

KEY WORDS AND PHRASES FOR PEPTIDOGLYCAN SYNTHESIS CONCEPT MAP

1. A polymer consisting of interlocking chains of identical peptidoglycan monomers connected to one another by peptide cross-links.
2. autolysins
3. bactoprenol
4. penicillins, cephalosporins, carbapenems, monobactams, carbacephems, glycopeptides, and bacitracin
5. osmotic lysis
6. Consists of two joined amino sugars, N-acetylglucosamine (NAG) and N-acetylmuramic acid (NAM), with a pentapeptide coming off of the NAM.
7. prevent osmotic lysis
8. stains pink after Gram staining
9. stains purple after Gram staining
10. stains red after acid-fast staining
11. transglycosidases
12. transpeptidases