

**African Rotavirus Network
Scientific Presentations 2008**

5th African Rotavirus Symposium

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(linked to the 28th African Health Sciences Conference and the 7th Conference of the Society for Free Radical Research Africa, 14 – 17 July 2008, University of Mauritius)

- Widdowson MA. Global surveillance for rotavirus disease.
- Mwenda JM. African Rotavirus Surveillance Network (AFR RSN).
- Teleb N. Eastern Mediterranean Regional Rotavirus Surveillance Network (EMRSN).
- Kotloff K. Diarrhoeal diseases in Africa – the GEMS study.
- Cunliffe NA. Epidemiology of rotavirus infections in Malawi.
- Aminu M. Rotavirus epidemiology and disease in Nigeria.
- Seheri LM, Nermarude AL, Jere KC, Geyer A, Deward JB, Bos P, Tumbo JM, Sommerfelt H, Mphahlele J, Steele AD. Hospital-based burden of rotavirus disease in South Africa 2003-2007
- Armah GE, Damanka S, Lartey B, Attah-Poku M, Quaye NL, Sobe Y, Steele AD, Binka F. Epidemiology of rotavirus infection in Ghana.
- Muhsen K, Shulman L, Rubinstein U, Kasem E, Kremer A, Goren S, Zilberstein I, Ephros M, Cohen D. Preliminary data from a hospital-based surveillance network of rotavirus-associated gastroenteritis in Israel.
- Kituyi A. Rotavirus surveillance in Kenya.
- Ndiaye K, Cissé MF, Bâ M, Diop O. Epidemiological and virological surveillance of rotavirus infections in Senegal.
- Odiit A, Kisakye A, Braka F, Mulindwa A, Nalumansi E, Chaplain D, Rubambarama J, Makumbi I. Rotavirus surveillance among under-five children in Uganda.
- Monze M. Rotavirus surveillance in Zambia.
- Enweronu-Laryea CC, Mingle NAA, Sagoe K, Asmah H, Armah GE, Damanka S. Hospital-based rotavirus infection surveillance in MOH sites in southern Ghana.
- Musa N. Multi-site rotavirus surveillance in Sudan
- AbouBaker S. Rotavirus burden of disease in Egypt.
- Youbi M. Surveillance for rotavirus in Morocco.
- Smeo N. Rotavirus surveillance in Libya.
- Trabelsi A. Hospital-based surveillance in Tunisia.
- Page NA. Genotyping of rotavirus strains in Africa.
- Klena JD, Ahmed SF, el Mohamady H, Teleb N. Genotyping of rotavirus in the eastern Mediterranean region of WHO.
- Ahmed SF, el Mohamady H, Klena JD. Emergence of rotavirus VP6 variants that are not detected by commercial EIA.
- Potgieter N. Rotavirus strains circulating in rural communities in the Limpopo Province, South Africa between 1998 and 2007.
- Page NA. Strain diversity, immunity and cross protection.
- Geyer A. Costs of rotavirus hospitalization in South Africa.

- Aikins M, Armah G, Akazili J, Hodgson A. Hospital health care cost of diarrhoeal disease in Ghana.
- Tate J, Obonyo B, O'Reilly C, Burton D, Tornheim J, Adazu K, Ochieng B, Kerin T, Rheingans R, Laserson K, Breiman R, Mintz E, Feikin D, Widdowson MA. Disease and economic burden of rotavirus diarrhea in Western Kenya.
- Atherly D. Rotavirus vaccines in Africa: Cost effectiveness, impact and financing.
- Kamugisha C. Rotavirus surveillance in Tanzania.
- Mujally A. Rotavirus surveillance in Yemen.
- Steele AD. Challenges to rotavirus vaccine implementation in Africa.
- Lawrence J, Ciarlet M. The pentavalent rotavirus vaccine, Rotateq™: Beyond the primary phase III efficacy & safety results.
- Brecx A. Update on human monovalent vaccine.
- Kirsten M, Madhi S, Lerumo T, Louw C, Bos P, Delem A, Damaso S, Han HH, Steele AD, Neuzil K. Efficacy of human rotavirus vaccine RIX4414(Rotarix™) in South African infants during the first year of life – an interim report.
- Mumba M. AFRO's experience in introducing new vaccines: Lessons for rotavirus vaccine introduction in AFR countries.
- Biellik R. Experience with rotavirus vaccine introduction – implications for Africa

Poster presentations:

- Seheri LM, Nemarude L, Jere K, Geyer A, Bos P, Dewar JB, Mphahlele MJ, Steele AD. Diversity of circulating rotavirus strains detected at Dr. George Mukhari Hospital, South Africa during the conduct of rotavirus vaccine trials (2003-2007).
- Jere K, Sawyer T, Seheri LM, Page NA, Steele AD. A first report on the circulating rotavirus strains in Sierra Leone.
- Jere K and Geyer A. Characterization of rotavirus-positive specimens from neonates with diarrhoea at Dr. George Mukhari Hospital from 1999-2001.
- Lebani NN, Geyer A, Steele AD, Gashe BA, Sebunya TK. Molecular epidemiology of group A and the emergence of group C rotavirus infections in South Eastern Botswana.
- Dennis F, Armah G, Adjimani J. Genetic profiles of the NSP4 gene of rotavirus G2 strains associated with mild and severe diarrhoea in Ghanaian children.
- Chouikha A, Fodha I, Bel Hadj Fredj M, Messadi F, Mastouri M, Sfar T, Boujaafar N, Trabelsi A, Steele AD. Rotavirus infections in Tunisian hospitalized infants: Association between age, genotype and disease severity.
- Chouikha A, Fodha I, Bouslama, Bel Hadj Fredj M, Messadi F, Mastouri M, Sfar T, Boujaafar N, Trabelsi A, Steele AD. Molecular epidemiology of human rotavirus G9 strain isolated in Tunisia between 2004 and 2005.
- Aminu M, Esona MD, Steele AD. Rotavirus human astrovirus and enteric adenovirus infections in Nigerian children with gastroenteritis.
- Aminu M, Ameh AE, Geyer A, Esona MD, Steele AD. Viral isolates from stools of Nigerian infants with intussusception.
- Ali YH, Khalafalla AI, Intisar KS, El Galy AA, Taha KM, Roth BN, Reetz J, Peenze I, Steele AD. Epidemiology of gastroenteritis in children in Sudan with emphasis on rotavirus infection.

- Akoua-Koffi C, Akran V, Adonis-Koffy L, Dieth G, Armah G, Timité M, Dosso M. Implementation of a hospital-based surveillance of rotavirus gastroenteritis in children in Abidjan: Preliminary results of feasibility.
- Ahmed SF, El Mohammady H, El Shafie SS, Ahmed F, Klena JD. Genotyping of rotavirus from children with diarrhea in Doha, Qatar.
- Ahmed SF, El Mohammady H, Al Busaidy S, Said M, Klena JD. Genotyping of rotavirus from children with diarrhea in Muscat, Oman.
- Adongo PB, Armah GE, Hodgson AV, Gyapong J, Binka FN. Utilization of health care services for gastroenteritis in children in Northern Ghana.
- Ngoveni HG, Peenze I, Potgieter N, Steele AD. Molecular characterization of donkey rotaviruses.
- Kuilia NM, Kamwenwa R, Irimu G, Nyangao JO, Gatheru Z, Nyachio N, Steele AD, Mwenda JM. The epidemiology of human rotavirus associated with diarrhoea in Kenya.
- Omballa V, Ochieng B, Kerin T, O'Reilly C, Tate J, Feikin D, Breiman R, Vinje J, Gentsch J, Mintz E, Njenga K, Widdowson M-A. Subtyping of rotavirus among children in rural Western Kenya.
- Kuilia NM, Mwenda JM, Netshikweta R, Van Zyl W, Kiraitha MM, Steele AD, Taylor MB. Detection of rotavirus in surface water in Kenya: A pilot study.
- Nemarude AL, Seheri LM, Potgieter N, Page N, Olorunju S, Steele AD. Molecular and clinical investigation of children with rotavirus and astrovirus diarrhea at Dr. George Mukhari Hospital, Pretoria, South Africa.
- Nokes J, Abwao J, Netshifhefhe L, Peenze I, Page N, Steele AD. Genetic diversity of rotaviruses from the Kilifi District community in Kenya.
- Ramudingana P, De Beer M, Potgieter N, Page N, Seheri LM, Steele AD. Detection of rotaviruses and caliciviruses in children less 5 years treated at private practices in the Tshwane region.
- Seheri LM, Sommerfelt H, Molebatsi T, Van Der Merwe L, Tumbo JM, Bos P, Dewar JB, Steele AD. Community health utilization survey of diarrhoeal diseases in Madibeng District, South Africa.
- Peenze I, Mothokoa C, Taylor M, Mphahlele J, Steele AD. Emergence and characterization of serotype G10 strains from South Africa.
- Kruger T, Page NA. Molecular characterization of rotavirus strains circulating in the Western Cape, 2007.
- Lebani NN, Geyer A, Steele AD, Gashe BA, Sebunya TK. Molecular epidemiology of group A and the emergence of group C rotavirus infections in South Eastern Botswana.
- Page NA, De Beer MC, Seheri LM, Kruger T, Steele AD. Emergence of genotype G12 strains in South Africa from 2004.
- Page NA, De Beer MC, Peenze I, Steele AD. Evaluation of immunochromatographic test strips for the detection of rotavirus antigens in diarrhoeal stool specimens from Africa.
- Peenze I, Seheri LM, Geyer A, Page NA, De Beer M, Bos P, Mphahlele MJ, Steele AD. Rotavirus strains surveillance from 7 African Rotavirus Network Training Workshops in South Africa – Delegates from 17 African Countries (1998-2007).
- Esona MD, Kerin T, Peenze I, Geyer A, Page N, Nyangao J, Mwenda J, Agbaya V, Trabelsi A, Tsion B, Aminu M, Sebunya T, Dewar J, Armah G, Steele AD, Glass R, Gentsch L. Genotyping of rotavirus strains in Africa.

- Berejena C, Shonhai A, Nziramasanga P, Pazvakavambwa I, Munyoro M, Mhlanga G, Mangwanya D, Kamupota M. Rotavirus surveillance in Zimbabwe.
- Nyangao J, Kamenwa R, Irimu G, Kituyi A, Mwinyi B, Mbatha D, Amina I, Kamau T, Sang R, Okoth F, Chesang K, Duale M. Burden of rotavirus gastroenteritis in young children and characterization of the circulating strains in Kenya.