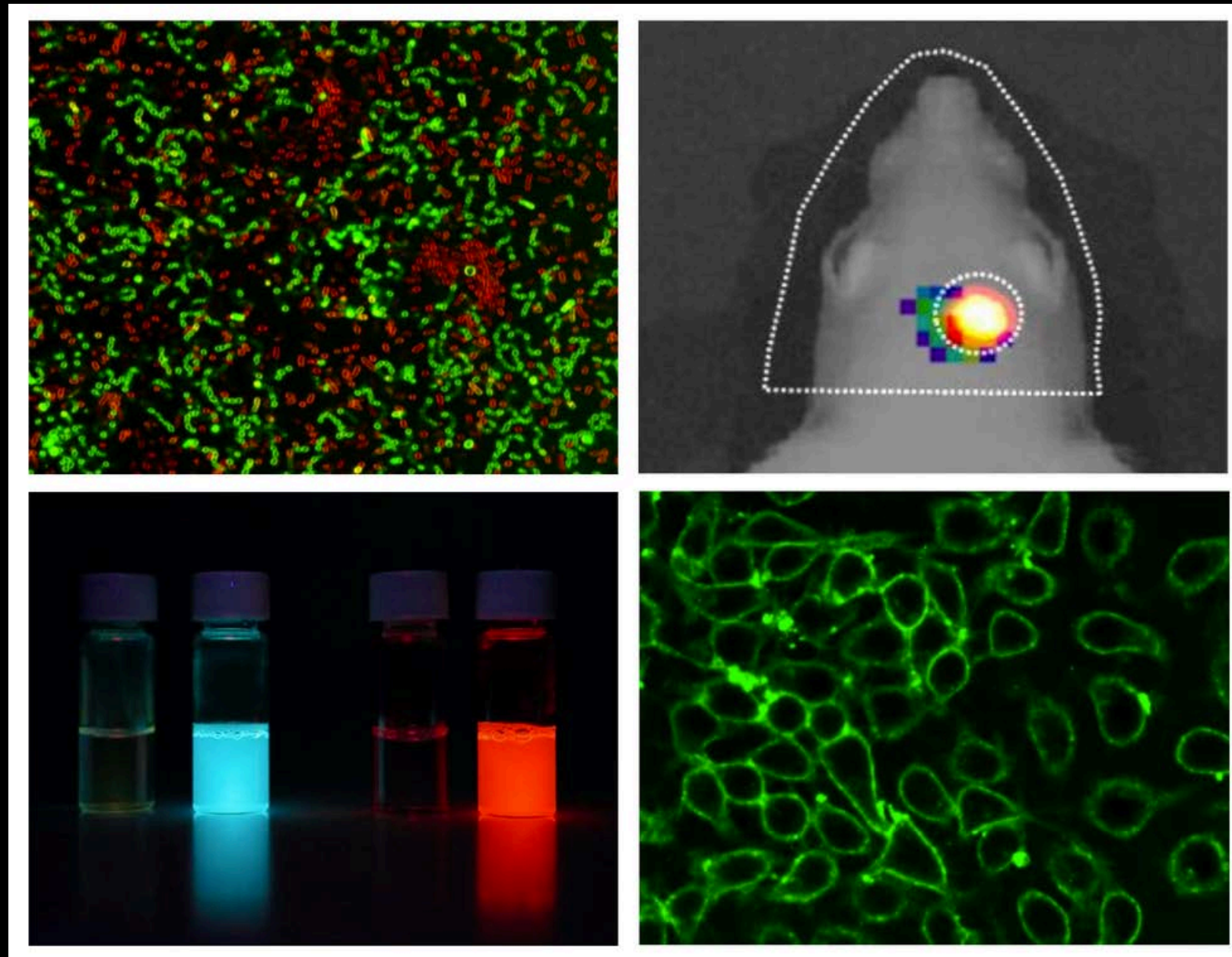




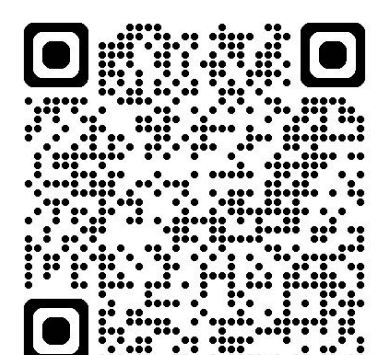
Driving Innovation in Optical Probes for Research and Clinical Diagnostics



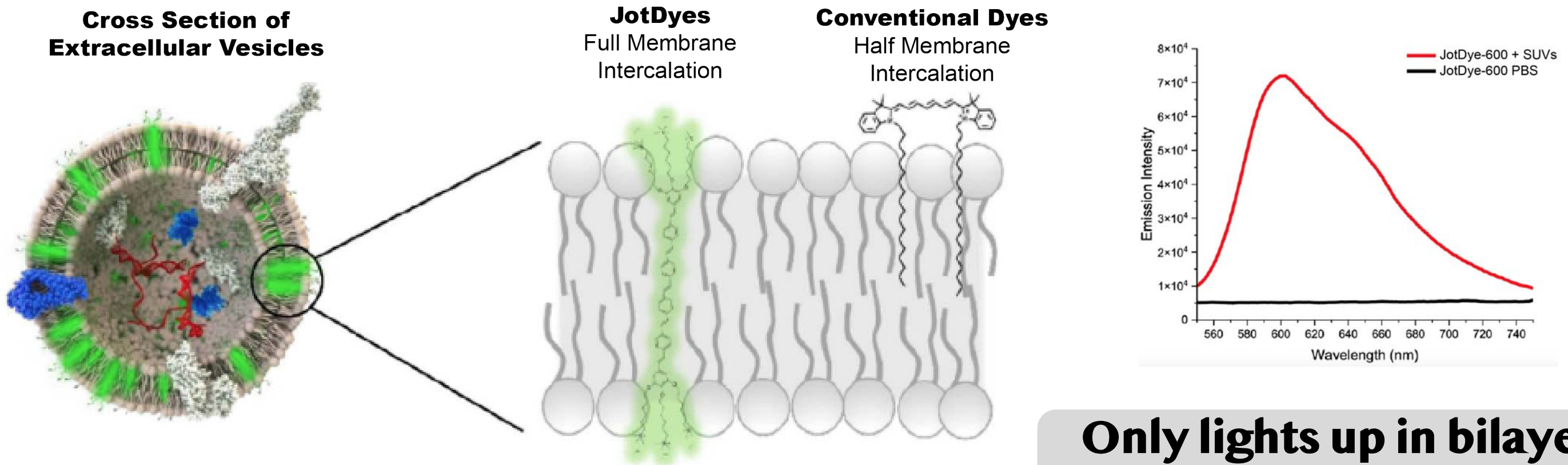
“The World’s First Full Bilayer Spanning Lipophilic Dye”



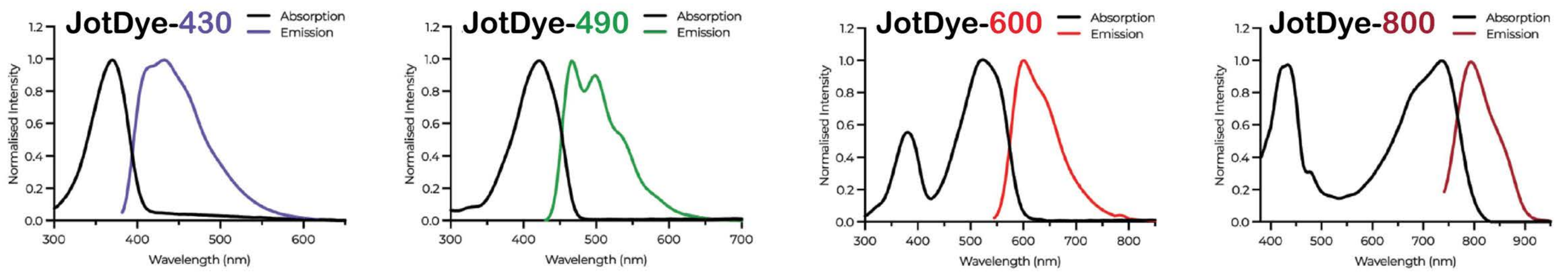
**Optical probes for Extracellular Vesicles,
Mammalian Cells, and More**



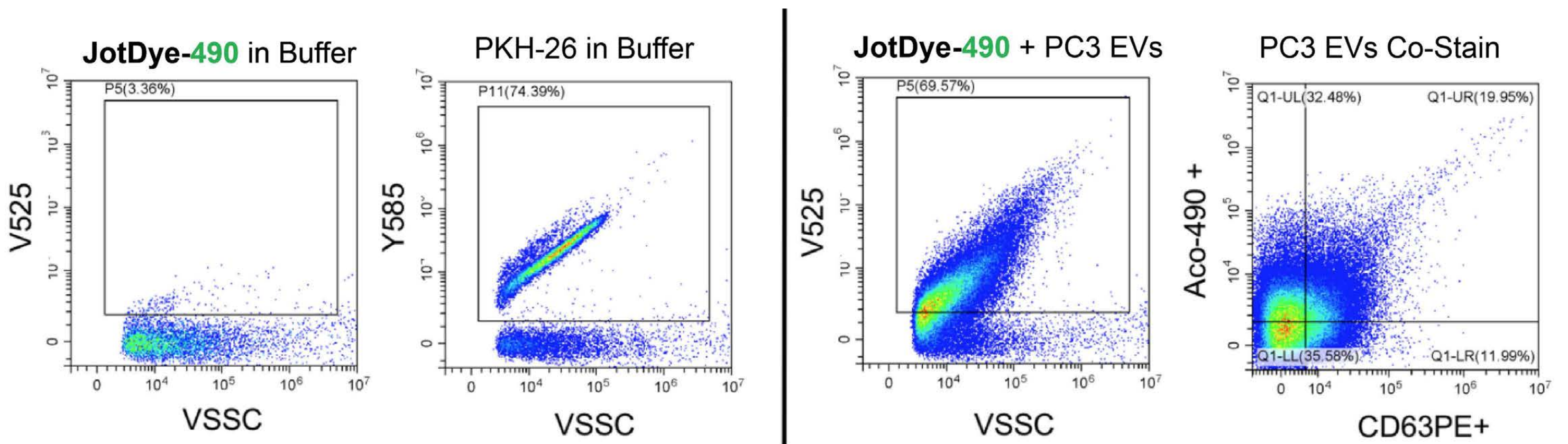
JotDyes are the world's first membrane labeling dyes that span the full lipid bilayer. These intelligent dyes only 'light up' after embedding into the lipid bilayer. As they are water soluble, they do not aggregate. This leads to high biocompatibility and easy workflows while eliminating false positives.



Only lights up in bilayer



JotDyes are available in 4 colors to suit your research needs

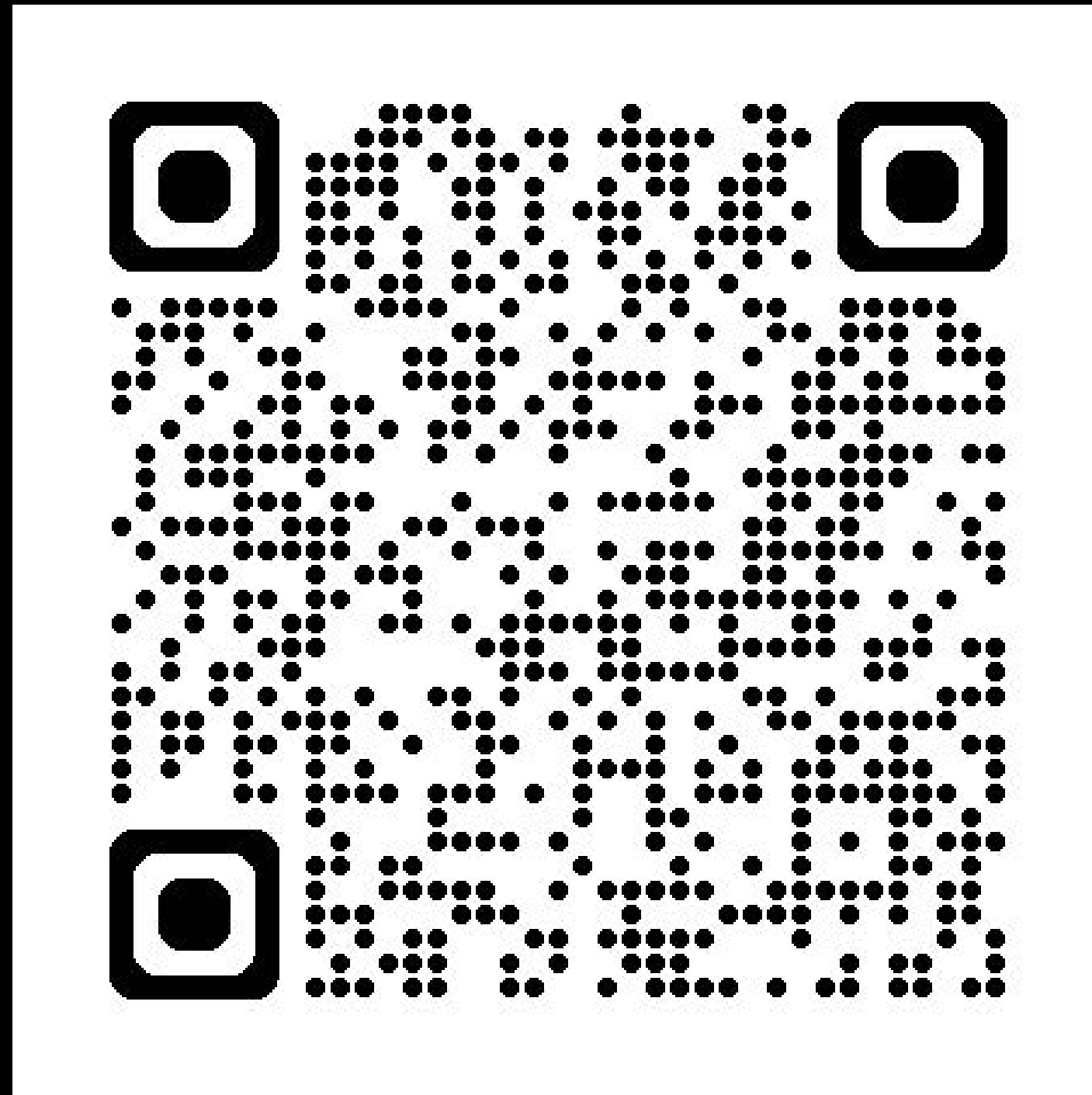


JotDyes are water soluble. They do not form micelles or dye aggregates in buffer, unlike traditional commercial dyes like PKH-26. This eliminates false positives. In addition, this allows for simple no wash protocols for flow cytometry assays.




JotDyes' lipid bilayer selectivity and color options allow for co-staining with other dyes. Shown above is a flow cytometry experiment of PC3 cell culture derived EVs stained with JotDye-490 and CD63PE.

JotDyes - Product Catalogue

Product	Description	Ex /Em (in nm)	Kit Sizes	Format
JotDye - 430	Membrane Dye	355 / 403 – 460	100, 500 tests	Dried Film
JotDye - 490	Membrane Dye	405 / 458 – 508	100, 500 tests	Dried Film
JotDye - 600	Membrane Dye	488 or 561 / 586 – 635	100, 500 tests	Dried Film
JotDye - 800	Membrane Dye	638 / 775 – 818	100, 500 tests	Dried Film



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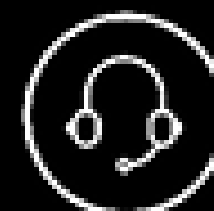
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