

Fig. 1

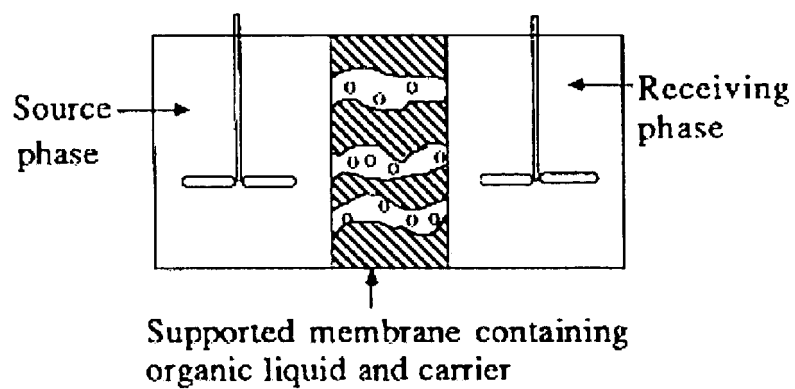
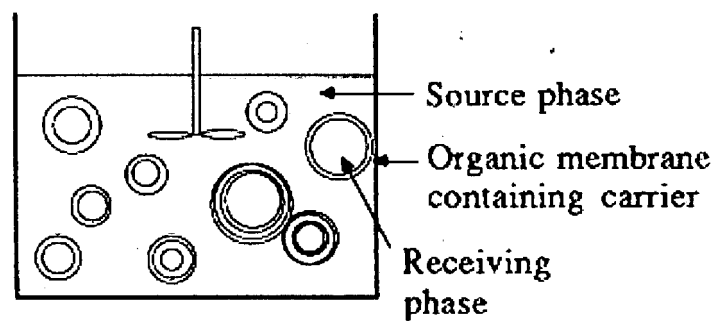
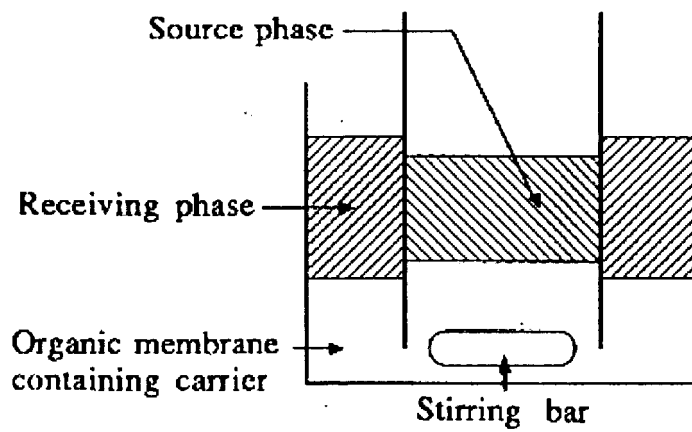


Fig. 2

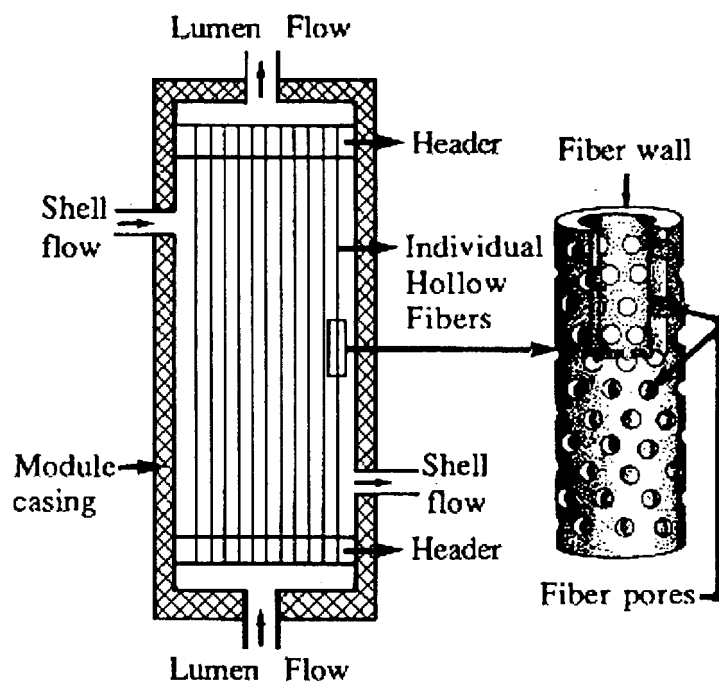


Fig. 3

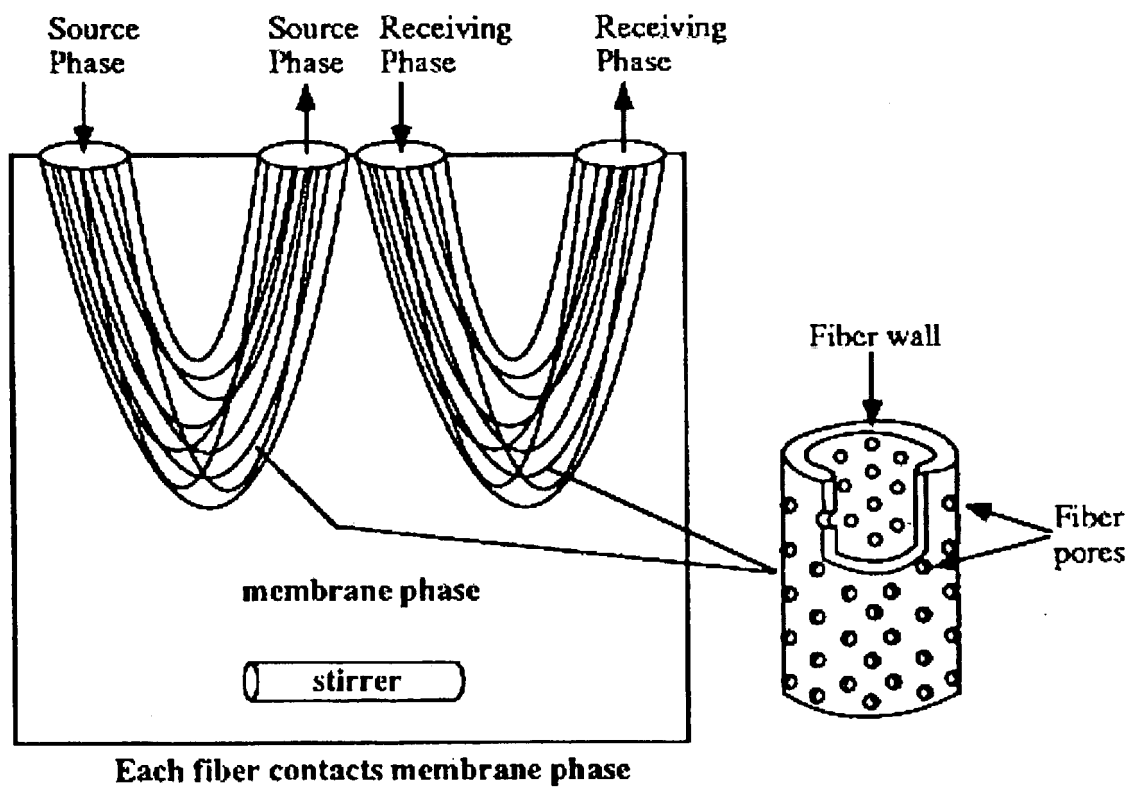


Fig. 4

Concentration of aqueous solutions

Proteoliposomes with increased volume

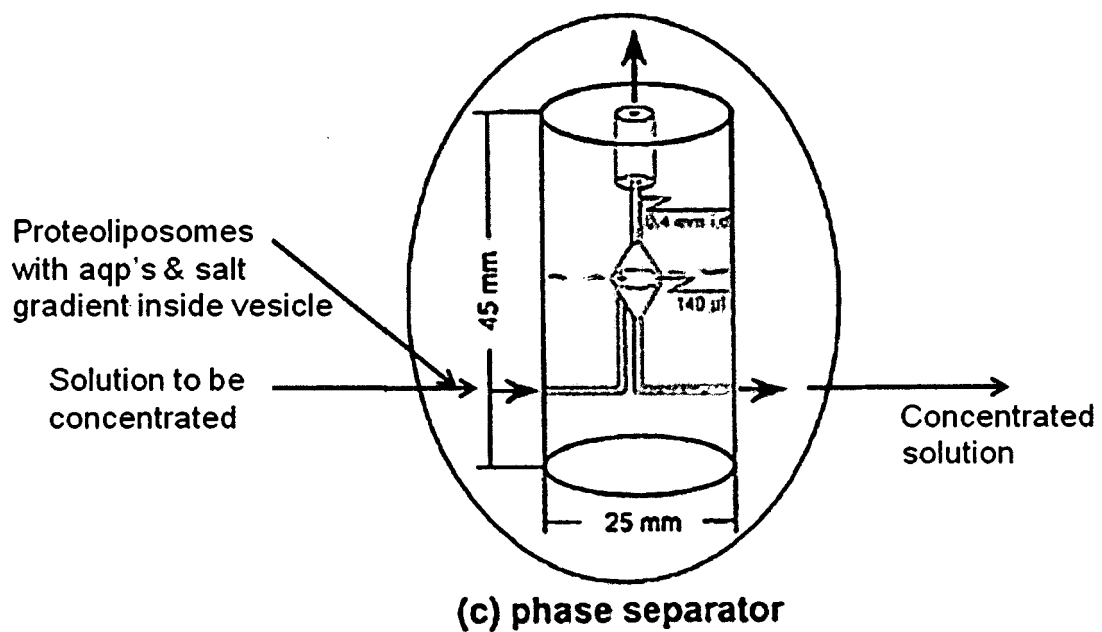


Fig. 5

Forward osmosis

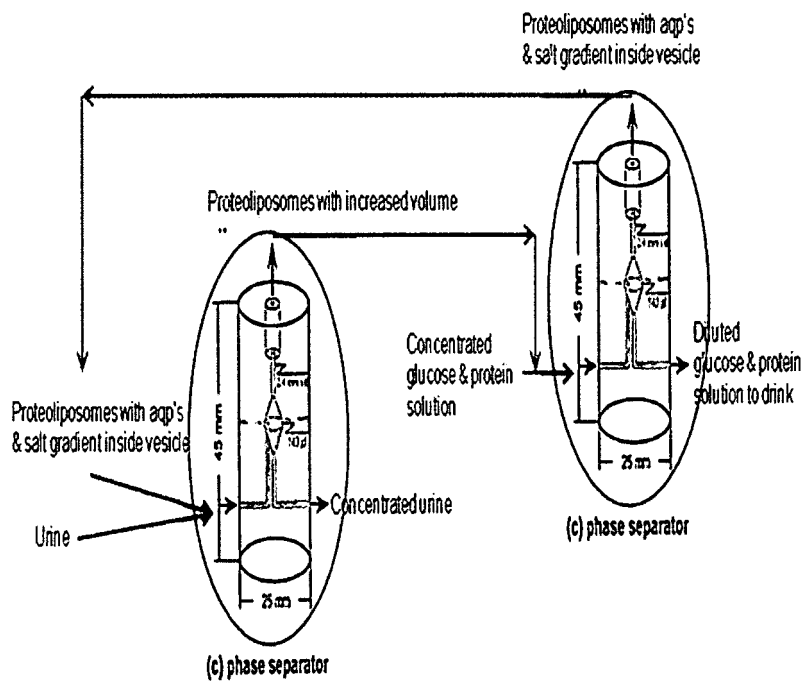


Fig. 6

Forward osmosis – following ultrafiltration of uniform electrolyte.

Complete application of water extraction from any aqueous solution

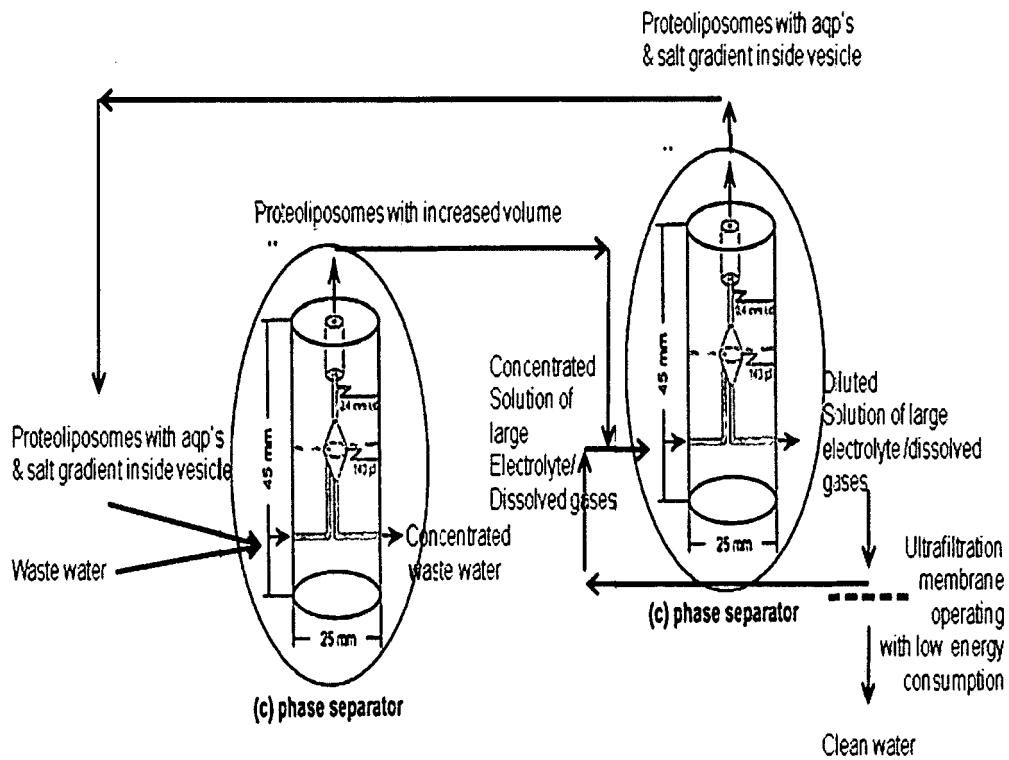
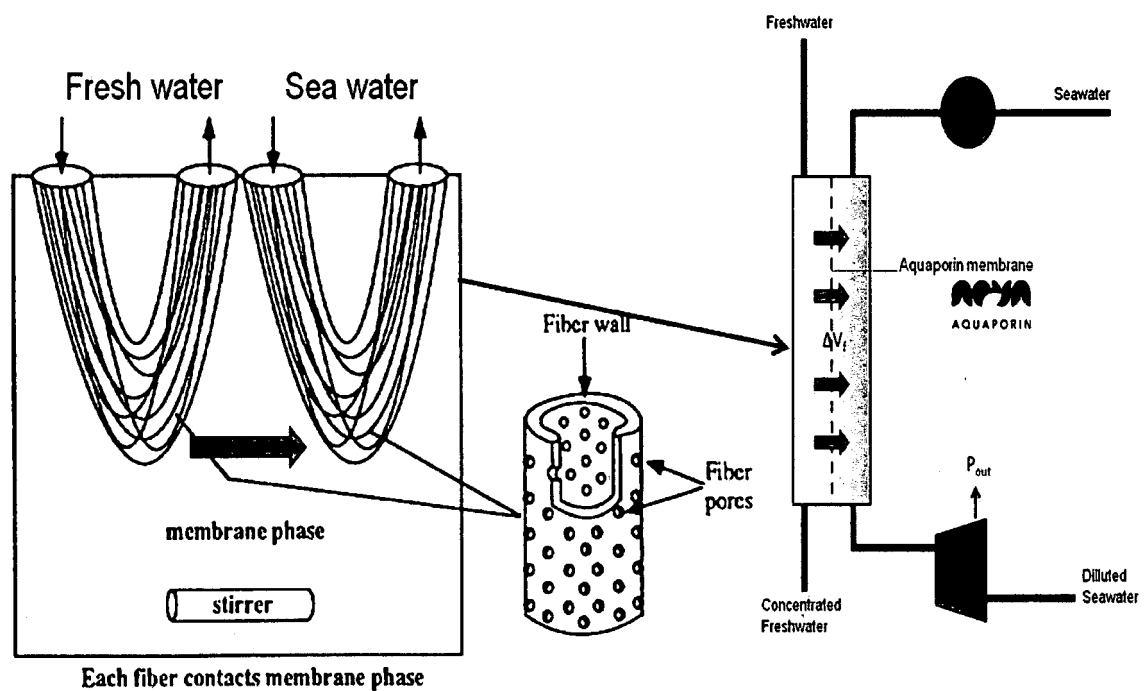


Fig. 7

▲ Pressure retarded osmosis for osmotic power production



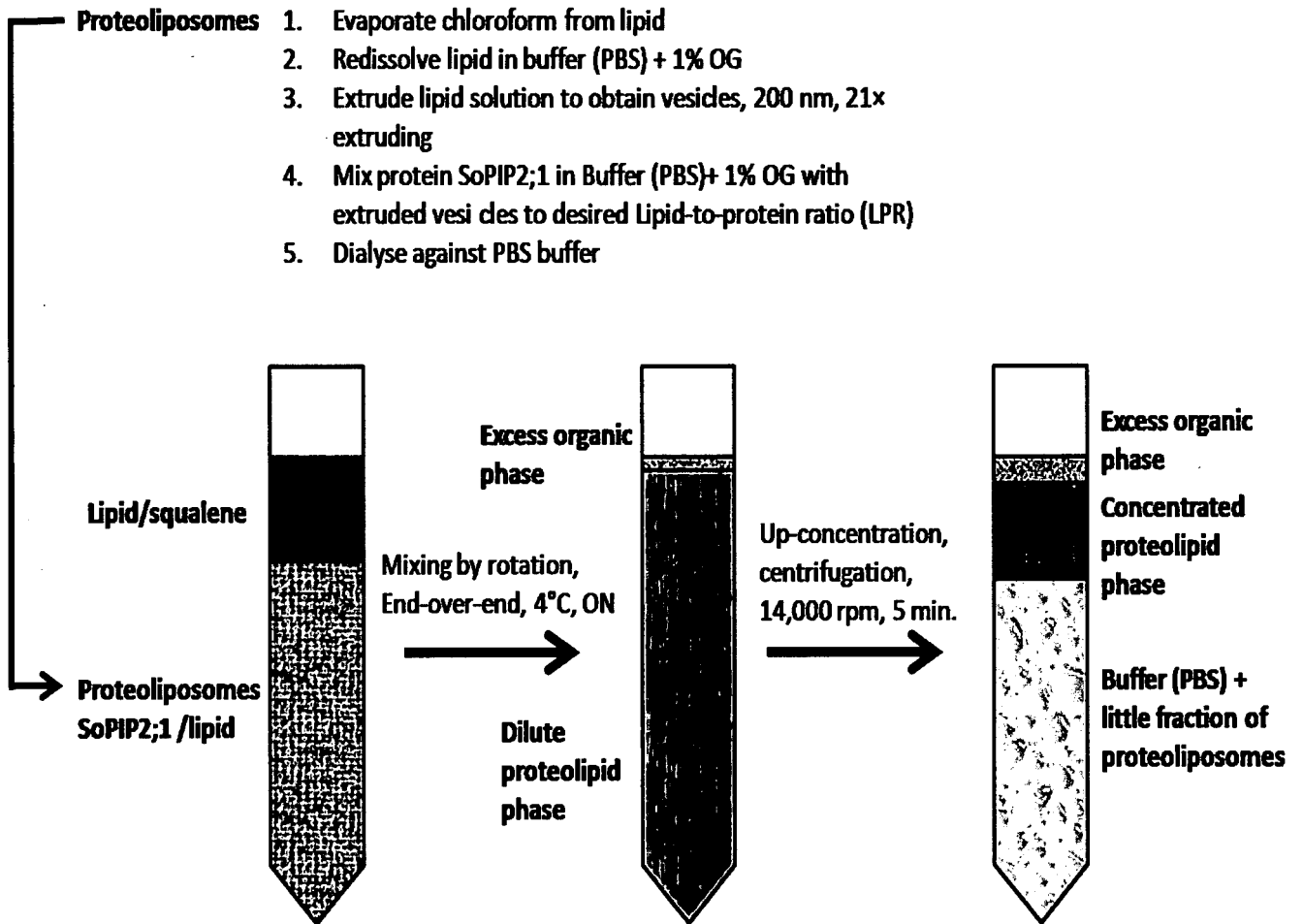
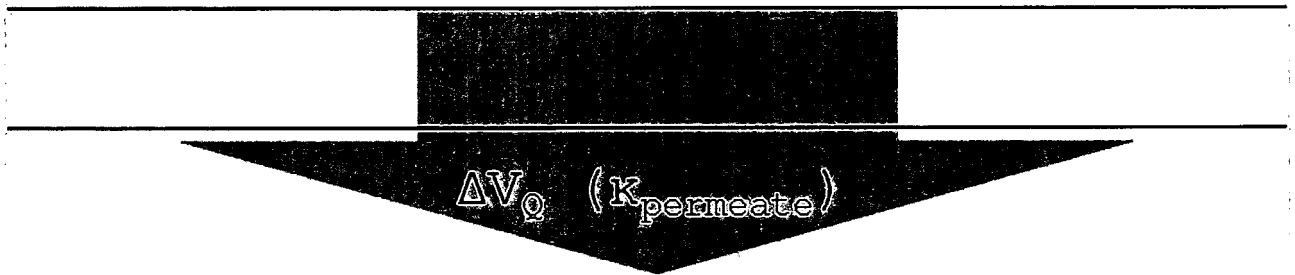


Fig. 8

$K_{\text{feed}}(t)$



$K_{\text{draw}}(t)$

Fig. 9

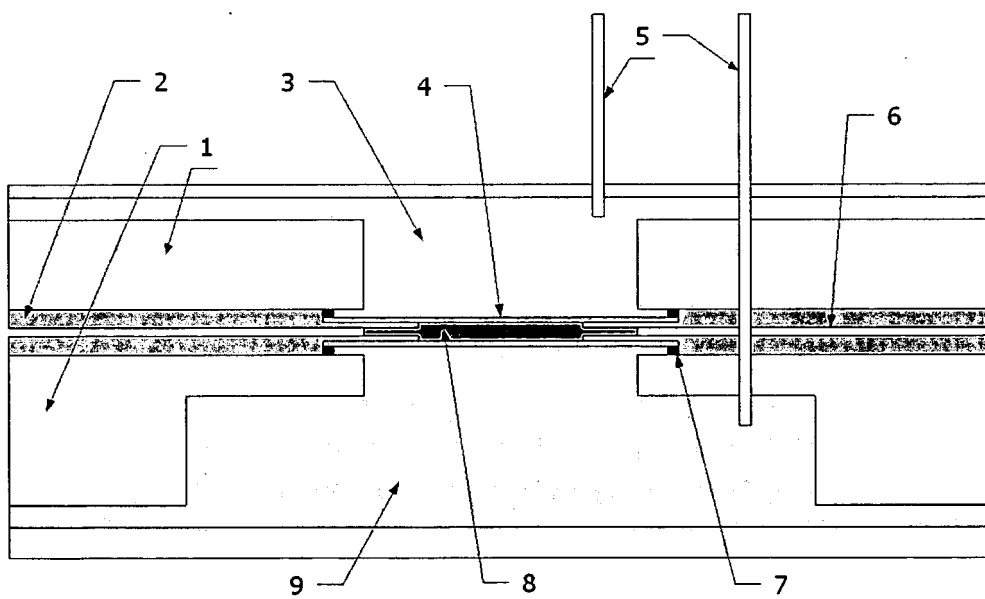


Fig. 10

9/16

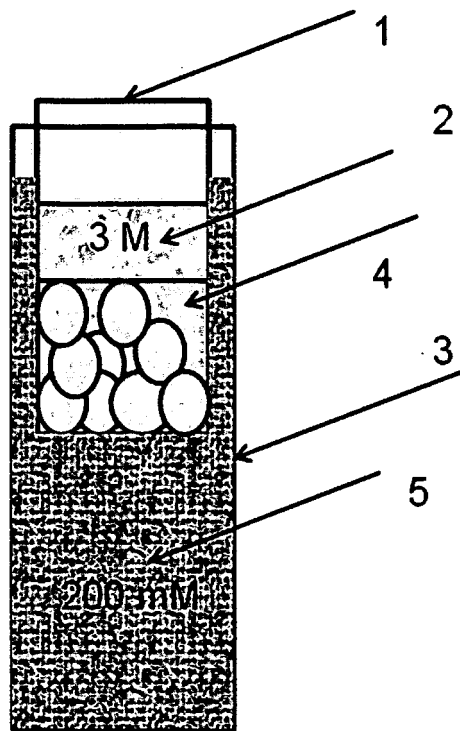


Fig. 11

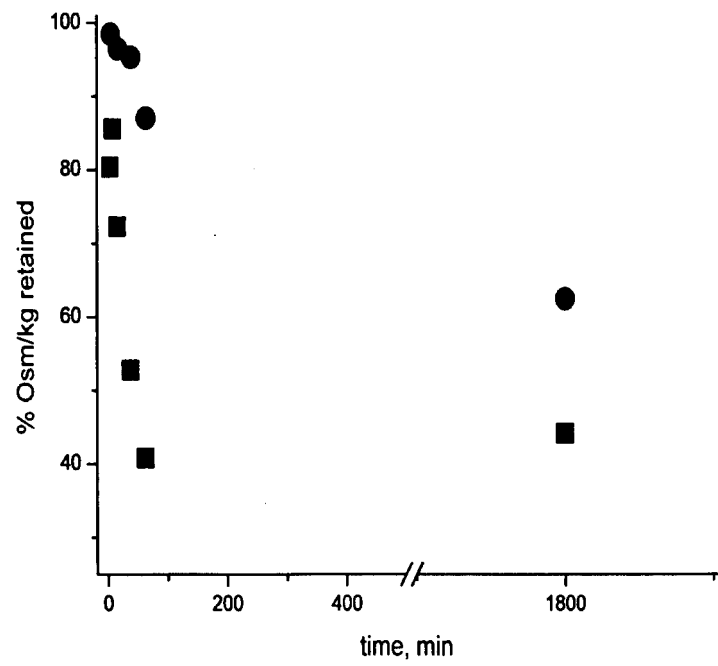


Fig. 12

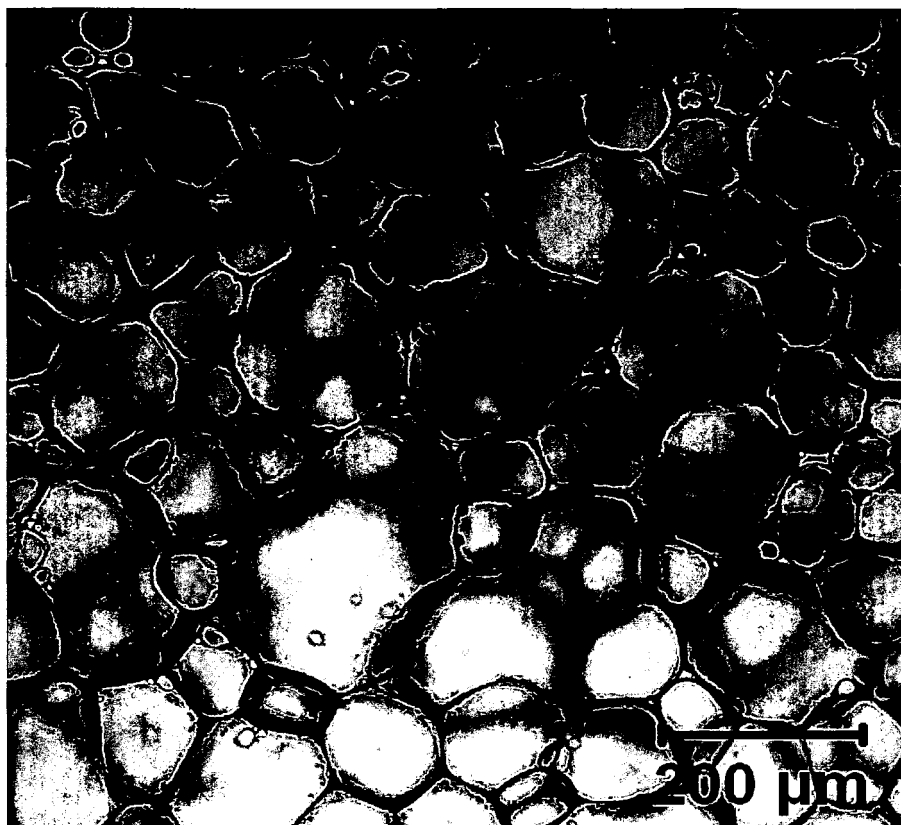


Fig. 13



Fig. 14

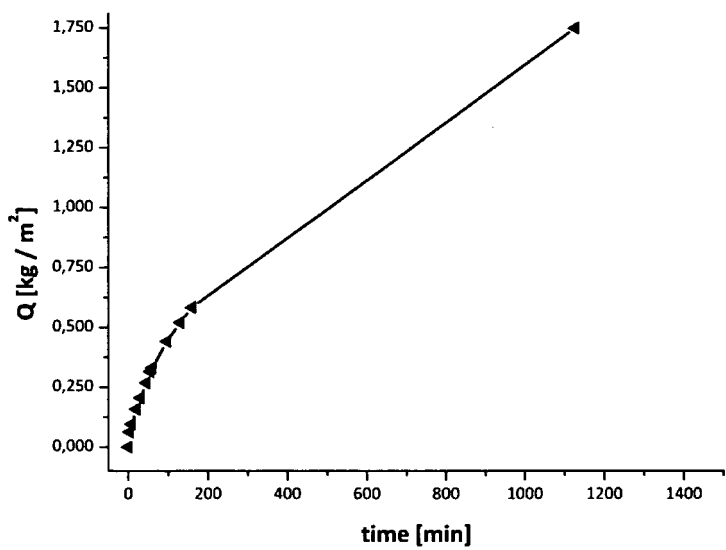


Fig. 15

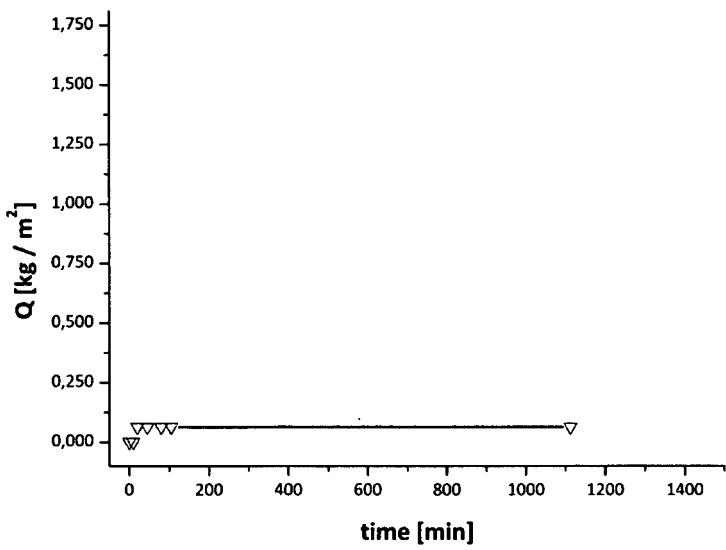
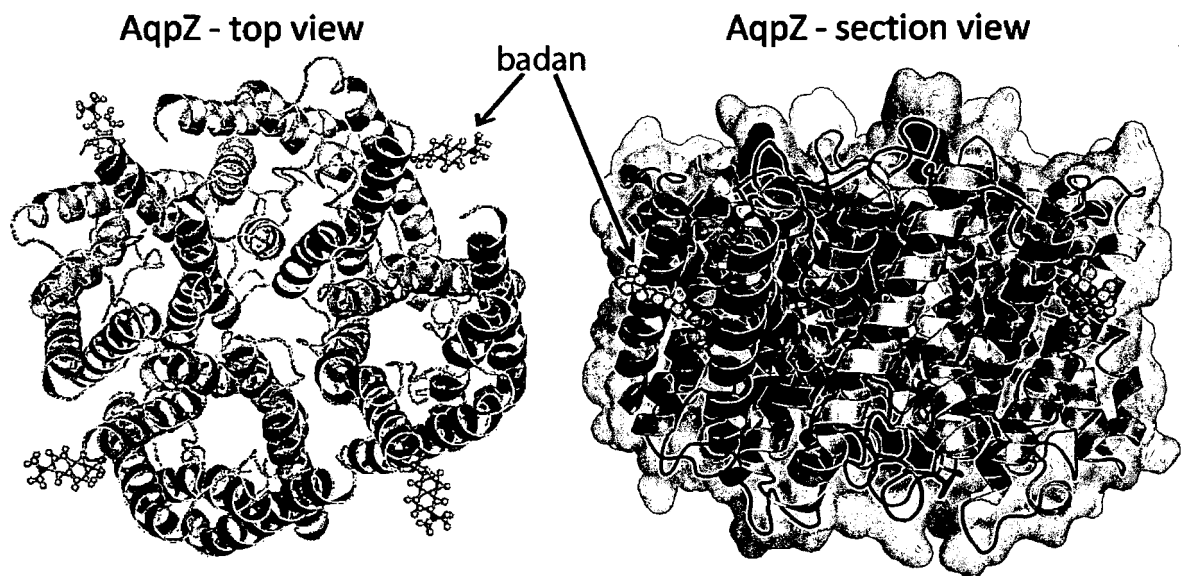


Fig. 16

Fig. 17



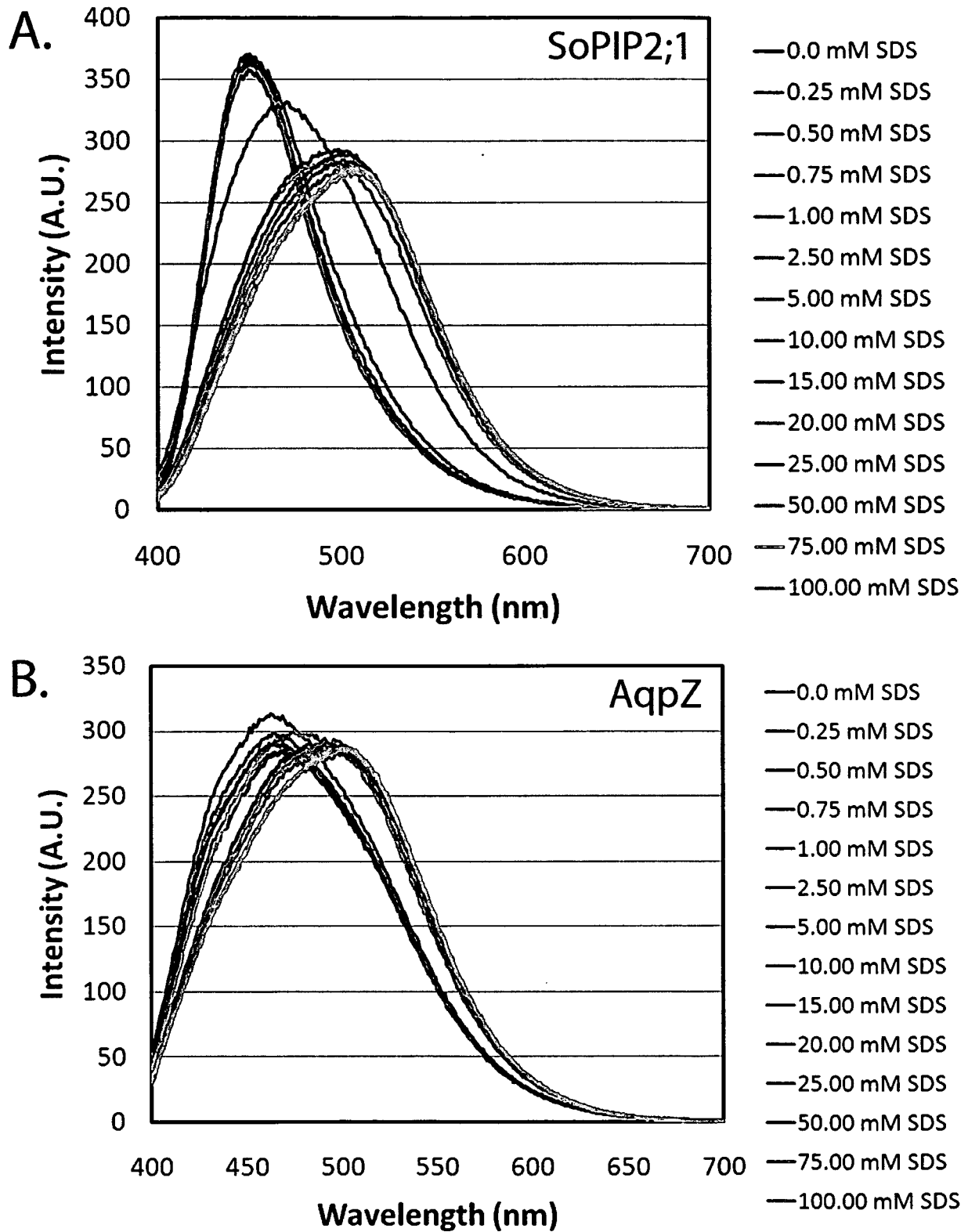


Fig. 18

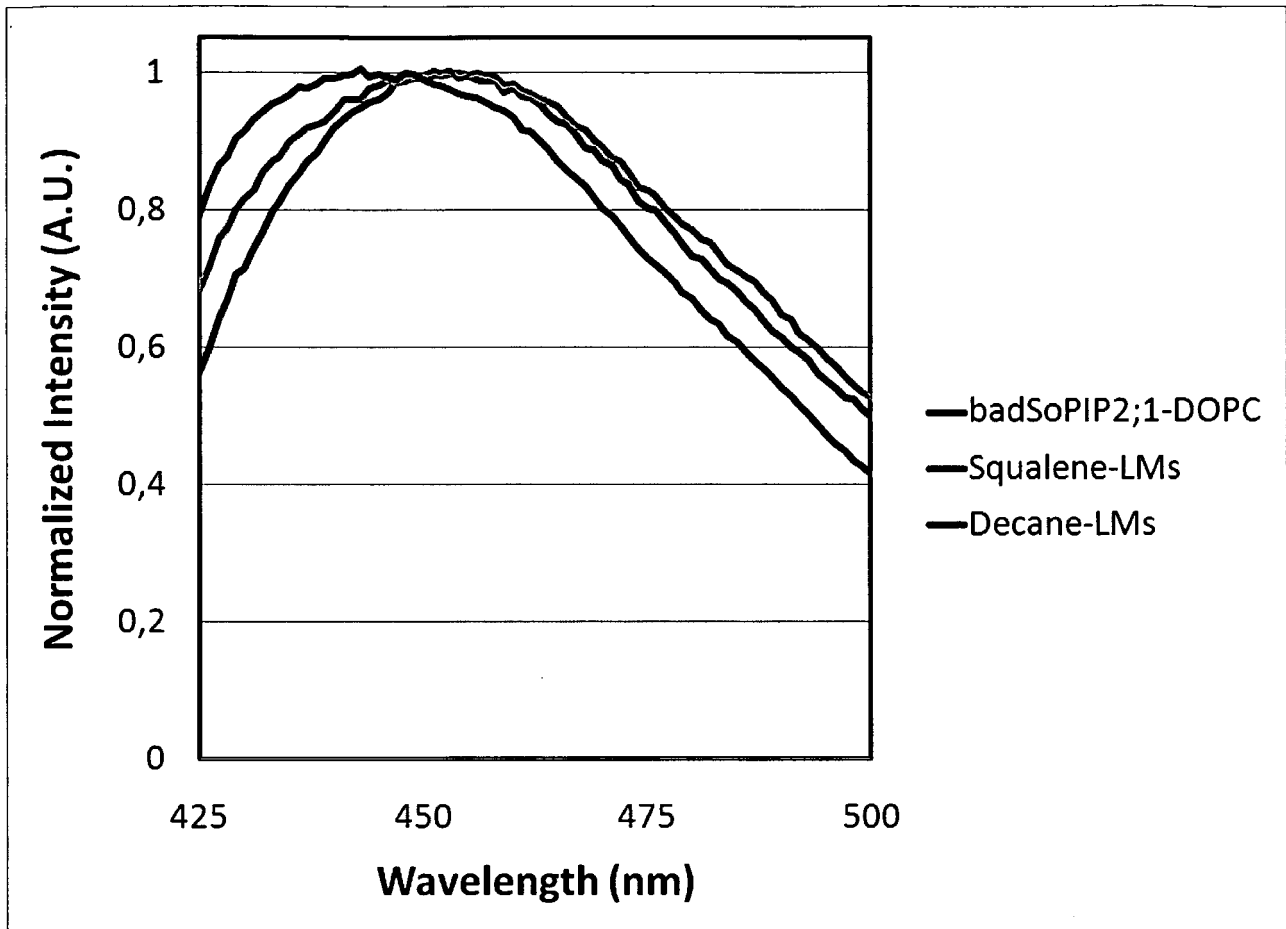


Fig. 19

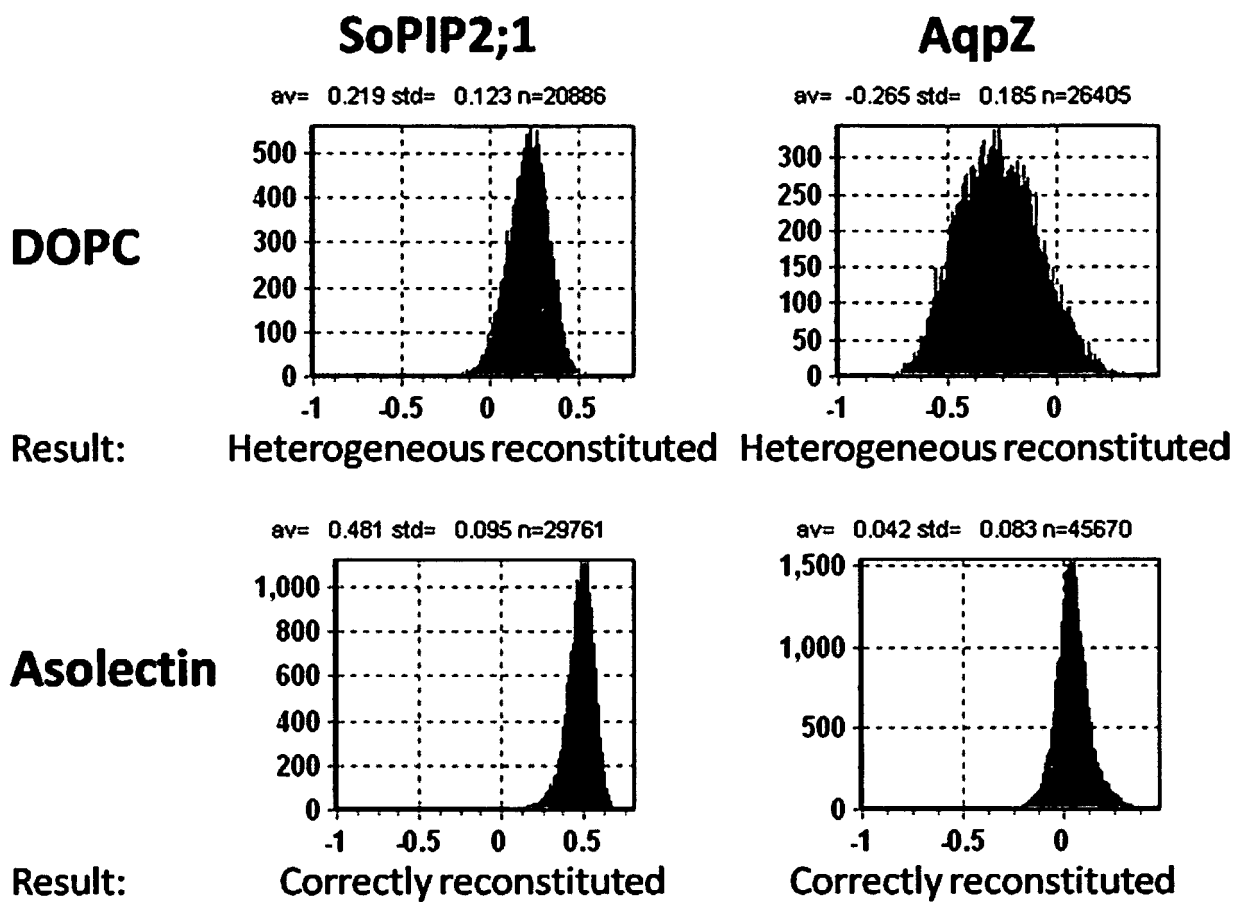


Fig. 20

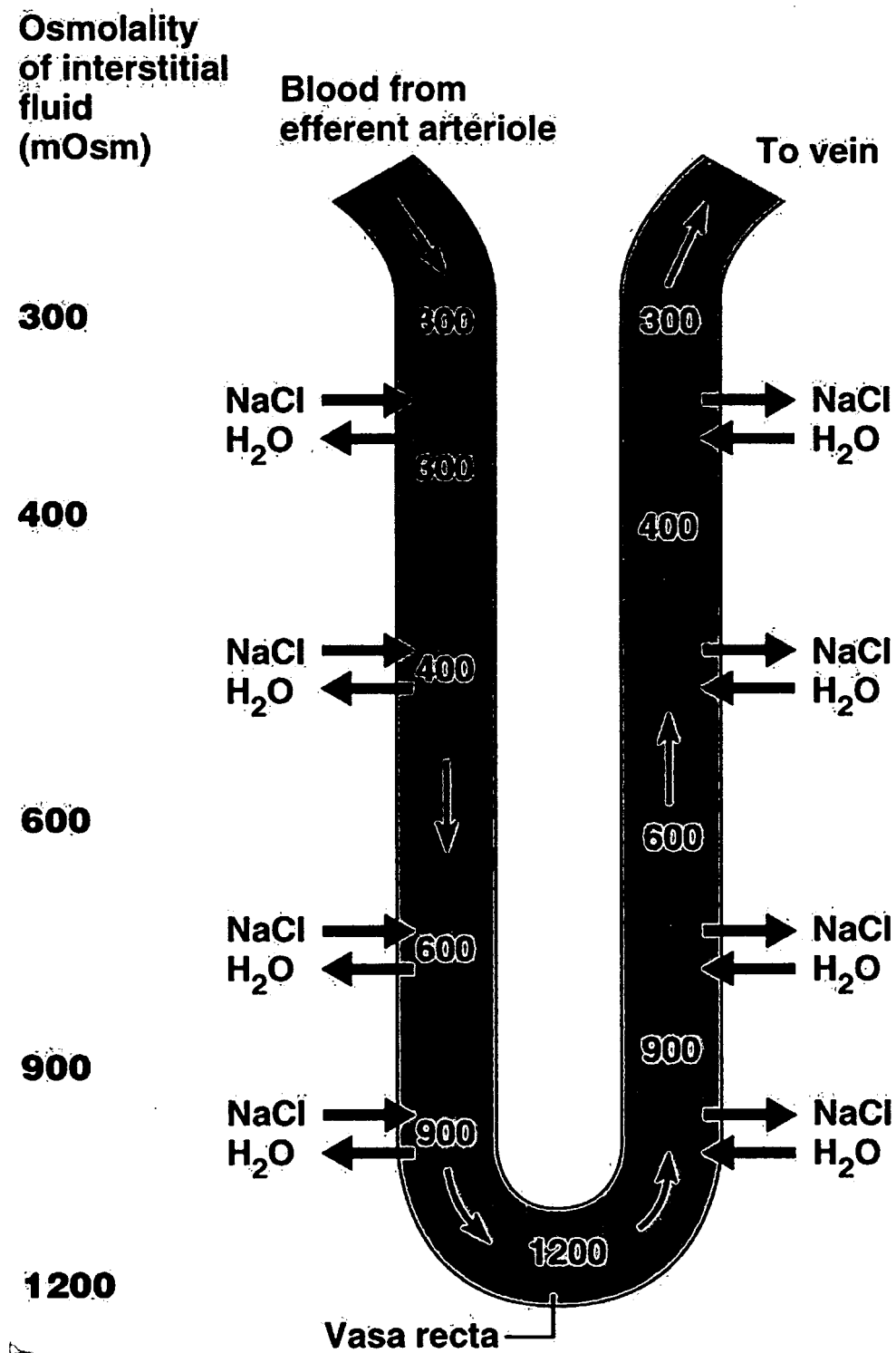


Fig. 21