



## Serodetection of Hepatitis A Virus among Food-handlers in Khartoum Locality , Sudan

**Mohammed Elfatih A. Ibrahim**

*Supervisor, MaiBela Ave, Asmara, Asmara-Eritrea*

### Abstract:

Hepatitis A virus (HAV) infections occur mainly as a result of bad hygienic conditions and Foodborne infections are very common in developing countries due to the problem of both personal and environmental unhygienic sanitary practices. Objective: The aim of this study was to detect HAV among food handlers working in cafeterias in Khartoum Locality. Methods: Enzyme-linked immunosorbent assay (ELISA) was done to determine the presence of anti-HAV IgM and IgG among 90 food handlers (73 males and 17 females) during the period from June to September 2013. The results: HAV IgM antibodies were detected in 4.4 % (4 /90) and 98.8% (89/90) were positive for anti-HAV IgG antibodies. Conclusion: This study concluded that, there is asymptomatic individuals indicate that the HAV circulate at low but considerable levels especially among food handlers; that may be a source of outbreak.

### Biography:

Mohammed Elfatih A. Ibrahim is a professor at University of Essex in the department of School of Health and Human Sciences.

### Recent Publications:

1. Mohammed Elfatih A. Ibrahim; Serological and virological profile of patients with chronic hepatitis B infection in Eritrea; 2020
2. Mohammed Elfatih A. Ibrahim; Monocytes to lymphocytes ratio in peripheral blood and immunoglobulin IgE levels as indicators to Plasmodium falciparum infection in Sudan; 2019
3. Mohammed Elfatih A. Ibrahim; Effectiveness of ethanol and methanol alcohols on different isolates of staphylococcus species; 2019
4. Mohammed Elfatih A. Ibrahim; Evaluation of Allelopathic Potential of Artemisia herba-alba on Germination and Seedling Growth of Raphanus sativus and Trigonella foenum-graecum; 2019
5. Mohammed Elfatih A. Ibrahim; Allelopathic Activity of Some Medicinal Plants against Erwinia carotovora; 2019



World Microbiology Summit; April 24, 2020; London, UK

**Citation:** Mohammed Elfatih A. Ibrahim; Serodetection of Hepatitis A Virus among Food-handlers in Khartoum Locality , Sudan; Microbiology 2020; April 24, 2020; London, UK