Description of Additional Supplementary Files

Title: Supplementary Movie 1

Description: Wetting dynamics for DOPC GUVs (magenta) in contact with glycinin condensates (cyan) at 100 mM NaCl (see Fig. 4a,b). Timestamps are given in minutes (hh:mm) where zero time corresponds to the initial contact between the droplet and the condensate after mixing them. The field of view is 32.6 μ m \times 25.9 μ m.

Title: Supplementary Movie 2

Description: Z-scan of a GUV-droplet system (DOPC GUV, glycinin at 100 mM) presenting ruffling/fingering of the condensate-membrane interface (see Fig. 6). Field of view is 20.0 μ m \times 20.0 μ m.

Title: Supplementary Movie 3

Description: Ruffling/fingering dynamics (DOPC GUV, glycinin at 100 mM); see Fig. 7a,b. Timestamps on the images are given in hours:minutes (hh:mm). The field of view is 26.9 μ m \times 26.9 μ m.

Title: Supplementary Movie 4

Description: Ruffling/fingering structures do not fluctuate (DOPC GUV, glycinin at 100 mM). Time is given in hours:minutes:seconds (hh:mm:ss). The field of view is $18.9 \, \mu m \times 18.9 \, \mu m$.

Title: Supplementary Movie 5

Description: Ruffling/fingering suppression by increasing membrane tension. Micropipette aspiration of a GUV-droplet system (DOPC GUV, glycinin at 100 mM) presenting interfacial ruffling (see Fig. 8). Field of view is $28.9 \ \mu m \times 28.9 \ \mu m$.