

**African Rotavirus Network
Scientific Presentations 2010**

6th African Rotavirus Symposium

Johannesburg, South Africa. July 2010

(linked to the 9th International Rotavirus Symposium)

- Schoub BD. Historical Perspective of Rotavirus Infection in South Africa.
- Parashar U. Global burden of rotavirus disease.
- Mwenda J. Rotavirus surveillance in Africa.
- Antonio M. Burden of rotavirus disease in under five Gambian children.
- Steele AD. Lessons from rotavirus vaccine trials in Africa.
- Nyambane G. Safety of the oral pentavalent vaccine in Kenya including HIV positive infants.
- Ngwira B. Efficacy of rotavirus vaccine in Malawi.
- Ojwando J. Efficacy of the oral pentavalent vaccine in Kenyan children.
- Louw CE. Efficacy of the human monovalent vaccine in South Africa.
- Armah GE. Immunogenicity of RotaTeq in African infants.
- Page NA. Rotavirus surveillance before and after vaccine introduction: A case study from South Africa.
- Esona MD. Update on detection and characterization of rotavirus strains.
- Nkongolo A. Rotavirus gastroenteritis in DRC.
- Kinkela N. Genotypic characteristics of circulating strains of rotavirus at the sentinel site in Yaounde.
- Bounkougou J. Surveillance of rotavirus gastroenteritis among children under in Burkina Faso.
- Hokororo A. Rotavirus surveillance in support of the introduction of rotavirus vaccine in Tanzania: Experience from Bombo Sentinel Hospital, Tanga.
- Enweronu-Laryea CC. Prevalence of acute rotavirus gastroenteritis in Ghana.
- Kisakye A. Cost-effectiveness of introducing rotavirus vaccine in Uganda.
- Kapina M. Progress of surveillance for rotavirus disease burden to support vaccine introduction in Zambia.
- Nyangao J. Burden of Rotavirus gastroenteritis in young children and characterization of the circulating strains in Kenya

Poster presentations:

- Akran V, Ouattara, Kouassi KS, Akoua-Koffi C, Peenze I, Faye Ketté H, Dosso M, Steele AD. Relationship between electrophoretotypes and subgroups, VP7/VP4 genotypes of group A rotavirus detected from 1997 to 2002 in Abidjan children.
- Dermaux V, Moyes J, Page NA, Groome M, Seheri LM, Kahn K, Twine R, Chhagan M, Madhi S, Cohen C. Epidemiology and risk factors for rotavirus infection in children under 5 years old, 2009-2010, South Africa.
- Fodha I, Chouikha A, Knani MA, Ben Hadj Fredj M, Boujaafar N, Trabelsi A, Steele AD. Clinical and epidemiological comparison between community-acquired and hospital-acquired rotavirus infection in Tunisian children.

- Jere KC, Mlera L, O'Neill HG, Potgieter HC, Page NA, Van Dijk AA. Sequence-independent amplification and ultra-deep sequencing of emerging and prevalent African rotavirus strains.
- Jere KC, Sawyerr T, Seheri LM, Peenze I, Page NA, Geyer A, Steele AD. A first report on the circulating rotavirus strains in Sierra Leone.
- Kabue JP, Peenze I, De Beer M, Esona MD, Lunfungula C, Biamungu M, Simba TR, Muyembe Tamfum JJ, Steele AD. Molecular epidemiology of rotavirus in Kinshasa, Democratic Republic of Congo: Emergence of uncommon G8P[6] and G1P[6] with short RNA pattern.
- Kruger T, Seheri LM, Nadan S, Naidoo N, Madhi S, Moyes J, Groome M, Kahn K, Twine R, Chhagan M, Cohen C, Page NA. Molecular characterization of rotavirus strains circulating in four geographical areas/provinces in South Africa, 2008-2009.
- Maphalala GP, Seheri LM, Geyer A, Mkhonta JM, Sukati H, Mphahlele MJ, Steele AD. Characterisation of rotavirus strains circulating in children under the age of 5 years presenting with diarrhoea at Mbabane Government Referral Hospital, Swaziland in 2009.
- Netshifhefhe N, Seheri LM, Peenze I, Mphahlele MJ, Mwenda JM, Steele AD, Members of the African Rotavirus Surveillance Network (ARSN). Phylogenetic analyses of rotavirus strains bearing a P[6] genotype in Africa
- Rakgantso AM, Peenze I, Seheri LM, Geyer A, Mphahlele JM, Steele AD. Rotavirus gastroenteritis in adults – is there a need for surveillance study?
- Seheri LM, Peenze I, Boula A, Asfaw B, Mwinyi B, Machaga A, Segla T, Mulindwa A, Simwaka J, Shonai A, Ntoto NKM, Abebe A, Amina I, Diop OM, Odiit A, Kisakye A, Mpabalwani EM, Nziramasanga P, Nyangao J, Netshifhefhe L, Nemarude L, Rakgantso A, Nyaga MM, Mothokoa C, Ngoveni H, Mapuroma L, Ramudingana P, De Beer M, Geyer A, Bos P, Armah G, Page NA, Mphahlele MJ, Mwenda JM, Steele AD. The circulating rotavirus strains in Africa: The results from the 9th African Rotavirus Surveillance Network Training Workshop in 2009.
- Antonio M, Ikumapayi U, Adeyemi M, Adegbola RA, Saha D. Burden of rotavirus in under five Gambian children- Preliminary results from a case control study.
- Boula A, Kinkela N, Kobela M. Genotypic characteristics of circulating strains of rotavirus at the sentinel site in Yaoundé.
- Bwogi J, Namuwulya P, Nansera D, Kisakye A, Bakamutumaho B, Kabilisa T, Praise T, Birungi M, Lwanga, Nabushawo S, Wobudeya E. The prevalence and strains of rotavirus causing diarrhea in children under five admitted at Mbarara Regional Referral Hospital Uganda.
- Chibumbya JS, Mpabalwani EM, Monze M, Matapo B, Mutambo H, Mwenda JM. Rotavirus genotypes circulating in Lusaka, Zambia: 2007-2009.
- Kiula N, Netshikweta R, Page N, van Zyl W, Kiraithe MM, Nyachieo A, Mwenda JM, Taylor M. Detection of rotavirus in the surface water in Kenya: A pilot study
- Mandomando I, Nhampossa T, Acacio S, Vubil D, Ruiz J, Alonso P. Epidemiology and burden of rotavirus diarrhea in children under five in Mozambique- Preliminary results from case control study.
- Abebe A, Mekasha A, Teka T, Asfaw B, Lemma E, Beyene B, Kassa T, Teshome B, Kegne W, Mitiku K, Bedada T, Mkanda P, Mwenda J. Hospital based rotavirus surveillance among under five-year-old children in Ethiopia.

- TemuA, Mwizamholya D, Mshana SE, Kamugisha E. Prevalence of group A rotavirus infection among children with acute diarrhea attending Bugando Medical Centre and Nyamagana District Hospital Mwanza Region.
- Page A, Hustache S, Djibo A, Diadidi A, Manzo ML, Mamaty A, Jusot V, Adehossi E, Luquero F, Langendorf C, Toure B, Grais RF. Diarrhea in children under 5 in Niger: Health care seeking behavior and burden of rotavirus.
- Baligh LA, Ben Hadj Fredj M, Chouikha A, Fodha I, Trabelsi A. Characterization of different electrophoretic patterns circulating in Tunisia between 2008 and 2009.
- Chouikha A, Fodha I, Ben Hadj Fredj M, Foued S, Teleb N, Trabelsi A. Detection and molecular characterization of human G12P[4] genotype in Tunisia.