

## Special Issue

# Roles of Extracellular Vesicles in the Complex Interaction Between Metabolic Disorder and Cancer

### Message from the Guest Editor

Metabolic disorders, such as obesity, diabetes, and cardiovascular diseases, have been linked to the development and progression of tumors.

Epidemiological studies have shown a strong correlation between metabolic abnormalities and the incidence of various types of cancer.

Extracellular vesicles (EVs), small membrane-bound vesicles released by cells, play a pivotal role in the intricate interplay between metabolic disorders and cancer. They serve as crucial vehicles for intercellular communication, carrying and transferring bioactive molecules such as proteins, lipids, metabolites, RNA, and DNA to recipient cells, thereby influencing their functions. They exacerbate metabolic disorders by conveying related signals and promote cancer growth and metastasis by delivering tumor-associated signals. EVs also serve as biomarkers and potential therapeutic carriers, offering new avenues for the prevention and treatment of these diseases. This Special Issue aims at understanding the mechanistic and therapeutic aspects of this crucial relationship in order to improve the prevention, diagnosis, and treatment of cancer.

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### Guest Editor

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### Deadline for manuscript submissions

30 September 2025



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### Message from the Editor-in-Chief

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### Editor-in-Chief

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