

Arcobacter - an emerging threat to animals and animal origin food products?

ABSTRACT

Genus *Arcobacter* is consisted of twelve species, which have been isolated from a wide range of animals and animal origin food products such as beef, milk, rabbit meat, pork and chicken, thus raising public health concern. Recent reports showed that infection in human can occur by close contact with pets (dogs and cats). Dose response, pathogenicity and toxin production in the development of disease are not fully understood. As cultural detection is time consuming and not confirmatory, various DNA based protocols have been developed for rapid and accurate identification of *Arcobacter* species. This review reports on the occurrence of *Arcobacter* in animals other than chickens and in food of animal origin other than chicken meat.

Keyword: *Arcobacter*; Cattle; Meat; Milk; Detection methods.