Antimicrobial agents are widely used for treatment of animals and humans as well as for production purposes in livestock production in several countries. This is exerting a major selective pressure on bacterial populations, and is selecting for populations resistant to the antimicrobials used. The emergence and spread of resistant bacteria in the food chain is a major concern as food-producing animals may constitute a huge reservoir for antimicrobial resistance. Furthermore, food animals and food of animal origin is traded worldwide, which means that the occurrences of antimicrobial resistance in the food supply of one country is currently potentially a problem for all countries.