

Supplementary

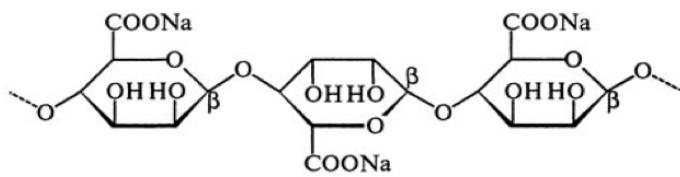


Figure S1. The structural formula of sodium alginate.

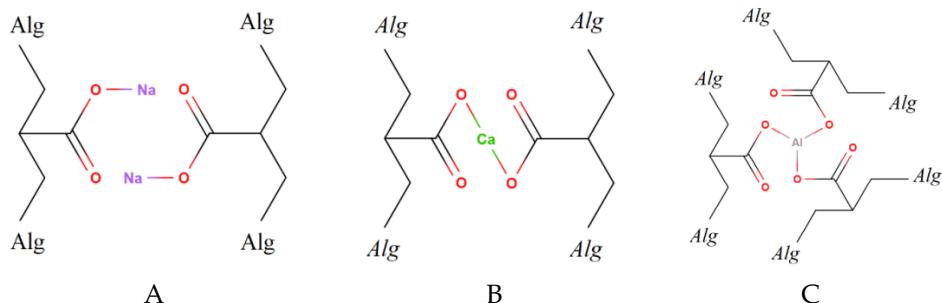


Figure S2. Schematic structural formulas A) NaAlg; B) CaAlg; C) AlAlg.

Supplementary 3

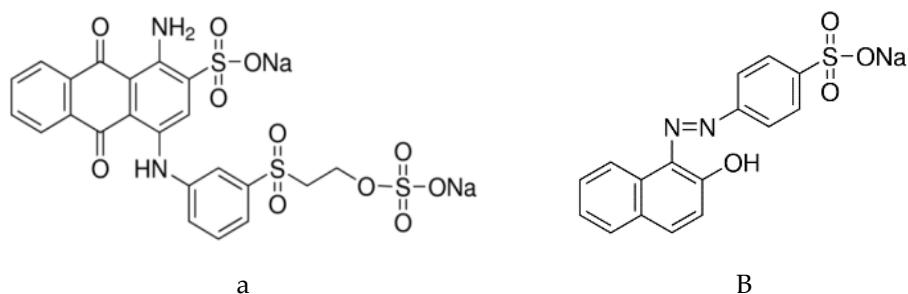


Figure S3. Model substances of antibiotics: A - Remazol Brilliant Blue R (MW = 626 g/mol),
B - Orange II (MW = 350 g/mol).

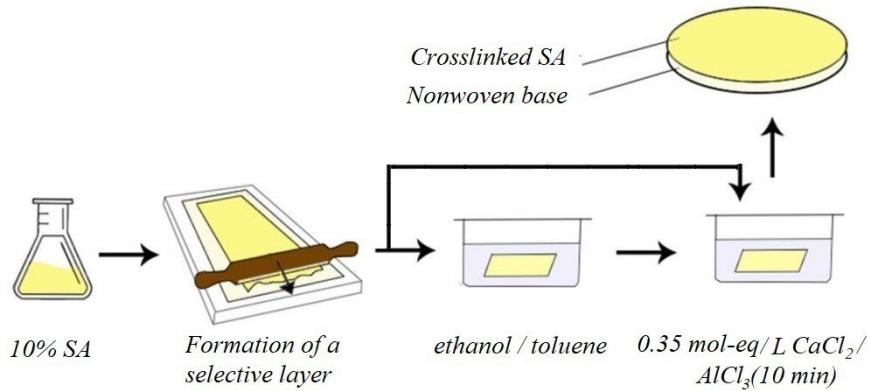


Figure S4. The scheme of membranes preparation.

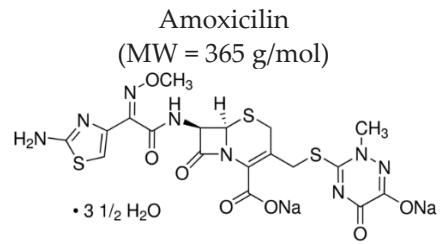
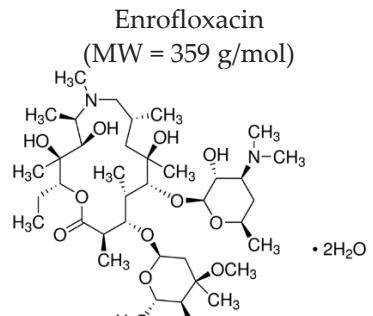
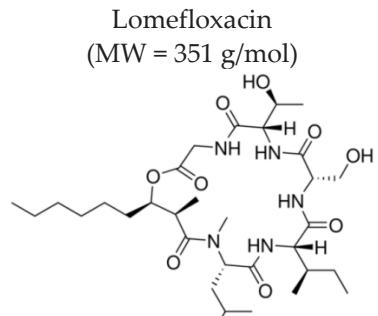
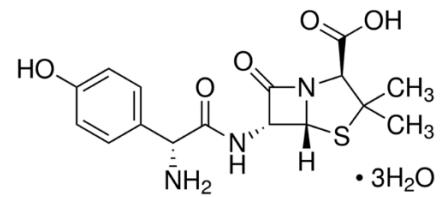
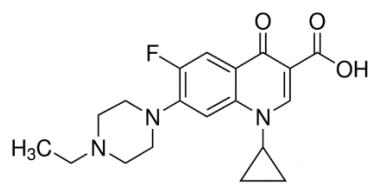
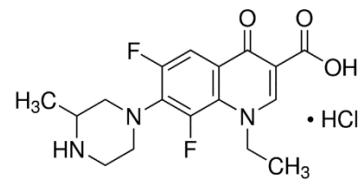


Figure S5. Structural formulas of simulated antibiotics.