite multiple advantages, the application of EVs for anticancer therapy has been limited by technical issues, such as obtaining large-scale standardized preparations and relatively low loading of the desired bioagents. This Special Issue aims to collect the latest advanced studies of EVs in diagnosing and treating cancer diseases, sharing knowledge and data with readers and scientists working in this discipline to foster an effective and safe clinical translation of these unique intercellular delivery vehicles.

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### Guest Editor

Dr. Krizia Sagini

Department of Molecular Cell Biology, Institute for Cancer Research, Oslo University Hospital, 0379 Oslo, Norway

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### Deadline for manuscript submissions

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## Pharmaceutics

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*Pharmaceutics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)

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Prof. Dr. Patrick J. Sinko

Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

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