



Figure 18.1 Structures of polymyxins (1) and (2) and polymyxin-derived antibiotic adjuvants (3)–(9).

niclosamide has been shown to inhibit QS in *PA* by hindering the cell's response and production of the autoinducer *N*-3-oxododecanoyl-homoserine lactone (Imperi et al. 2013). The quenching of QS by *niclosamide* phenotypically impeded bacterial motility, biofilm formation, and secretion of virulence factors. Polybasic permeabilizers and EPs could potentially induce nephrotoxicity as was observed for certain polymyxins and aminoglycosides (Ordoeii et al. 2015) or become toxic by concentrating in acidic vesicles as seen for dibasic