

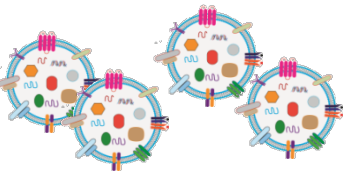
Cite this as: Hao GENG, Qingchen ZHOU, Wenhao GUO, Ling LU, Liangkuan BI, Yi WANG, Jie MIN, Dexin YU, Zhaofeng LIANG. Exosomes in bladder cancer: novel biomarkers and targets[J]. *Journal of Zhejiang University Science B*, 2021, 22(5): 341-347.
<https://doi.org/10.1631/jzus.B2000711>

Exosomes in bladder cancer: novel biomarkers and targets

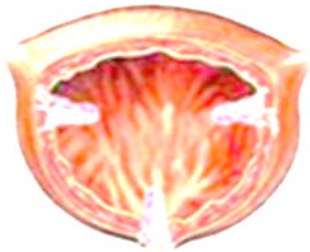
Key words: Exosome, Bladder cancer, Function, Clinical application, Biomarker

Research Summary

This review mainly focused on the functions and roles of exosomes in the occurrence and development of bladder cancer(BC), and summarized the key roles of exosomes played in the following aspects:



- **Regulation of the occurrence and development**
- **As non-invasive diagnostic and prognosis biomarkers**
- **As promising delivery vehicles for therapeutic applications**



Innovation points

- **Introduction of Bladder cancer and exosomes, and the role of exosomes in the occurrence and development of bladder cancer.**

- **Summary of the application of exosomes in the diagnosis and prognosis of BC.**

- **Induction of current challenges and future prospects .**

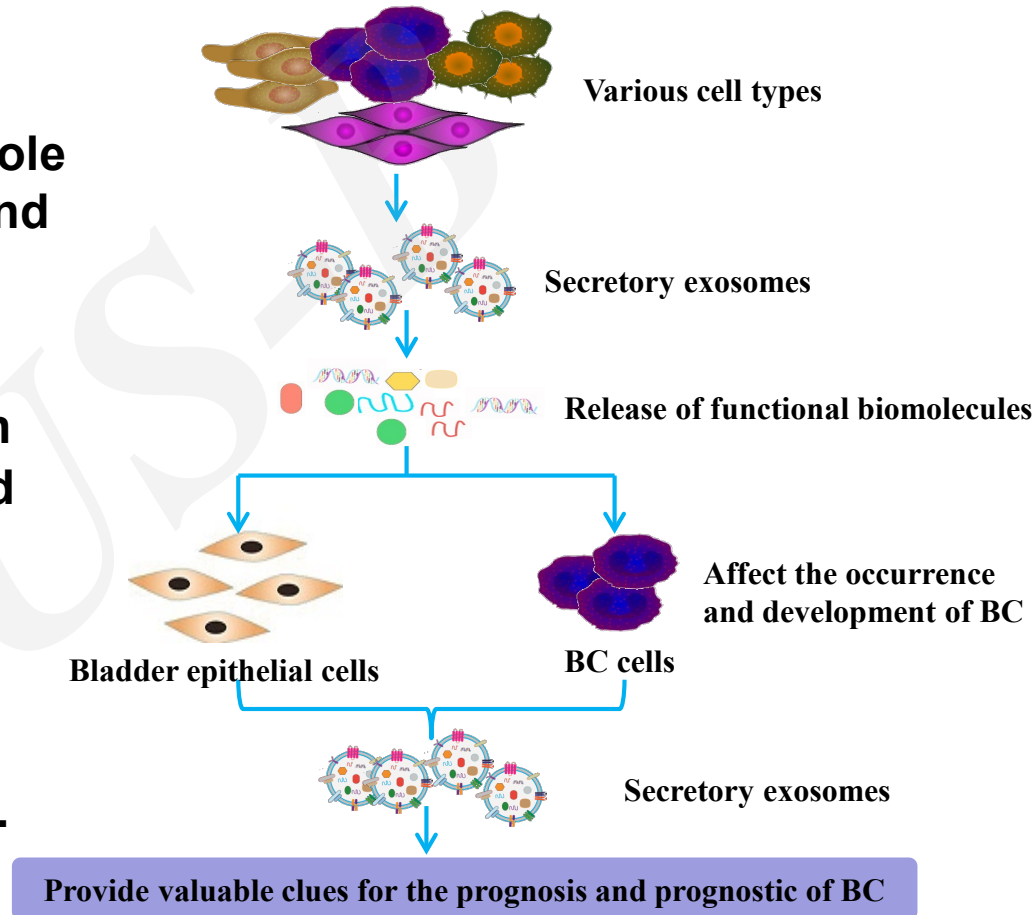


Figure 4