

## Chapter 8

### ANTIBIOTICS AND ANTIMICROBIAL RESISTANCE MECHANISM OF ENTRY IN THE ENVIRONMENT

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#### **Abstract**

An overwhelming amount of antibiotics that can penetrate the human body over water and food accelerates the development of resistant bacteria and reduces the efficacy of the drugs, which, in the opinion of experts, will cause benign injuries to become deadly. Antibiotics in uncontrolled quantities produce resistance and is an ecological disaster. It is unlikely because the standards for the production of medicines are extremely rigid and the fact that they are ignoring them automatically closes. This would lead to a great deal of fish, plant and animal life, and certainly would affect people's health. People would take water containing decomposed antibiotics, which would affect the function of the digestive tract and resistance to antibiotics. This suggests that antibiotics can be independent and at the same time induce potentially dangerous biofilm formations in other bacteria and that the pathway activity can be transmitted through specific signal pathologies. This generates the underlying discussion of evolution in antibiotic activity and the fact that some antibiotics used for therapy may be induced biofilms form in many strong and specific ways, which have broad implications for human health.

**Keywords:** Antibiotics, antimicrobial resistance, hazards, environmental degradation

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