

FIGURE 22-6 Three-dimensional pseudocolor reconstruction of Laurdan GP values in membranes of OK cell layers. (A), (C), (E) are obtained from a confluent monolayer of OK cells in control, cholesterol-enriched (LDL-treated), and cholesterol-depleted (LPDS) conditions, respectively. (B), (D), and (F) display the same cell monolayers, viewed as GP values above 0.4 only. Cholesterol enrichment causes a significant increase in GP, with most GP > 0.4, while cholesterol depletion causes a marked decrease in GP, with most of GP < 0.4.

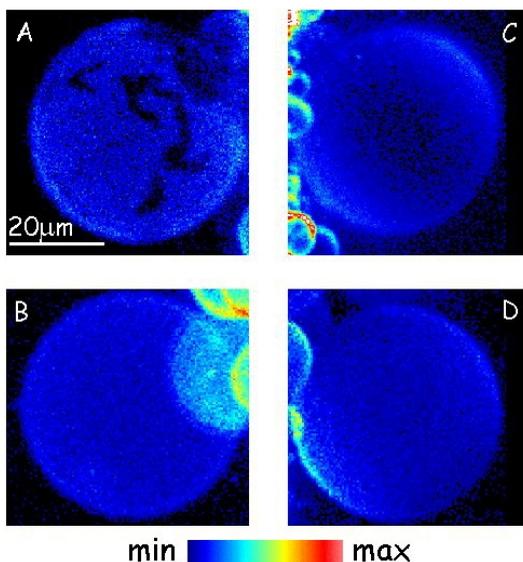


FIGURE 22-7 Two-photon excitation fluorescence microscopy images of GUVs, labeled with Prodan, composed of an equimolar mixture of dilauroyl- and dipalmitoyl-phosphatidylcholine in the absence (A, B) and presence (C, D) of 30 mol% cholesterol.