

분자과학연구소 세미나

Prof. Jin-Ming Lin

Department of Chemistry, Tsinghua University

Microfluidic chip combined with mass spectrometer for cell metabolite analysis

The micron-scale space of the microfluidic chips can be well matched to the cell size, which can easily simulate and precisely manipulate the cell growth micro environment, and is an ideal platform for studying cell-cell interactions, signal transduction and communication, and cellular drug metabolism and delivery. Our research group has carried out research related to the development and application of microfluidic chip and mass spectrometry, successfully developed the world's first microfluidic chip mass spectrometry analysis device, and industrialized the technology transfer enterprises. This presentation mainly introduces the development of microfluidic chip combined with mass spectrometry and its application in the study of cell hypoxia.

Date : 2023년 11월 23일 (목) 오후 5시

Location : 과학관 B131호

Host : 연세대학교 화학과



연세대학교 이과대학 화학과
Department of Chemistry, Yonsei University



연세대학교 자연과학연구원
INSTITUTE OF NATURAL SCIENCES
YONSEI UNIVERSITY