



Figure 6.9. (A) Single- and double-supported ternary membranes with the composition DOPC:DPPE:Chol (2:2:1) corresponding to the l_o/l_d coexistence region (marked) of the membrane phase diagram. (B) AFM scan of a single-supported membrane hydrated in water showing branched nanoscale domains. (C) Fluorescence image of a double-supported membrane system (150-mM NaCl) with large circular liquid-ordered domains in bilayer 2 overlapping with smaller domains in bilayer 1. The domains in bilayer 1 have been imaged with AFM in (D), which confirms the absence of nanoscale domains in this case.