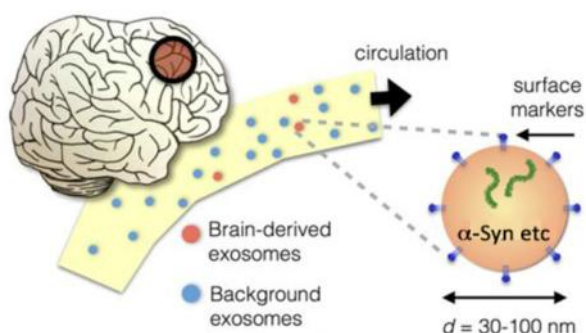


Magnetic Beads suitable for separation of exosomes from blood and other complex mixtures

A new immunocapture assay and identified biomarkers to predict and better stratify Parkinson's disease.

Applications: Diagnostics, Biomarkers, Separation, Immunoaffinity



Features	Benefits
Zwitterionic polymer grown on surface of bead	Improves coverage and antifouling properties compared to attached polymers, so very low levels of interfering biological molecules
Polymer generated using reversible addition fragmentation chain transfer (RAFT)	Can be used for a broader range of monomers than other processes, including ATRP
Conjugating ligands attached to activated surface	Can attach antibodies, organic compounds, metals, proteins or hydrophobic molecules
Highly sensitive	Determination of pg/ml levels of specific protein from populations in the mixture

Features	Benefits
Can purify low levels of exosomes and demonstrated on neuronal exosomes from blood	High levels of specificity for specific markers; Improves Exosome Diagnostics

Patented and Available for

- Co-development
 - Consulting
 - Licensing
-

To find out more, contact enquiries@innovation.ox.ac.uk and quote the project number.

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