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Advances in the Analysis of Single Extracellular Vesicles

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Message from the Guest Editor

Dear Colleagues,

Extracellular vesicles (EVs) have paradigm-shifting potential to offer earlier and more complete diagnostic information in the form of a minimally invasive liquid biopsy. However, much remains unknown about EVs, and conventional analytical approaches are unable to provide precise information about the contents and sources of EVs. New approaches have emerged to analyze EVs at the single-particle level, including advances in digital assays, flow cytometry, Raman spectroscopy, fluorescence microscopy, and more. Emerging results from these studies will provide the opportunity to study EV biogenesis, to correlate multiple biomarkers to enable higher diagnostic specificity, and to connect EV cargo with the source or destination cells. This Issue will feature articles that continue to advance biosensing technologies for the analysis of single EVs.





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Editor-in-Chief

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Message from the Editor-in-Chief

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