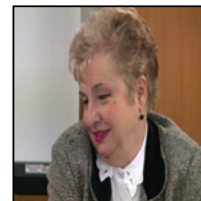


Epidemiological survey consideration concerning foodborne infection in Romania



Liana Monica Deac

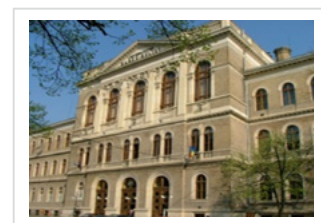
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Biography

Graduate Medicine and Pharmacy University Cluj- Romania in 1979. Have completed my PhD in 1995 and continued my postdoctoral activity during 1996-1998 in the field of Nosocomial infections, in Berlin and Philadelphia universities. 1993 -2000, was Head of the Epidemiology Department in the Public Health Institute from Cluj, as Senior Epidemiologist, Infectious diseases and Laboratory specialist. From 2006 to present, I am Assoc. Professor – Biology Faculty, Babes- Bolyai University. Have published more than 70 papers as first author, in several internal and external revues and wrote 9 medical books in Romania. Am member in 2 abroad editorial boards and was invited till to present, as Chair, or even Key Note presenter, at several international medical conferences.

Abstract

Foodborne infections are costly and almost preventable public health world problematic during 2015-2019, it was realized an epidemiological survey with selective observations for 203 Foodborne diseases appeared in Transylvania - Romania. It was obtained even a clinical study, many case interpretations and conclusions of all relevant appeared situations. The results, figured out that most cases appeared in adults with several chronic illnesses and male in 56%, from rural side 57%. The pathology was present after family events, when food contamination occurred probably at any point, from: production, processing, distribution, or any meals preparation with: eggs, milk and meat products. There were several disease forms, from simple one in 70%, middle one in 22%, to severe who arrived in totality to 8 % and needed even hospitalization days. Food- born infection were caused by: Salmonella spp in 67%, mostly Salmonella enteritidis in 29 % and 14% were determined by Staphylococcus aureus. To protect people from foodborne infections, there is important to survey correct each chain of food production, processing, transportation, handling, and all preparation steps. Correct hand washing means anywhere a lot, in the illness prevention activity.



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