

FIG. 1

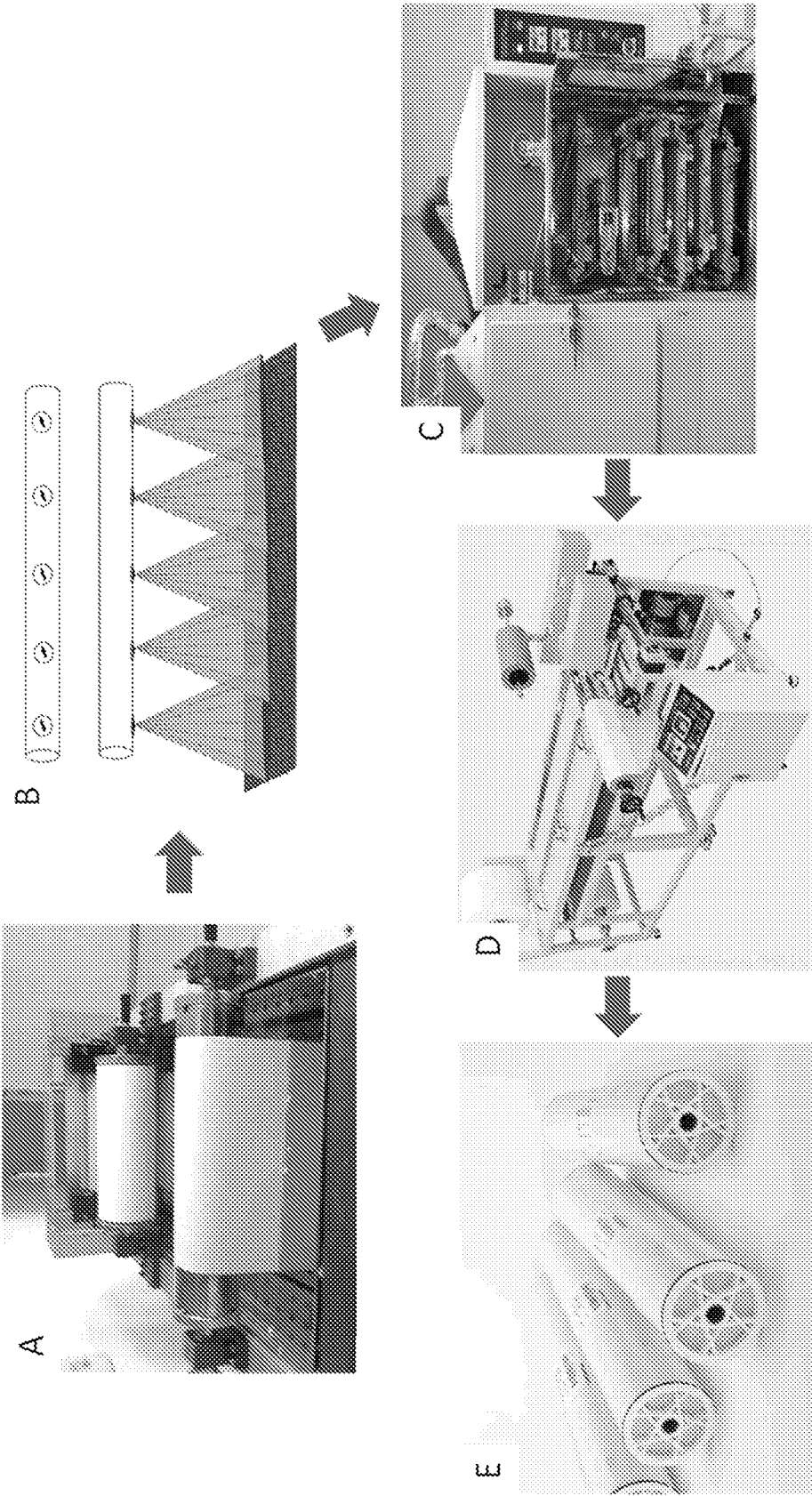
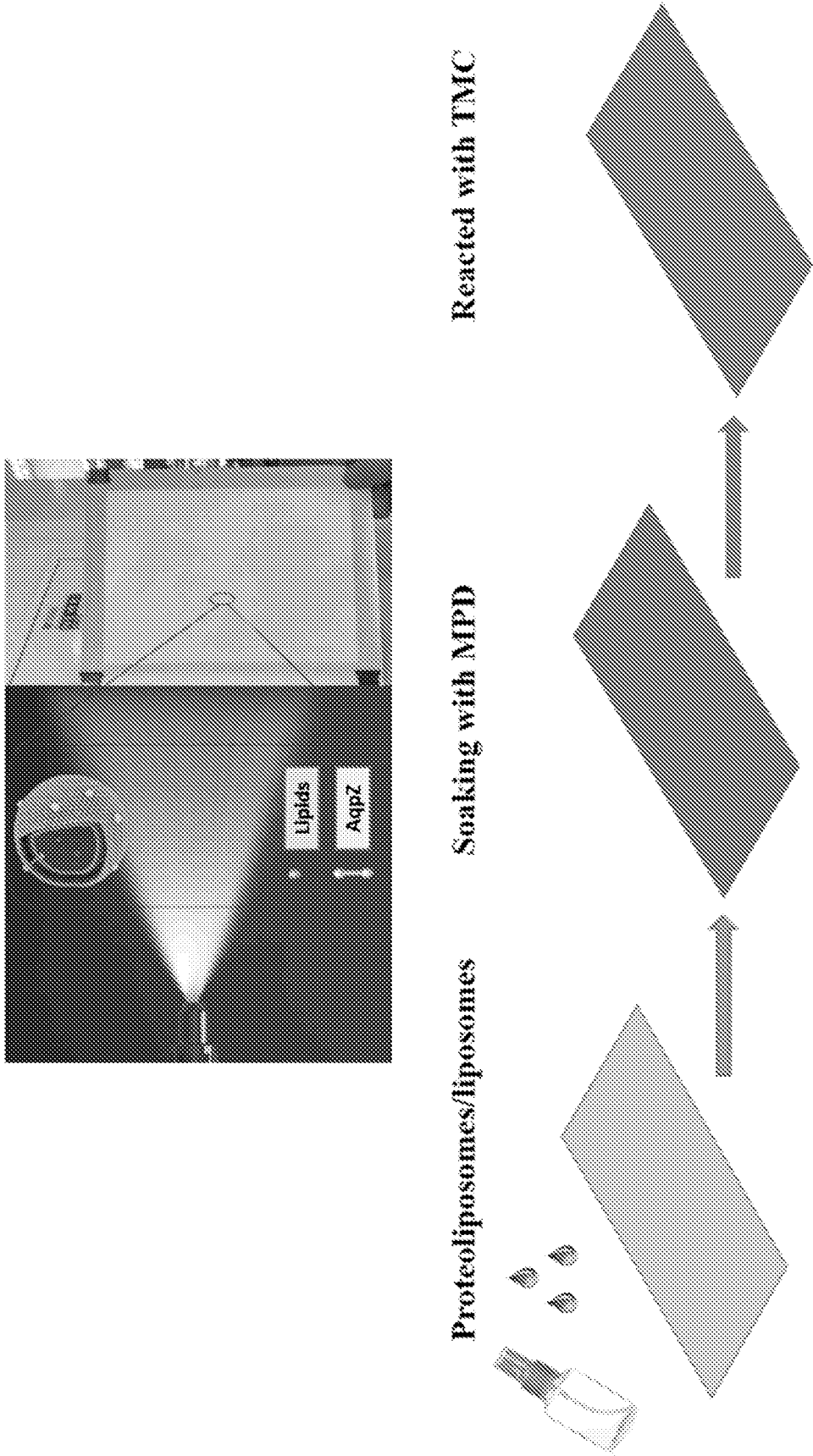


FIG. 2



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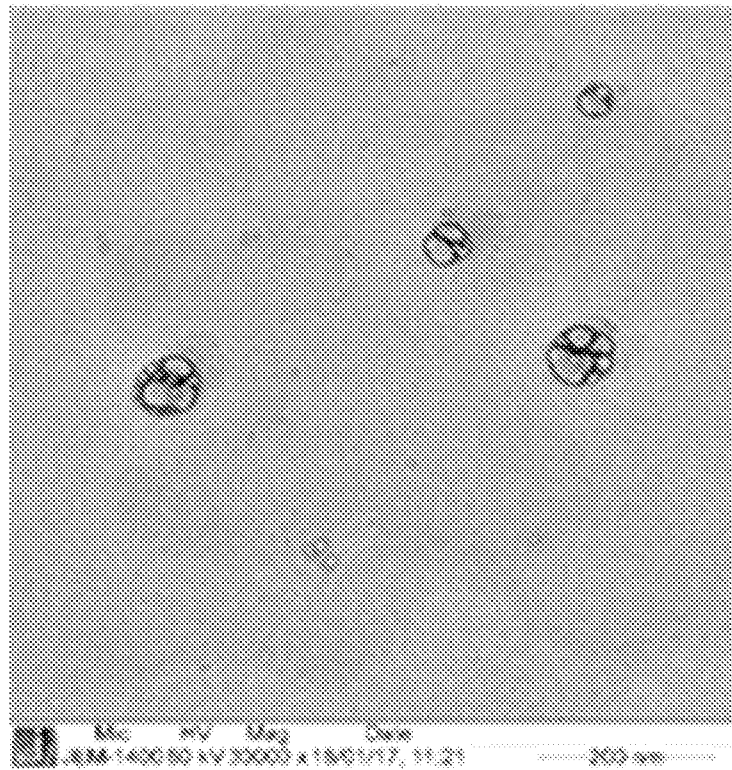
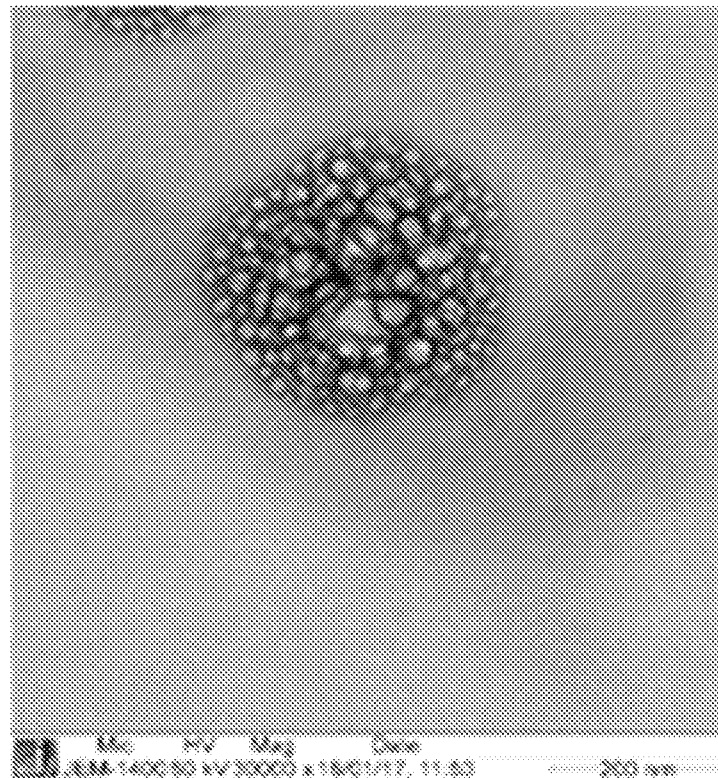
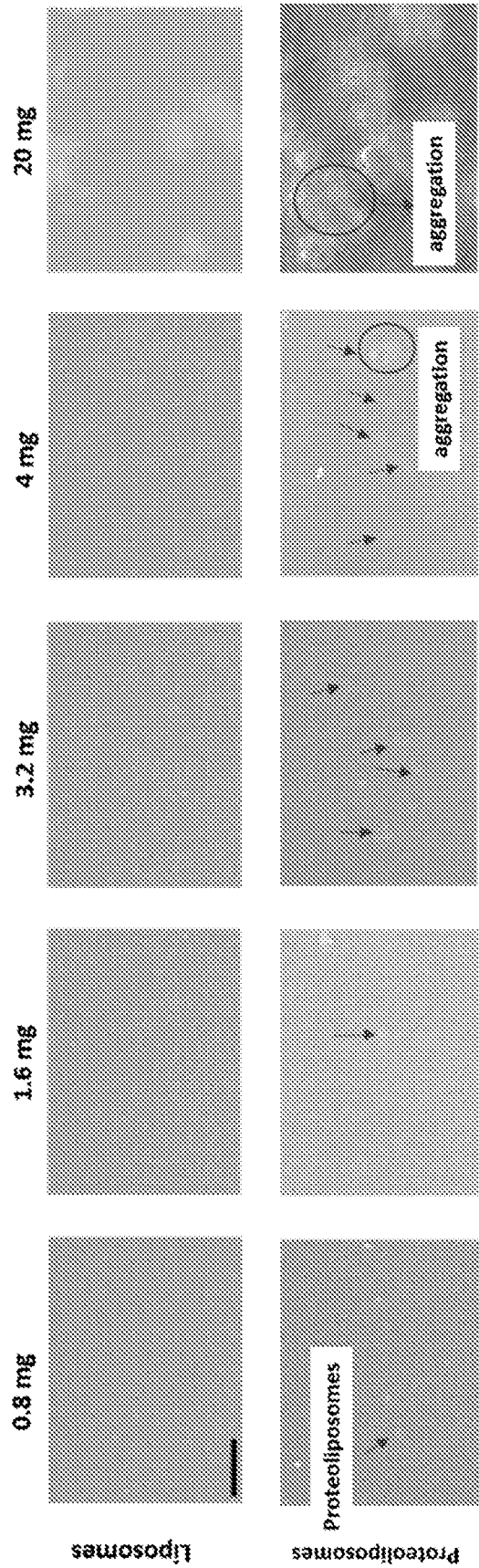
FIG. 3A**FIG. 3B**

FIG. 4



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FIG. 5

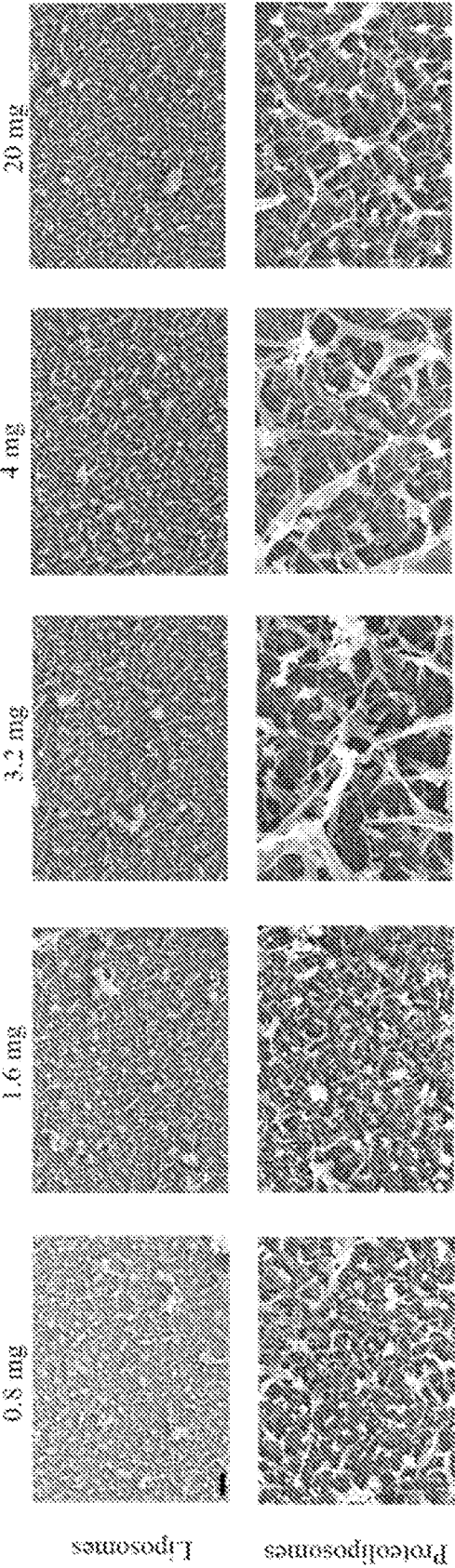


FIG. 6A

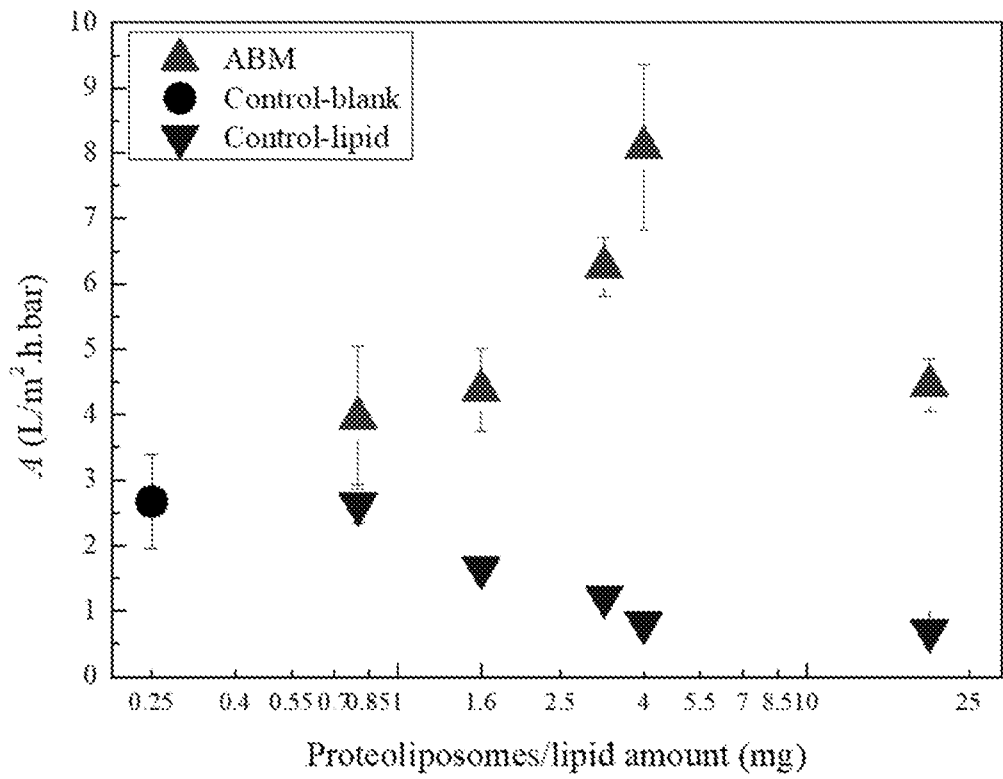


FIG. 6B

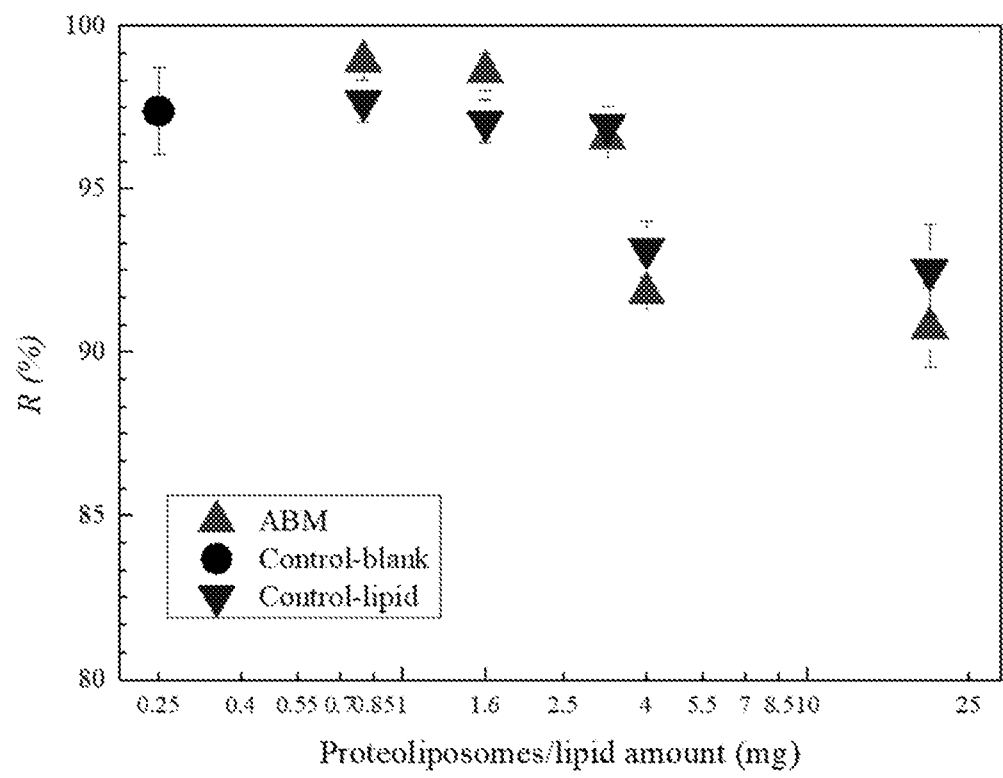


FIG. 6C

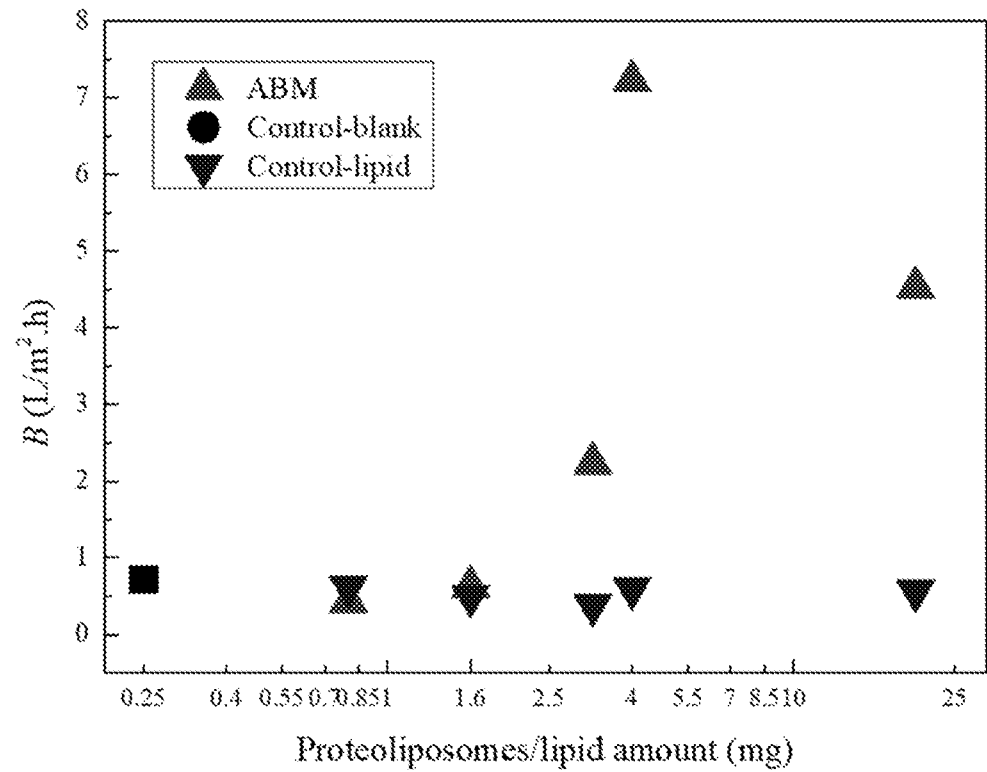


FIG. 7

Membrane type	Method	A (LMH/bar)	R	P (bar)	B (LMH)	B/A (bar)	Membrane surface area (cm ²)	Lipid type	LPR (Molar ratio)	Lipid consumption (mg)	AQP consumption (mg)	Normalized AQP consumption (mg/m ²)	
Flat sheet	spray	2.6	0.975	10	0.63	0.24	42.0	DOPC	0	0.8	0	0	Present Example
Flat sheet	spray	4.0	0.985	10	0.45	0.11	42.0	DOPC	200	0.8	0.12	28.6	Present Example
Flat sheet	spray	6.2	0.965	10	2.2	0.34	42.0	DOPC	200	3.2	0.50	119	Present Example
Flat sheet	spray	8.1	0.915	10	7.7	0.89	42.0	DOPC	200	4.0	0.63	150	Present Example
Flat sheet	IP	4.0	0.97	5	0.62	0.15	42.0	DOPC	200	16	2.50	595	Comparative example
Flat sheet	IP	3.0	0.97	5	0.61	0.19	42.0	DOPC	0	16	0	0	Comparative example
Flat sheet	IP	4.1	0.97	10	1.17	0.28	42.0	E.coli	400	16	1.32	314	Comparative example
Flat sheet	IP	2.8	0.97	10	0.93	0.34	42.0	E.coli	0	16	0	0	Comparative example
Hollow fiber	IP	8.0	0.90	1	0.89	0.11	34.2	DOPC	100	n.a.	n.a.	n.a.	Comparative example
Hollow fiber	IP	2.8	0.88	1	0.38	0.14	34.2	DOPC	0	n.a.	0	0	Comparative example
Hollow fiber	IP	7.6	0.90	1	0.5	0.065	38.0	E.coli	320	30	3.09	813	Comparative example
Hollow fiber	IP	3.3	0.85	1	0.4	0.12	38.0	E.coli	320 ^a	30	3.09 ^a	813 ^a	Comparative example

FIG. 8

