### **Supporting Information for**

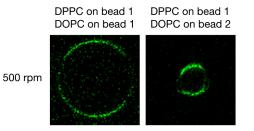
### Article

# **Facile and Rapid Formation of Giant Vesicles from Glass Beads**

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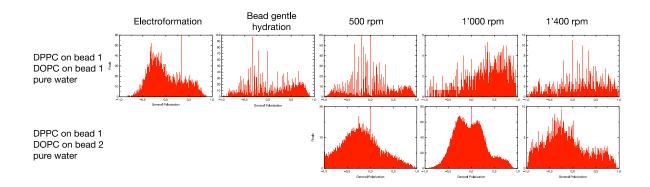
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### Glass beads used after 1 year in the freezer

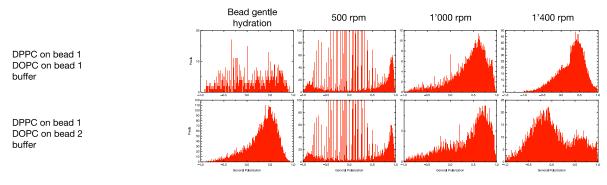


**Figure S1.** Representative confocal micrographs of DPPC/DOPC vesicles hydrated at 65 °C and 500 rpm from glass beads that stayed 1 year in the freezer at -20 °C. Each square is sized to  $20 \ \mu m \times 20 \ \mu m$ . The micrographs were recorded using 1 wavelength only, therefore no general polarization image is provided. The vesicles were artificially colored green for increased visibility.

## Complete set of general polarization histograms



**Figure S2.** Complete set of general polarization histograms of vesicles formulated in pure water calculated from overview micrographs of the GV. Each histogram summarizes at least 20 GVs.



**Figure S1.** Complete set of general polarization histograms of vesicles formulated in PBS buffer in a sucrose/glucose gradient. The data were calculated from overview micrographs of the GV. Each histogram summarizes at least 20 GVs.