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文章简介

在过去十年中，关于细胞外囊泡的生理和病理功能性研究急剧猛增，但是目前基于细胞外囊泡异质性较大这一生理特性，针对细胞外囊泡的分离提纯以及标准化定量、表征方法仍存在较大的争议和阻碍。该文由国际细胞外囊泡学会(ISEV)成员共同撰写，发表于细胞外囊泡研究领域著名学术期刊《Journal of Extracellular Vesicles》上，提出了细胞外囊泡研究的基本要求和共识标准，内容涵盖了外泌体的收集、分离、提纯、表征以及功能学研究方法，是开展细胞外囊泡（含外泌体）研究的国际指南，也是 EV 研究成果投稿 JEV 必须遵循的基本要求。