
전남대학교 심혈관 RLRC센터 4차년도 정기세미나

- 일정 : 2023년 08월 30일(수), 16:30~17:30
- 연사 : 한국전자기술연구원 김성은 박사
- 주제 : Development of a liquid biopsy-based cancer-derived extracellular vesicle analysis platform

○ Abstract :

Currently, the standard method for cancer diagnosis and prognosis is to extract a part of the primary cancer by invasive tissue biopsy, diagnose the biological characteristics of cancer, and predict/evaluate anticancer susceptibility. There are issues with taking potential risks such as high cost and pain during the procedure. In addition, since the acquired specimen is only a part of the entire tissue, it is difficult for the acquired information to represent the entire tissue due to the biological diversity unique to cancer. In order to solve these problems, it is essential to develop a liquid biopsy-based non-invasive diagnostic platform that has less restrictions on repeated sample acquisition and facilitates monitoring of patient conditions. Therefore, I would like to introduce liquid biopsy-based cancer-derived EV (extracellular vesicles) detection technology.

