



**Proposed model of potato suberin.** The poly(phenolic) domain (SPPD), shown at top left, is thought to be associated with the primary cell wall, while the poly(aliphatic) domain (SPAD), shown at top right, is thought to reside between the cell wall and plasma membrane. The SPPD resembles a lignin-like macromolecule, albeit with a unique chemical composition. The SPAD is depicted as a glycerol-bridged linear polymer with associated waxes. The two domains are thought to be linked via glycerol. The TEM image at the bottom illustrates the multi-lamellar structure typical of many suberized tissues, such as the potato tuber skin section shown. Adapted from Bernards 2002, *Can J. Bot.* 80:227-240.