

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Intact dye inside liposome during buffer wash. Internal Rhodamine dye (yellow color) did not come out during buffer flow through the liposomes attached channel during TIRFM imaging.

File Name: Supplementary Movie 2

Description: Intact liposomes during buffer wash in 10:0 PC liposomes. Internal Rhodamine dye (yellow color) did not come out during buffer flow through the 10:0 PC liposomes attached channel during TIRFM imaging.

File Name: Supplementary Movie 3

Description: Effect on 10:0 PC liposomes during toxin treatment under TIRF microscope. Release of internal Rhodamine dye (yellow color) and change in membrane morphology (red color) during toxin flow through the 10:0 PC liposomes attached channel during TIRFM imaging.

File Name: Supplementary Movie 4

Description: Control Egg-PC/Cholesterol liposomes. Intact morphology of Egg-PC/Cholesterol liposomes stained with Nile red dye (red color) before toxin treatment.

File Name: Supplementary Movie 5

Description: Liposome mixing during toxin treatment. Change in membrane morphology (vesicle fusion, protrusion) of Egg-PC/Cholesterol liposomes stained with Nile red dye (red color) during toxin treatment.

File Name: Supplementary Movie 6

Description: Protrusion from fixed Egg-PC/Cholesterol liposome under TIRF microscope. Membrane protrusion from fluorescently labelled Egg-PC/Cholesterol liposomes (red color) and during toxin treatment.

File Name: Supplementary Movie 7

Description: Dye leakage from Egg-PC/Cholesterol liposomes after toxin treatment. Release of internal Rhodamine dye (yellow color) during toxin flow through the Egg-PC/Cholesterol liposomes (red color) attached to the channel during TIRFM imaging.

File Name: Supplementary Movie 8

Description: Interacting lipid residues from 10:0 PC liposome derived pore structure. Interacting lipid residues with the 10:0 PC lipid chain from one protomer (atomic model) of 10:0 PC liposome derived pore structure.

File Name: Supplementary Movie 9

Description: Location of lipid densities and fitted 10:0 PC lipid chain in 10:0 PC liposome derived pore structure. Interacting lipid residues with the 10:0 PC lipid chain (fitted to map) from protomer (atomic model fitted to map) of 10:0 PC liposome derived pore structure.

File Name: Supplementary Movie 10

Description: Interacting lipid residues from 10:0 PC liposome derived pre-pore structure. Interacting lipid residues with the 10:0 PC lipid chain from protomer (atomic model) of 10:0 PC liposome derived pre-pore structure.

File Name: Supplementary Movie 11

Description: Location of lipid densities and fitted 10:0 PC lipid chain in 10:0 PC liposome derived pre-pore structure. Interacting lipid residues with the 10:0 PC lipid chain (fitted to map) from protomer (atomic model fitted to map) of 10:0 PC liposome derived pre-pore structure.

File Name: Supplementary Movie 12

Description: Conformational changes during pre-pore to pore transition. Conformational changes during pre-pore (magenta) to pore (gray) transition (10:0 PC liposome derived).

File Name: Supplementary Movie 13

Description: N-terminal clash and pre-stem detachment in two adjacent protomers. N-terminal clash and pre-stem detachment in two adjacent protomers (golden and blue color) of late-pre pore state derived from 10:0 PC/SM liposomes.

File Name: Supplementary Movie 14

Description: Conformational changes in the pre-pore structure as compared to the monomeric crystal structure. Conformational changes in the atomic model of two pre-pore protomers (golden and blue color) derived from 10:0 PC liposomes as compared to the monomeric crystal structure.

File Name: Supplementary Movie 15

Description: Pre-stem detachment and barrel insertion in pore state when compared to the monomeric crystal structure. Stabilization of N-terminal, pre-stem detachment, and barrel (stem) insertion in the pore state (golden rod color) derived from 10:0 PC liposomes when compared to the monomeric crystal structure.