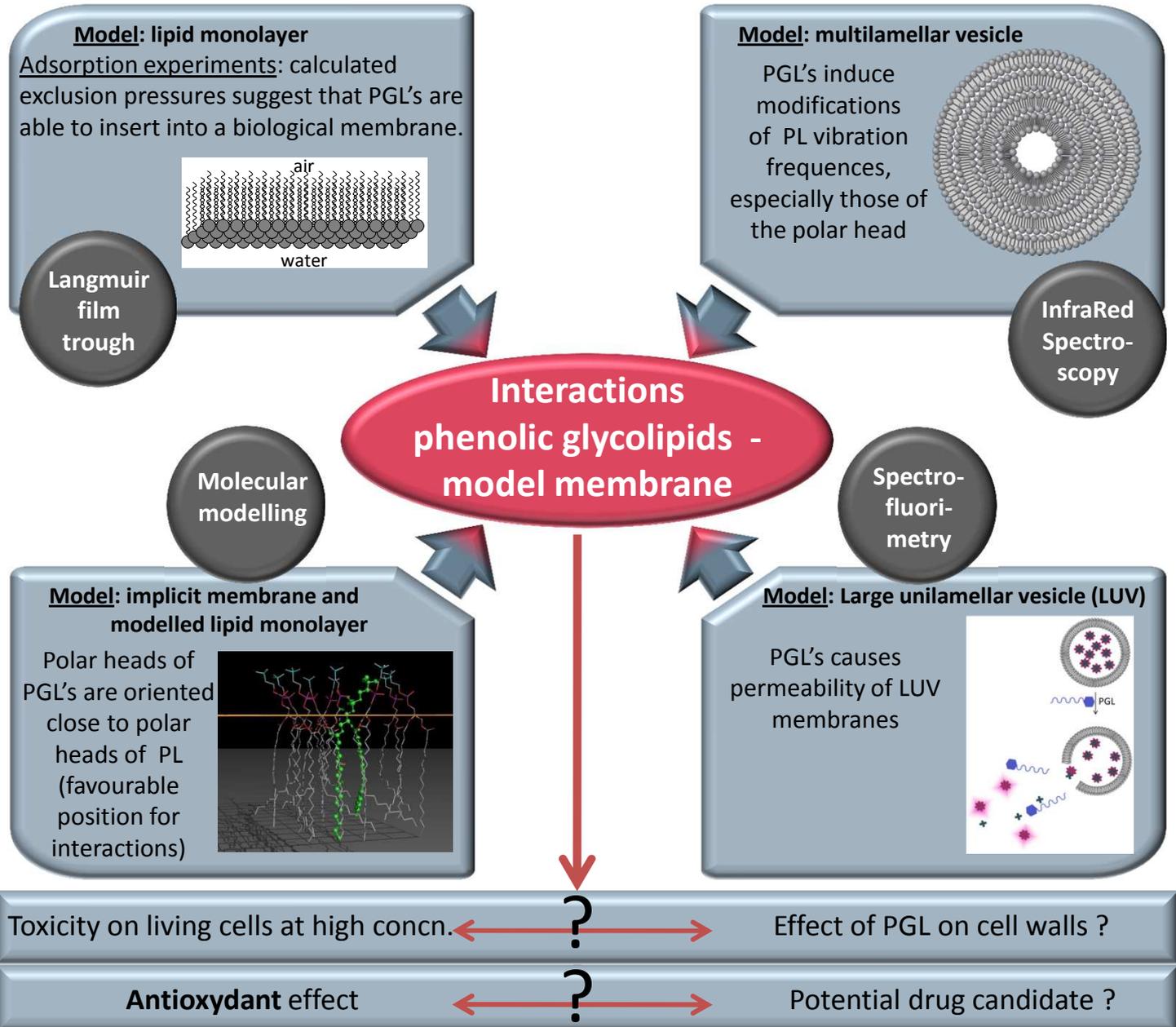


# Interactions between new phenolic glycolipids and model membrane

Model membrane based on phospholipids (PL) layers are useful to mimic properties of plasma membranes. The interactions between new synthesized phenolic glycolipids (PGL) and biological membrane are crucial to determine their potential as drug candidates and their cytotoxicity .



**Conclusions** The two synthesized phenolic glycolipids are able to interact with membrane lipids and more particularly with the polar head of phospholipids. The interaction between synthesized compounds and cell membrane may cause damages leading to cell death at high concentration but could be favourable to insert antioxydant compound in the lipid bilayer where peroxydation can occur.