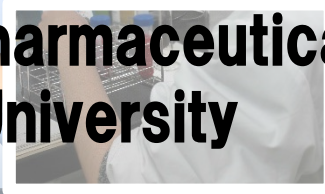
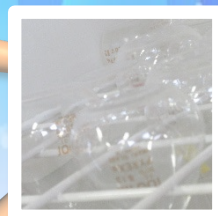




広島大学 薬学部

第14回



広島大学薬学部国際セミナー International Seminar of Pharmaceutical Sciences, Hiroshima University

《演題》

Extracellular vesicles: from cellular communication to a therapeutic delivery

《講師》

Masako Harada

Department of Biomedical Engineering,
College of Engineering,
IQ – Institute for Quantitative Health Science
and Engineering, Michigan State University



日時： 2023年11月27日(月) 15:15 ~ 16:15

会場： 広仁会館 1階 中会議室

Vesicle release from cells or tissues into the extracellular space is an evolutionally conserved process. In recent years, these vesicles collectively termed small Extracellular vesicles (EVs), including exosomes and microvesicles, became increasingly acknowledged as mediators of cell-cell communication. EVs contain a wide range of biomolecules such as proteins, RNAs, and DNAs, which transfer these functional cargos to distant cells or tissues through circulation. Due to their increased stability in circulation, biocompatibility, low immunogenicity and toxicity, EVs are attractive diagnostic markers and delivery systems for therapeutics. We are developing a biological method to engineer EVs as a drug delivery cargo for oligonucleotide therapeutics and small molecular drugs.

主催： 広島大学薬学部
日本薬学会中国四国支部

連絡先： 広島大学大学院医系科学研究科
創薬標的分子科学研究室
松本 大亮

TEL: 082-257-5184

e-mail: dmatsumo@hiroshima-u.ac.jp

