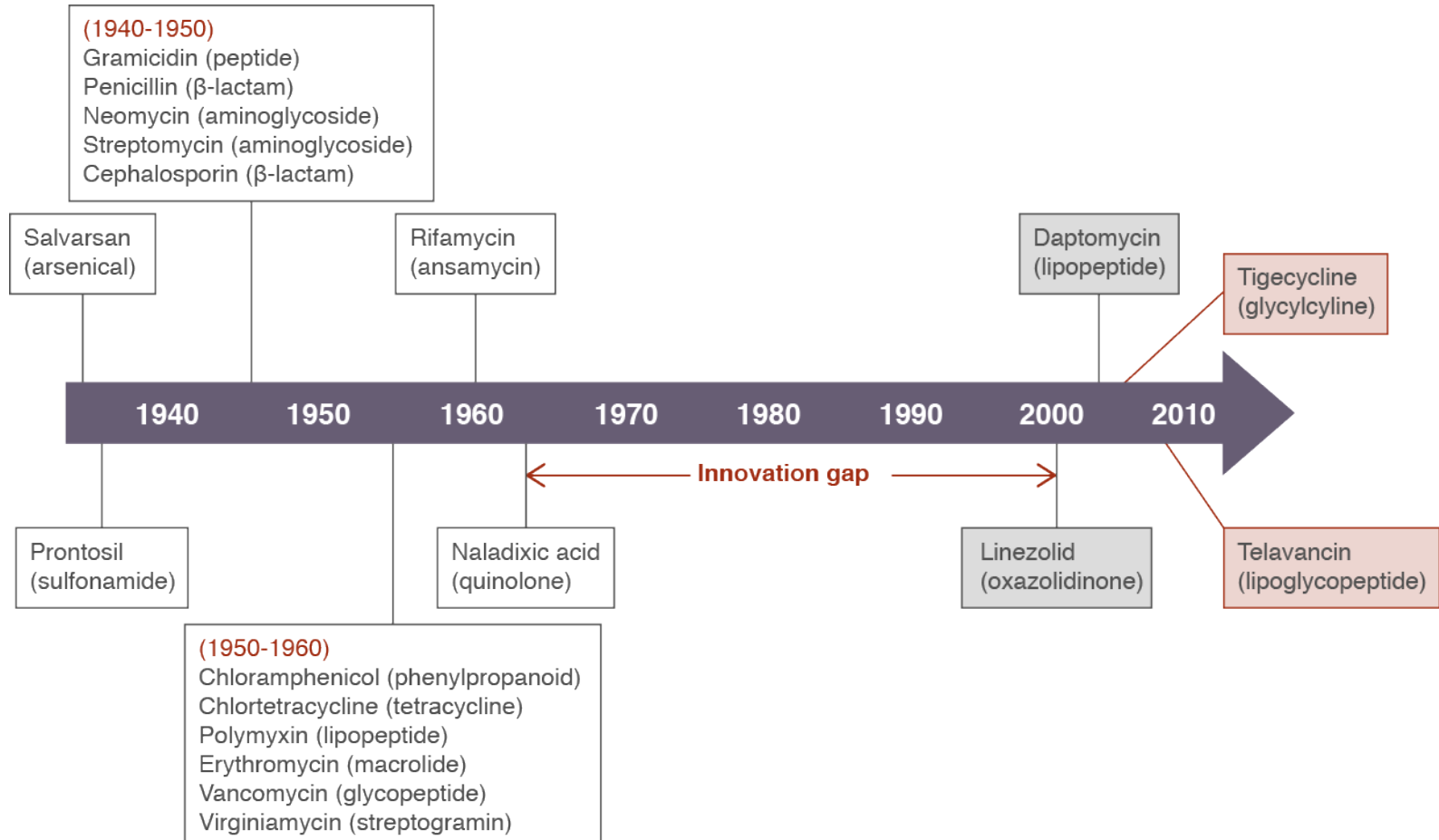


Introducing telavancin



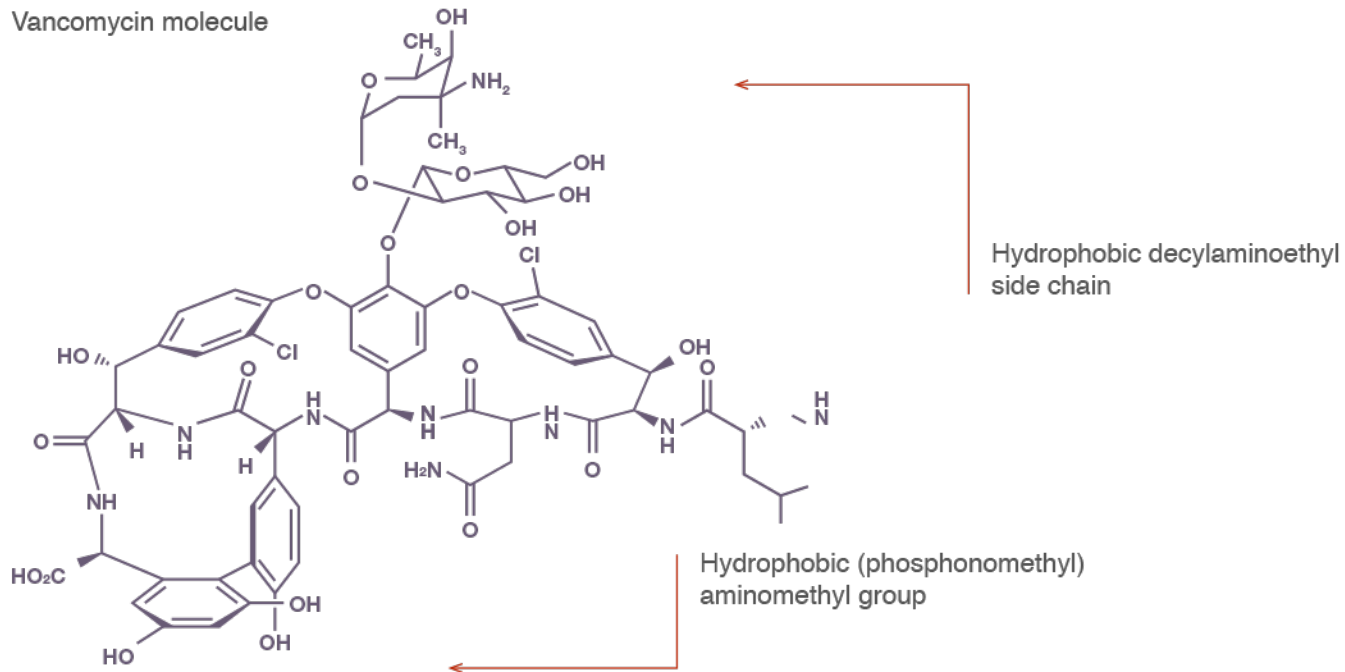
History of antibiotic development



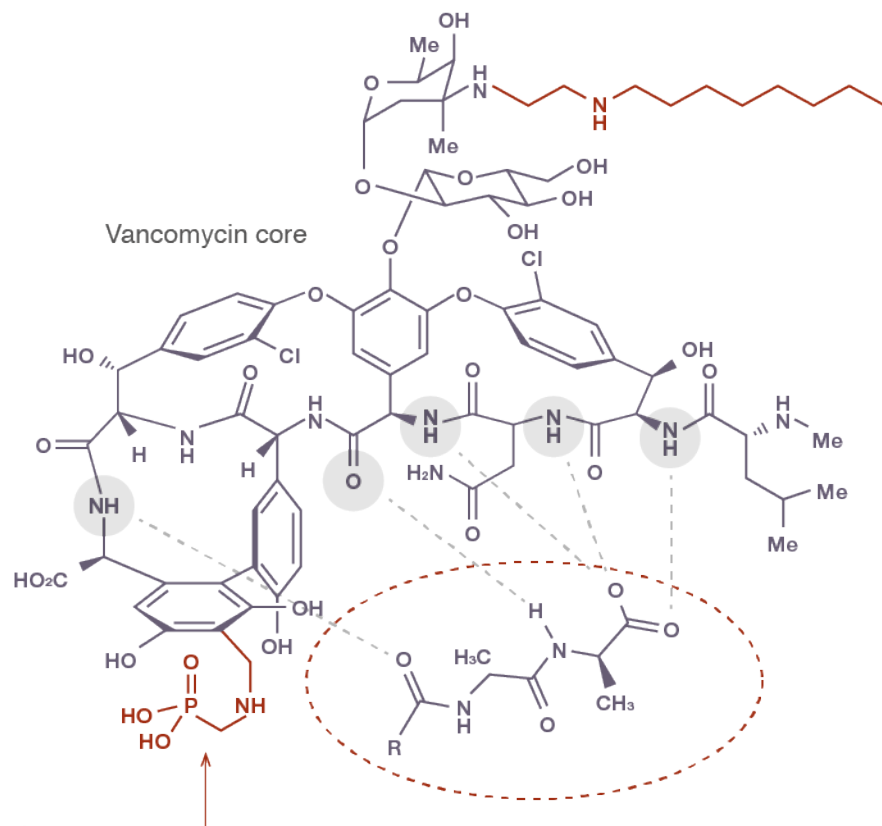
Telavancin is a novel lipoglycopeptide with an evolved, multivalent design^{1,2}

Telavancin contains two important modifications to the glycopeptide core of vancomycin^{1,2}

Vancomycin molecule



The novel design of telavancin may help overcome the limitations of glycopeptides



Optimisation pivoted on several factors

- High potency
- Broad spectrum, Gram-positive activity
- Membrane anchoring/novel mechanism
- Rapid cidalty
- Solubility (and other factors that impact development potential)

Refinement centered around absorption, distribution, metabolism and excretion properties¹

- Potential for renal clearance¹
- Potential for once-daily dosing
- *In vivo* efficacy in animal models of infection¹