



Seroprevalence and genotype profile of hepatitis B virus among antenatal attendees of a tertiary hospital in Nigeria

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Abstract:

Nigeria like other sub-Saharan Africa countries falls among WHO's hyperendemic region for hepatitis B virus (HBV) infection and with prevalence greater than 8%. It's been found out that in hyperendemic regions, the major route of acquisition of this virus is by mother-to-child transmission at the time of birth or infancy. Newborns that contract the infection have about 90% risk of developing chronic HBsAg carriage and 25% risk of chronic liver diseases. The genotypes of hepatitis B virus influence its mode of transmission, geographic distribution, clinical outcome and response to antiviral therapy.

AIMS: This study was conducted to determine the seroprevalence and genotype profile of hepatitis B virus infection among pregnant women attending antenatal clinic of Ahmadu Bello University Teaching Hospital (ABUTH), Zaria.

Biography:

Yahaya Shaibu Usman is from Nigeria. He is a student from Student at Ahmadu Bello University zaria. He is very passionate about learning new things and very much interested to participate in international conferences and explore in his related fields.

Publication of speakers:

1. Musa, & SHAIBU-IMODAGBE, EGBENYA & Alfa, Meshach & Ishaq, Aliyu & Igboro, Sunday Bamidele. (2016). EFFECTS OF SINGLE SUPER PHOSPHATE AND WOOD ASH ON BIOGAS PRODUCTION USING CHICKEN DROPPINGS WITH DIGITARIA SMUTS II (WOOLY FINGER GRASS). 3. 33 - 40.
2. Williams, Akan & Benson, Nsikak & SHAIBU-IMODAGBE, EGBENYA. (2016). Distribution of organochlorine pesticide residues in epipelagic and benthic sediments from Lagos Lagoon, Nigeria.



3. SHAIBU-IMODAGBE, EGBENYA & AMEN, OKUOFU & PAUL, UNYIMADU & Williams, Akan & HAJARA, OMENESA. (2015). Evaluation of Levels of Regulated Trihalomethanes (THMs) in a Community Drinking Water Supply in Nigeria.
4. MOHAMMAD, Yahaya & SHAIBU-IMODAGBE, EGBENYA & Igboro, Sunday Bamidele & Giwa, Abdulraheem & OKUOFU, Charles. (2015). Isotherm, kinetics and thermodynamics of phenol adsorption onto rice husk activated carbon. Leonardo Electronic Journal of Practices and Technologies. 14. 115-128.
5. Mohammad, Y & SHAIBU-IMODAGBE, EGBENYA & Igboro, Sunday Bamidele & Giwa, Abdulraheem & Okufu, C. (2015). Effect of Phosphoric Acid Modification on Characteristics of Rice Husk Activated Carbon. Iranica Journal of Energy and Environment. 6. 20-25. 10.5829/idosi.ijee.2015.06.01.05.

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