



Figure 6.8. Thermotropic phases in single-component and binary membranes. (A) Schematic calorimetric data of a one-component phospholipid membrane showing the variation of heat capacity with temperature. (B) Schematic phase diagram for a binary membrane composed of two lipids with different melting points. Phases are solid ordered (so) and liquid disordered (ld). (C) Fluorescence and corresponding (D) AFM images of a supported POPC:DPPC (1:1) membrane at 20°C exhibiting coexistence of so and ld domains.