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Antibiotic resistance in bacterial strains of animal origin**Mohamed Belmahdi***University of Djelfa, Algeria.*

Infectious diseases are a major threat to human and animal health and an important cause of morbidity and mortality. The use of antibiotics in animals is more than 50 years old when using waste from the fermentation of chlorotetracycline that has improved animal growth and health. Since then, significant changes have taken place in animal feed production as well as in pet medicine. The use of antibiotics in veterinary and human medicine is considered the most important cause for the appearance and dissemination of antibiotic resistant microorganisms. This resistance does not include that pathogens, but also the endogenous flora of individuals (animals and humans) exposed to this type of medication. The use of antibiotics in veterinary and human medicine is considered to be the most important factor for the appearance and dissemination of antibiotic resistant microorganisms. This resistance does not include only the pathogens, but also the endogenous flora of individuals (animals and humans) exposed to this type of medication. Antibiotics resistance from animal origin can affect human health, directly or indirectly. Direct effects result from the transfers of antibiotic resistance bacteria to human. Infections can be caused by microorganisms transmitted from animals to humans (zoonosis), usually through food. While indirect effects occur when resistance genes from animal bacteria are transferred to bacteria pathogens for humans. Wild birds are vectors and reservoirs for the maintenance and spread of infections, interactions between humans and wild birds are evident, they reside in human habitats, migrate between waste collection areas.

Biography

Mohamed Belmahdi has completed his PhD at the age of 36 from the University of Bejaia and postdoctoral studies of the University of Djelfa. He is the teacher researcher at the SNV faculty of the University of Djelfa. He has published 2 articles in in reputed journals..