



REPORT
ON THE
12TH AFRICAN
ROTAVIRUS
SYMPOSIUM 2019

EMPERORS PALACE
JOHANNESBURG

30, 31 JULY &
1 AUGUST

A DECADE OF ROTAVIRUS VACCINATION IN AFRICA
SAVING LIVES AND CHANGING THE FACE OF DIARRHOEAL DISEASE

ORGANISERS AND SPONSORS:



World Health
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GATES foundation



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PREAMBLE

The 12th African Rotavirus Symposium (ARS) was held at the Emperors Palace Convention Centre (<https://www.emperorspalace.com/conferences-and-events/conference-overview>) in Johannesburg, South Africa, from 30th July 2019 to the 1st August 2019. It was hosted by the South African Medical Research Council (SAMRC) (www.mrc.ac.za). The symposium coincided with the 20th anniversary of the African Rotavirus Network (AfrRN) and the 50th anniversary of the SAMRC.

This biennial event - organised under the auspices of the AfrRN - has over the years grown from a half-day symposium to now a 3-day global event as it continues to shape the agenda of rotavirus research and prevention globally, attracting key international opinion leaders in diarrheal diseases. The AfrRN is a regional network of institutions conducting research on paediatric diarrhoeal diseases in collaboration with the World Health Organisation African Regional Office (WHO AFRO), Ministries of Health and other partners.

The AfrRN began in 1998 in response to the need to address diarrhoeal disease, which was a continental disease that was under-researched in Africa. In particular, there was a crucial need to determine rotavirus burden of disease, the diversity of circulating strains, and increase awareness around rotavirus disease in Africa. The first ARS was held in South Africa in 2000 and since then several more symposia were held in several African countries. The previous two meetings were held in Lilongwe, Malawi in 2017 and in Bamako, Mali in 2015.

The ARS series is aimed at bringing African rotavirus researchers, policy-makers, clinicians, public health practitioners and health officials together to share ideas, expertise and learning across organizations and countries in the areas of rotavirus vaccine introduction, vaccine impact and diarrhoeal disease prevention and control in Africa. The AfrRN also established the African Rotavirus Surveillance Network (AfrRSN) in 1999 to conduct research to facilitate evidence-based decision making on the introduction of rotavirus vaccines in the African region and to create a platform to study the impact of the rotavirus vaccine on diarrhoea post-introduction. The AfrRSN is a regional network of institutions and Ministries of Health conducting core surveillance on diarrhoeal diseases in children, which depends entirely on effective National Surveillance Programmes. The WHO AFRO (Congo, Brazzaville) currently coordinates the AfrRSN.

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**30, 31 JULY &
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SYMPOSIUM THEME

The theme of the 12th ARS was:

“A decade of rotavirus vaccination in Africa – Saving lives and changing the face of diarrhoeal disease”

OBJECTIVES

The key objectives of the 12th ARS were:

- Review and share global epidemiological trends on rotavirus diarrhoea.
- Share progress and experiences on rotavirus vaccine introduction, impact and safety monitoring in African countries.
- Enable networking for research, academia and career growth among rotavirus researchers and program implementers.
- Review and shape agenda for research/surveillance on other diarrhoeal pathogens.

SYMPOSIUM SPONSORS

The symposium was sponsored by the following organisations:

- World Health Organisation (WHO)
- Bill & Melinda Gates foundation (BMGF), USA
- South African Medical Research Council (SAMRC), South Africa
- PATH, USA
- Centers for Diseases Control and Prevention (CDC), USA
- GlaxoSmithKline (GSK), Belgium
- Bharat Biotech International (BBI) Ltd, India
- Serum Institute of India (SII)

INTERNATIONAL SCIENTIFIC ADVISORY COMMITTEE

The members of the symposium International Scientific Advisory Committee (ISAC) are shown in Table 1.

Table 1: Members of the 12th ARS International Scientific Committee

Name	Organisation	Country
Dr Duncan Steele (Chair)	BMGF	USA
Prof Jeffrey Mphahlele	SAMRC	South Africa
Dr Jason Mwenda	WHO AFRO	Congo
Dr George Armah	Noguchi Memorial Institute for Medical Research (University of Ghana)	Ghana
Dr Clint Pecenka	PATH	USA
Dr Khuzwayo Jere	Malawi-Liverpool-Wellcome Clinical Research Programme, University of Malawi	Malawi
Dr Jacqueline Tate	US Centers for Disease Control and Prevention (CDC), Atlanta	USA
Prof Fredrick Were	University of Nairobi	Kenya
Prof Amorissani Folquet	University Center of Cocody and President of the Association of African Pediatric Societies	Côte d'Ivoire
Dr Carl Kirkwood	BMGF	USA
Dr Umesh Parashar	CDC Atlanta	USA
Dr Debbie Atherly	PATH	USA

LOCAL ORGANISING COMMITTEE

The members of the symposium Local Organising Committee (LoC) are shown in Table 2.

Table 2: Members of the 12th ARS Local Organising Committee

Name	Organisation	Country
Prof Jeffrey Mphahlele (Symposium Chair)	SAMRC	South Africa
Prof Mapaseka Seheri	Sefako Makgatho Health Sciences University	South Africa
Prof Nicola Page	National Institute for Communicable Diseases, a Division of the National Health Laboratory Services	South Africa
Dr Pieter Bos	Formerly from Sefako Makgatho Health Sciences University	South Africa
Dr Jason Mwenda	WHO AFRO	Congo
Dr George Armah	Noguchi Memorial Institute for Medical Research (University of Ghana)	Ghana
Dr Khuzwayo Jere	Malawi-Liverpool-Wellcome Clinical Research Programme, University of Malawi	Malawi
Dr Michelle Groome	University of the Witwatersrand	South Africa
Dr Martin Nyaga	University of the Free State	South Africa

SECRETARIAT

The members of the symposium Secretariat are shown in Table 3.

Table 3: Members of the 12th ARS Secretariat

Name	Organisation	Country
Dr Niresh Bhagwandin	SAMRC	South Africa
Ms Arlene Smith	SAMRC	South Africa
Ms Mandy Salomo	SAMRC	South Africa
Ms Kefiloe Masemola	SAMRC	South Africa

SYMPOSIUM DELEGATES

Three-hundred and twenty-seven (327) delegates registered to participate in the symposium. Of these, 277 attended. Delays in obtaining visas and/or late visa applications were/was the primary reason for the no show.

Annexure A contains the list of the delegates by name, organization, email address, country, delegate and sponsorship.

A list of delegates from 40 countries (excluding 7 delegates whose name of country was not captured) participated in the symposium. The delegates by country is shown in Figure 1:

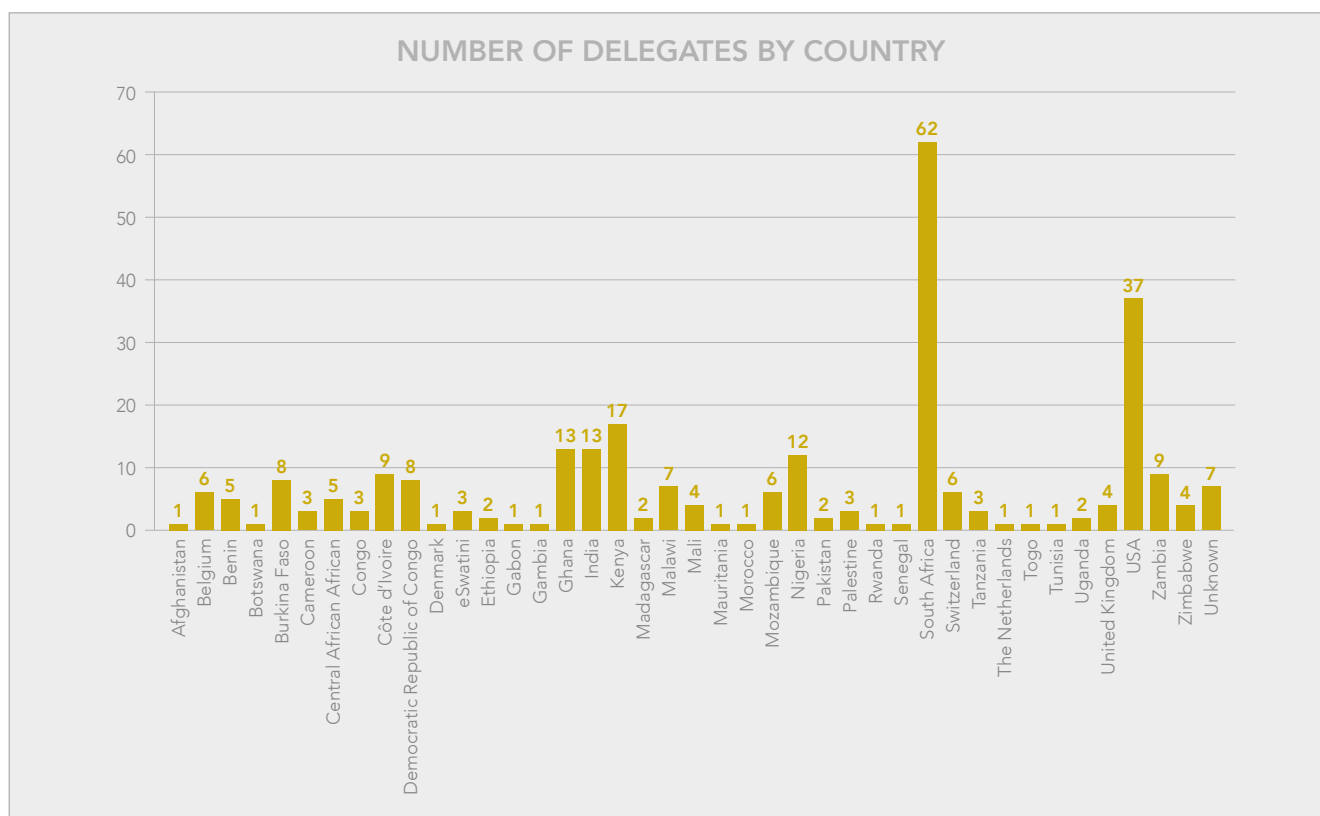


Figure 1: Number of delegates by country

The list of delegates by institution is shown in Annexure B.

SYMPOSIUM DELEGATE SPONSORSHIP

Sponsorship was made available to delegates, mainly those from African countries. The sponsorship included symposium attendance, return economy class flights, single occupancy accommodation and meals for the duration of the conference.

In total, 119 delegates were funded from sponsorship monies as indicated in Annexure A.

REGISTRATION AND ABSTRACTS

The call for registration opened on 26 February 2019 and closed on 13 May 2019. However, several late registrations were accepted.

Abstracts were invited in the subject areas shown below. In order to get a good balance of presentations for each subject area, delegates were requested to select up to 3 subject areas (sub-themes) that best categorized their research.

One-hundred and seventy-three (173) abstracts were received as follows:

- Epidemiology and disease burden (100)
- Molecular epidemiology of rotavirus strains (66)
- Implementation of vaccines in Africa (75)
- Vaccine development and safety (35)
- Vaccine policy in Africa (25)
- Health economics of rotavirus (14)
- Advances in rotavirus research (46)
- Understanding diarrheal pathogens in Africa (51)
- Virology/strain diversity (65)
- New rotavirus vaccines and approaches to vaccination (34)
- The abstracts were collected and divided among the ISAC members, who reviewed it, scored it (score sheet attached – Annexure C) and recommended an oral or poster presentation.

SCIENTIFIC PROGRAMME SESSIONS AND PRESENTATIONS

Oral scientific presentations were made in the sessions listed below:

- Rotavirus burden of disease and epidemiology in Africa
- Understanding diarrhoeal disease and enteric pathogens in Africa
- Molecular epidemiology and rotavirus strain diversity in Africa
- Rotavirus vaccine implementation in Africa
- Rotavirus vaccine development updates
- Scientific advances in rotavirus research in Africa
- The economic and public health impact of rotavirus vaccines in Africa
- Vaccine policy and decision-making in Africa

There were 39 oral scientific presentations and 139 poster presentations.

SYMPOSIUM SPECIAL SESSION

A special session was included in the symposium programme to celebrate the Rotavirus Network 20th anniversary and the 50th anniversary of the SAMRC. The theme of the session was:

“A decade of rotavirus vaccination in Africa”

The panelists in this session were Dr Joe Phaahla (Deputy Minister of Health, SA), Glenda Gray (SAMRC), Duncan Steele (BMGF), Jason Mwenda (WHO AFRO), Veronica Denti (GAVI), George Armah (AfrRN) and Yin Yin Aung (UNICEF). The panel was moderated by Dr Michael Mol.

The overall objectives of the panel discussion were:

- i. To build on the previous successes of accelerating rotavirus vaccine introduction in the remaining Africa countries and beyond
- ii. To highlight major achievements of the African Rotavirus Network in the last 20 years
- iii. To strengthen collaboration in the field of vaccination and exchange best immunisation practices amongst key stakeholders
- iv. To support key advocacy strategies of improving childhood vaccination coverage in Africa.

POST EVENT METRICS FROM APP

The app vendor provided the following snapshot of the “big numbers” from the app as at 13 Aug 2019:

- **Users** – Total number of unique uses across devices - 181
- **All Engagement** – Total number of actions across all users taken with the app (i.e. sessions, speakers, exhibitors... etc.) – 6.41k
- **User Contributors** – Total number of attendee messages and social shares – 1.16k
- **Minutes Open** – Total time spent in minutes, users used the app – 5.83k
- **Navigation Icon Taps** – Total number of taps for all navigation icons – 3.76k

Based on the app metrics section of the Event Center, the vendor was very pleased to see “how the app did onsite” and indicated that the above “numbers are a testament to the event’s organisers marketing tactics and fantastic efforts promoting downloads before and during the event”.

SYMPOSIUM EVALUATION RESULTS

The feedback from delegates via the app is shown below. There were 45 valid responses.

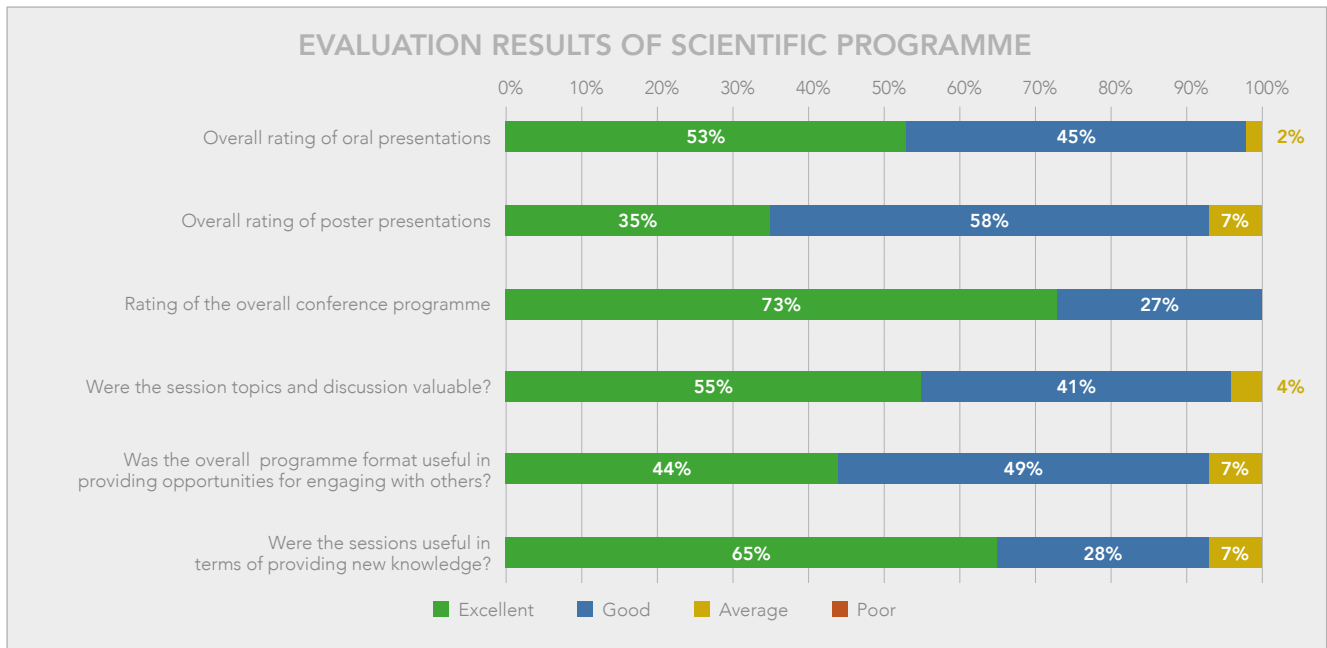


Figure 2: Evaluation of the scientific programme

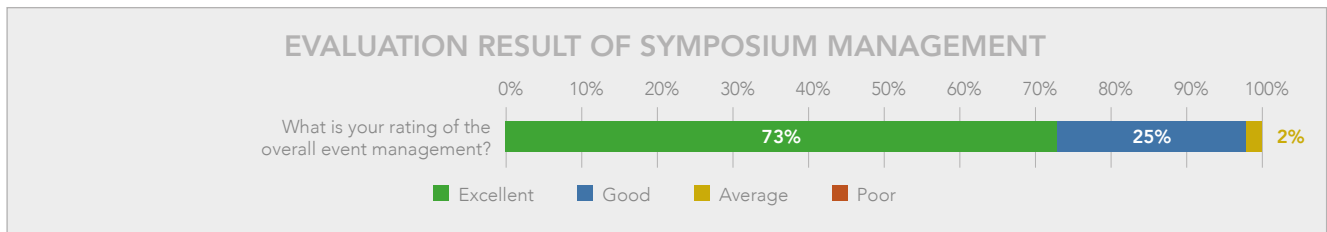


Figure 3: Evaluation of the symposium management

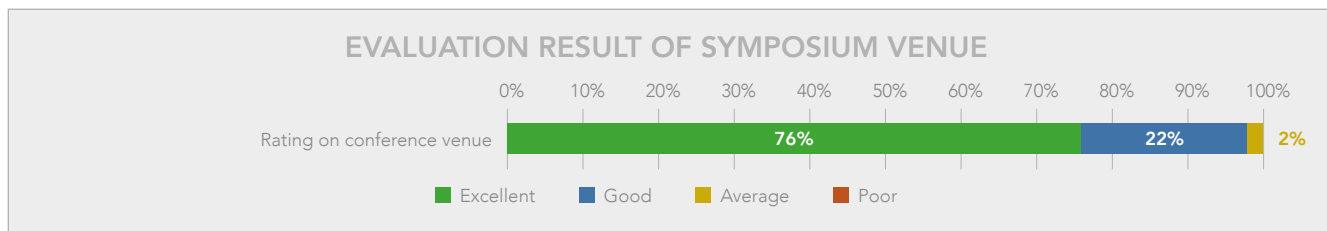


Figure 4: Evaluation of the symposium venue

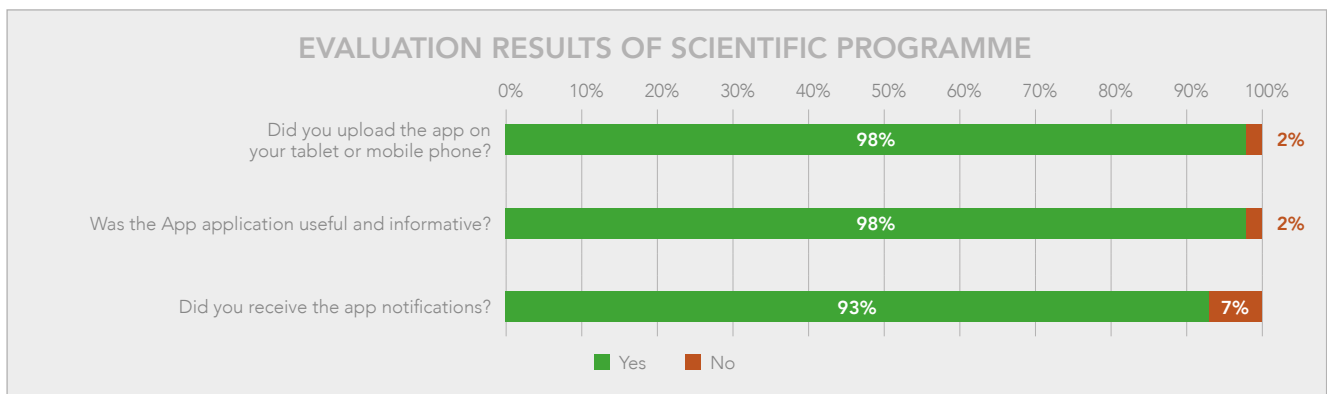


Figure 5: Evaluation of the symposium app

The challenges experienced by delegates are shown in Table 4.

Table 4: Challenges experienced by delegates

Challenges experienced	# of occurrences
No (includes None, N/A, Anything, None at all, Nothing particularly)	25
Language (includes Translator)	2
The hotel kept us for more than 3 hours before check in.	1
Positioning of screens for prenters & place lab top by the podium (sic)	1
Reimbursement should be in US dollars to avoid loss of value for money used by delegates	1
Hard to find where lunch and dinner were - more info/map would have been good	1

The improvements suggested by delegates for future events are shown in Table 5.

Table 5: Improvements suggested for future events

Improvements suggested for future events	# of occurrences
None (includes 'No need to improve just keep it up', 'Keep it up', 'All was well', 'Keep it up', 'Everything was on top', 'Done'))	8
Translation	4
Prof Jeff and team are wonderful. I ask them to be ready to mentor next host so that at worst to be like the SA symposium	1
Poster presentation can be programmed like daily	1
Pharmaceutical companies should be challenged to invest in African reasearch and to support Africa to develop and produce local products	1
Less food	1
Conserve this highest level if préparation ans management, put all of communications on the plateforme (sic)	1
Start planing early at least 1.5 years in advance	1
Pharmaceuticals and industry players for vaccines being introduced should not fund the Symposium to avoid Bias and influencing output	1
If funds are available, conference bags, carpet on stage	1
An additional session on basic science would be nice	1
Perhaps have some form of mentorship programme for young scientists	1





ANNEXURE A: 12th ARS LIST OF DELEGATES

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
1	Dr	Mohammed	Abdulkadir	University of Ilorin Teaching Hospital	Nigeria	docmohng@gmail.com		Yes	Poster
2	Dr	Khamis Ali	Abeid	Ministry of Health, Zanzibar	Tanzania	khaabeid@yahoo.com	BBI	Yes	
3	Dr	Adicatu-Lai Adéola Adoukè	Adeothy	Ravin/ JSI	Benin	adouke25@gmail.com		Yes	
4	Mr	Jijoho Mischael Michel E.	Agbla	National Laboratory of Public Health, Benin	Benin	mickamail21@yahoo.fr	WHO	Yes	Poster
5	Dr	Chantal	Agebmabiese	Noguchi Memorial Institute for Medical Research, University of Ghana	Ghana	chagbem@gmail.com		Yes	Oral
6	Dr	Charles	Agoti	KEMRI	Kenya	cnyaigoti@kemri-wellcome.org		Yes	Poster
7	Dr	Mohamed Lemine	Ahmed	Ministry of Health	Mauritania	lemine1987@hotmail.fr	BMGF	Yes	Poster
8	Dr	Mlan	Alice Patricia	Laboratory	Côte d'Ivoire	alicebritoh@yahoo.fr		Yes	Poster
9	Dr	Majdouline	Ameslek	University Mohammed V	Morocco	mejdoulin12@gmail.com	SII	Yes	
10	Prof	Amah Madeleine	Amorissani Folquet	University Center of Cocody and President of the Association of African Pediatric Societies	Côte d'Ivoire		SII/BMGF	Yes	
11	Dr	Alberta Amu	Amu	Dodowa Health Research Centre	Ghana	alberta.amu@gmail.com	PATH	Yes	
12	Dr	John	Anderson	Research Consultant	USA	jdandersoniv@gmail.com		Yes	Oral
13	Mr	Neel	Andhee-Shah	Research Consultant	South Africa	NAndhee-Shah@aspenphar-ma.com		Yes	
14	Mr	Tonda Lohandjola	Andre	John Snow, Inc	Democratic Republic of the Congo	andre_tonda@cd.jsi.com		Yes	Poster
15	Dr	Boula	Angeline Yvette Crscence	World Health Organization	Cameroon	boulaayc@yahoo.fr	BMGF	Yes	Poster

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
16	Dr	Peace Nonyelum	Aniedu	Dept of Paediatrics, Chukwuemake Odumegwu Ojukwu University Teaching Hospital (COOUTH) P.M.B 5022	Nigeria	ppandmercy@gmail.com	BBI	No	
17	Dr	Capo Chichi Amoisso	Annick Elonore	Suru Lere Hospital	Benin	marwar68@yahoo.fr	WHO	Yes	Poster
18	Dr	Palwasha	Anwari	Self employee	Afghanistan	anwari222@gmail.com	PATH	Yes	Oral
19	Mr	Bernard	Arhin	Komfo Anokye Teaching Hospital (KATH)	Ghana	barhinn@gmail.com		Yes	
20	Prof	George	Armah	Noguchi Memorial Institute for Medical Research, University of Ghana	Ghana	GArmah@noguchi.ug.edu.gh	PATH	Yes	
21	Dr	Ernest	Asare	Yale School of Public Health	United States Minor Outlying Islands	ernest.asare@yale.edu		No	Poster
22	Dr	Deborah	Atherly	PATH	USA	datherly@path.org		Yes	
23	Dr	Anthony Oyowikigho	Atimati	University of Benin Teaching Hospital	Nigeria	tonyatimati@yahoo.com	BBI	Yes	
24	Dr	Isiaka	Ayodeji					Yes	
25		Hiba	Azrag	Federal Ministry of Health		hibaaazrag@gmail.com	PATH/BMGF	Yes	
26	Mrs	Constance	Azubeike	University of Nigeria Teaching Hospital	Nigeria	azubeikeconstance@gmail.com	SII	No	Poster
27	Dr	Julia	Baker	Emory University	USA	julia.baker@emory.edu		Yes	Poster
28	Dr	Bakunawa Garba Bello	Bakunawa	National Primary Health Care Development Agency	Nigeria	garba.bakunawa@nphcda.gov.ng	PATH	No	
29	Ms	Assanatou	Bamogo	Johns Hopkins University Bloomberg School of Public Health	USA	abamogo1@jhu.edu		Yes	Poster
30	Mrs	Virginie	Banga Mingo	Institut Pasteur de Bangui	Central African Republic	virginie.bangue@yahoo.fr		Yes	Poster
31	Dr	Sourou Honoré	Bankole					Yes	
32	Dr	Amadou	Barry	GSK	Nigeria	amadou.x.barry@gsk.com		No	
33	Mrs	Chioma	Benjaminpuja	University of Nigeria Teaching Hospital	Nigeria	chiomapuja@yahoo.com	BBI	No	Poster

ANNEXURE A: 12th ARS LIST OF DELEGATES (CONTINUED)

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
34	Dr	Bernd	Benninghoff	GSK Pharmaceuticals	Belgium	BERND.X.BENNINGHOFF@GSK.COM		Yes	
35	Dr	Niresh	Bhagwandin	SAMRC	South Africa	niresh.bhagwandin@mrc.ac.za	BMGF	Yes	
36	Dr	Niranjan	Bhat	PATH	USA	nbhat@path.org		Yes	
37	Dr	Joseph	Biey	World Health Organization	Burkina Faso			Yes	
38	Mr	Simone Salvador	Boene	National Institute of Health	Mozambique	simonboene@gmail.com	BBJ/BM/GF	Yes	Oral
39	Prof	Catherine	Boni	University Felix Houphouet Boigny Abidjan	Côte d'Ivoire	bonicatc@yahoo.fr	GSK	Yes	Poster
40	Mr	Nagaraju	Boniga	Bharat Biotech International Ltd	India	nagaraju3632@bharatbio-tech.com		Yes	
41	Dr	Isidore	Bonkougou	University Ouaga1Pr Joseph KI ZEBO	Burkina Faso	ouindgueta@gmail.com	GSK	Yes	Poster
42	Ms	Siobhan	Botwright	World Health Organization	Switzerland	botwrights@who.int		Yes	
43	Dr	Michael Dominic	Bowen	Centers for Disease Control and Prevention	USA	mkb6@cdc.gov		Yes	
44	Dr	Welekazi	Boyce	GSK	South Africa	welekazi.x.boyce@gsk.com		Yes	
45	Dr	Rachel Maria	Burke	Centers for Disease Control and Prevention	USA			Yes	
46	Ms	Eleanor	Burnett	Centers for Disease Control and Prevention	USA	wwg7@cdc.gov		Yes	Poster
47	Dr	Josephine	Bwogi	Uganda Virus Research Institute	Uganda	jbwogi@uvri.go.ug	BMGF	Yes	Poster
48	Mr	Frederick Joel	Cassels	PATH	USA	fcassels@path.org		Yes	
49	Mr	Brian	Castro	John Snow, Inc	USA	brian_castro@jsi.com		Yes	
50	Mr	Tyler	Chavers	Centers for Disease Control and Prevention	USA	mkv9@cdc.gov		Yes	
51	Dr	Richard	Chawana	Biovac	South Africa	chawana.richard@gmail.com		Yes	
52	Mr	Gideon Kipkorir	Chelule	UNICEF Supply Division	Denmark	gchelule@unicef.org		Yes	
53	Dr	Thomas	Cherian	World Health Organization	Switzerland	tcherian54@gmail.com		Yes	
54	Ms	Jorfelia	Chilaula	Instituto Nacional de Saude (INS), Mozambique	Mozambique	jorfeliachilaula@gmail.com	BMGF	Yes	Poster
55	Dr	Roma	Chilengi	Centre for Infectious Disease Research in Zambia	Zambia	roma.chilengi@cidrz.org	PATH	Yes	Poster

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
56	Dr	Masuzyo	Chirwa	Centre for Infectious Disease Research in Zambia	Zambia	suzyo.chirwa@gmail.com	PATH	Yes	
57	Dr	Caroline Cleopatra	Chisenga	Centre for Infectious Disease Research in Zambia	Zambia	caroline.chisenga@cidrz.org	GSK	Yes	Poster
58	Mr	Assucenio	Chissaque	National Institute of Health, Mozambique	Mozambique	assucenyoo@gmail.com	SII/BMGF	Yes	Poster
59	Dr	Gody Jean	Chrysostome		Central African Republic			Yes	
60	Dr	Chinedu	Chukwubike	WHO supported Rotavirus Sentinel Site Enugu Nigeria	Nigeria	chinedumbc@yahoo.com	WHO	Yes	Poster
61	Dr	Andrew	Clark	LSHTM	United Kingdom	andrew.clark@lshtm.ac.uk		Yes	Oral
62	Ms	Allison	Clifford	PATH	USA	aclifford@path.org		Yes	
63	Dr	Adam	Cohen	World Health Organization	Switzerland			Yes	Oral
64	Dr	Margaret	Cortese	Centers for Disease Control and Prevention	USA	mcortese@cdc.gov		Yes	Poster
65	Dr	Ma Ouattara	Coulibaly					Yes	
66	Dr	Omar	Coulibaly	Ministry of Health	Mali			Yes	
67	Dr	Stanley	Cryz	PATH	USA	scryz@path.org		Yes	
68	Prof	Nigel	Cunliffe	University of Liverpool	United Kingdom	nigelc@liverpool.ac.uk		Yes	
69	Mr	John Frederick	Dadzie	Ghana Health Service	Ghana	jfdadzie@yahoo.co.uk		Yes	
70	Dr	Susan Afua	Damanka	Noguchi Memorial Institute for Medical Research, University of Ghana	Ghana	sdamanka@noguchi.ug.edu.gh	SII	Yes	Poster
71	Dr	Alhousseini	Daouda	Hopital National Niamey Niger	Niamey	amd145@yahoo.fr		No	
72	Dr	Ujjwal	De	ICAR-IVRI	India	ujjwalde@gmail.com		No	
73		Nilsa	De Deus	Instituto Nacional de Saúde (INS), Mozambique	Mozambique	ndeus1@yahoo.com		Yes	
74	Mr	Frederic	Debellut	PATH	Switzerland	fdebellut@path.org		Yes	Oral
75	Mr	Amadu	Dele	WHO	Nigeria	deleamadu@gmail.com	BBI	No	Poster
76	Dr	Shola Molemodile	Dele Olowu	Clinton Health Access Initiative	Nigeria	sholamole@gmail.com		No	Poster

ANNEXURE A: 12th ARS LIST OF DELEGATES (CONTINUED)

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
77	Dr	Francis Ekow	Dennis	Noguchi Memorial Institute for Medical Research, University of Ghana	Ghana	fdennis@noguchi.ug.edu.gh	BMGF	Yes	Poster
78	Mrs	Veronica	Denti	GAVI	Switzerland	vdenti@gavi.org		Yes	Oral
79	Ms	Bethel Dagnachew	Deressa	Bharat Biotech International Ltd	India	bethel22@bharatbiotech.com		Yes	
80	Dr	Sajjad A	Desai	Serum Institute of India Private Limited	India	sajjad.desai@seruminstitute.com		Yes	
81	Dr	Amadou	Diop	Albert Royer Paediatric Hospital Laboratory	Senegal	amadoudioplaba@yahoo.fr	GSK	Yes	Poster
82	Mr	Dido	Disengomoka	Centre Hospitalier de Kingasani	Democratic Republic of the Congo	disengomoka@gmail.com	BBI	No	Poster
83	Dr	Celeste	Donato	Murdoch Children's Research Institute	Australia	celeste.donato@mcri.edu.au		No	
84	Dr	Ibrahima	Duarra	MOH	Mali			No	
85	Dr	Raches	Ella	Bharat Biotech International Ltd	USA	ellar@bharatbiotech.com		Yes	Poster
86	Miss	Ngah Carine	Enjeh	University of Yaounde 1	Cameroon	ngah28carine@gmail.com		No	Oral
87	Prof	Chika Christabel	Enweronu-Laryea	University of Ghana Medical School	Ghana	chikalaryea@yahoo.com		No	
88	Dr	Esangbedo Dorothy Omono Ederion	Esangbedo	Nigeria Immunization Technical Advisory Group (NGI-TAG)	Nigeria	ederie@hotmail.com	PATH	Yes	
89	Dr	Mathew D	Esona	Centers for Disease Control and Prevention	USA	mdl4@cdc.gov		Yes	Poster
90	Dr	Bertilla	Ezeonwu	Federal Medical Center Asaba	Nigeria	bertilla.ezeonwu@nmpcn.edu.ng		Yes	Poster
91	Dr	Lee	Fairlie	Wits Reproductive Health and HIV Institute (WITS RH)	South Africa	ffairlie@wrhi.ac.za		Yes	Oral
92	Prof	Imene	Fodha	University Hospital Sahloul	Tunisia	imenefodha@yahoo.fr	GSK	Yes	Poster
93	Dr	Bete	Franck Hilaire	MoH Benin	Benin	fbete@yahoo.fr or fbete@gouv.bj		Yes	
94	Dr	Asiedu-Bekoe	Franklin	Department of the Ghana Health Service	Ghana			Yes	

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
95	Ms	Mary	Galo	Institute of Primate Research	Kenya	ingasian@yahoo.com	BMGF	Yes	Poster
96	Dr	Sanjay	Gandhi	GSK Biologicals	India	sanjay.t.gandhi@gsk.com		Yes	
97	Dr	Birgitte	Giersing	World Health Organization	Switzerland	giersingb@who.int	BMGF	Yes	
98	Mr	Joshua	Gikonyo	The Technical University of Kenya	Kenya	jngikonyo@gmail.com	GSK	Yes	Poster
99	Dr	Fatima Giwa	Giwa	Ahmadu Bello University Teaching Hospital, Shika Zaria	Nigeria	drfatimagiwa70@gmail.com		Yes	
100	Dr	Roger	Glass	Fogarty International Center, National Institutes of Health	USA	roger.glass@nih.gov		Yes	
101	Dr	Ionela	Gouandjika Née Vasilache	Institut Pasteur de Bangui	Central African Republic	igouandjika@gmail.com	WHO	Yes	
102	Prof	Nicholas	Grassy	Imperial College London	United Kingdom	n.grassy@imperial.ac.uk		Yes	
103	Dr	Michelle	Groome	Respiratory and Meningeal Pathogens Research Unit, Wits	South Africa	groomem@rmp.ru.co.za		Yes	
104	Dr	Ngoie Mwamba	Guillaume	Expanded Program on Immunization	Democratic Republic of the Congo	guillaumengoiemwamba@gmail.com		Yes	
105	Mr	Fasil Teshager	Hailemariam	World Health Organization	Ethiopia	TESHAGERF@WHO.INT		Yes	Poster
106	Dr	Benjamin	Hallowell	Centers for Disease Control and Prevention	USA	NNV8@cdc.gov		Yes	Poster
107	Mr	Kone	Hamidou	Immunization programme	Côte d'Ivoire	drkonehamidou@gmail.com	WHO	Yes	Poster
108	Dr	Vanessa Catherine	Harris	Amsterdam Institute for Global Health and Development, University of Amsterdam	The Netherlands	v.c.harris@amc.uva.nl		Yes	
109	Prof	William	Hausdorff	PATH	USA	billhausdorff@hotmail.co.uk		Yes	Poster
110	Mr	Jayne	Herbert	North West University	South Africa	jayme.herbert@outlook.com	BMGF	Yes	Poster
111	Dr	Musa	Hindiyyeh	Caritas Baby Hospital	Palestine	hindiyyeh@yahoo.com	PATH	Yes	Poster
112	Dr	Diaa O. H.Hajjaja	Hjajja	Ministry of Health Palestine	Palestine	pmdmoh@yahoo.com	PATH	Yes	

ANNEXURE A: 12th ARS LIST OF DELEGATES (CONTINUED)

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
113	Dr	M. Jahangir	Hossain	Medical Research Council Unit The Gambia at the London School of Hygiene Tropical Medicine	Gambia	jhossain@mrc.gm	PATH	Yes	Poster
114	Mr	Marno	Huyzers	North West University Potchefstroom Biochemistry dep.	South Africa	germo.huyzers@gmail.com	BMGF	Yes	Oral
115		Zakou	Idde	Hôpital National de Niamey	Niger	zakouidde@yahoo.fr		No	
116	Mr	Samer	Jabr	Palestinian Ministry of Health	Palestine	smrjabr@yahoo.com	PATH	Yes	Poster
117	Dr	Okwo-Bele	Jean-Marie	Serum Institute of India Private Limited	India	okwobelej@gmail.com		Yes	
118	Dr	Uwimana	Jeannine	Kigali University Teaching Hospital	Rwanda	jeannineuw@gmail.com	GSK	Yes	
119	Dr	Khuzwayo	Jere	Malawi Liverpool Wellcome Trust Clinical Research Programme	Malawi	Khuzwayo.Jere@liverpool.ac.uk	BMGF	Yes	Oral
120		Baoming Jiang	Jiang	Centers for Disease Control and Prevention	USA	bxj4@cdc.gov		Yes	
121	Ms	Siobhan	Johnstone	National Institute for Communicable Diseases & University of the Witwatersrand School of Public Health	South Africa	siobhanjsa@gmail.com		Yes	
122	Prof	Elie	Kabre	Directeur Général Point focal du Laboratoire de référence Rotavirus	Burkina Faso	elie.kabre@gmail.com		Yes	
123	Dr	Mandibélé	Kam	Pédiatre, coordonnateur du site Rota de l'hôpital pédiatrique	Burkina Faso	kammadi@yahoo.fr		Yes	
124	Ms	Susan	Kamalizeni	Ministry of Health eSwatini	eSwatini	susankamalizeni@yahoo.com		No	
125	Dr	Arox	Kamng'ona	University of Malawi, College of Medicine	Malawi	awkamngona@medcol.mw	PATH	Yes	
126	Dr	Crisoin	Kazadi					Yes	

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
127		Adama Mamby	Keita	Center for Vaccine Development	Mali		PATH	Yes	
128	Mr	Sammy	Khagayi	KEMRI	Kenya	skhagayi@kemricdc.org	BBI	Yes	Oral
129	Dr	Ibrahim	Khalil	University of Washington	USA	ikhali@uw.edu	BMGF	No	
130		Evelyne Nkirote	Kimathi	Institute of Primate Research	Kenya	evelynkim19@gmail.com	BMGF	Yes	
131	Dr	Carl	Kirkwood	BMGH	USA	carl.kirkwood@gatesfoundation.org		Yes	
132	Mr	Nicholas	Kiulia	Kenya Institute of Primate Research	USA	nick.kiulia@gmail.com	SII	Yes	Poster
133	Dr	N'zue	Kofi	WHO Country office	Côte d'Ivoire	nzuek@who.int		Yes	
134	Prof	Karen	Kotloff	University of Maryland School of Medicine	USA	kkotloff@som.umaryland.edu		Yes	Oral
135	Prof	Dibi Bertin	Kouame	Minister of Health. Teaching hospital of Yopougon Abidjan . Department of pediatric surgery	Côte d'Ivoire	kouadb@yahoo.fr	WHO	Yes	Poster
136	Ms	Aybuke	Koyuncu	Centre for Infectious Disease Research in Zambia	Zambia	Aybuke.Koyuncu@cidrz.org	BBI	Yes	Oral
137	Mr	Adam	Kuca	University of Pretoria	South Africa	u14027250@tuks.co.za		Yes	
138	Mrs	Yvonne Mutombo	Kumwimba	Centre for Infectious Disease Research in Zambia	Zambia	yvonne.kumwimba@cidrz.org	BMGF	Yes	Poster
139	Ms	Sandra	Lambert	The Biovac Institute	South Africa	sandra@biovac.co.za		Yes	
140	Mr	Jeronimo	Langa	National Institute of Health Mozambique	Mozambique	langajeronimo@gmail.com		Yes	Poster
141	Ms	Belinda	Lartey	Noguchi Memorial Institute for Medical Research, University of Ghana	Ghana	blartey@noguchi.ug.edu.gh	BMGF	Yes	Poster
142	Miss	Christelle Belerheine	Laure	ISTM Kinshasa	Democratic Republic of the Congo	c.belerheine.saco@gmail.com	SII	No	Poster
143	Dr	Namadi Muhammad	Lawal	National Primary Health Care Development Agency	Nigeria	namadi.lawal@nphcda.gov.ng		Yes	
144	Mr	Pierre	Le Roux	North West University	South Africa	pierreler101@gmail.com	BMGF	Yes	

ANNEXURE A: 12th ARS LIST OF DELEGATES (CONTINUED)

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
145	Mr	Ananias	Leshabana	Sefako Makgatho Health Sciences University	South Africa	leshabana.ananias@gmail.com		Yes	Poster
146	Prof	Benjamin Alan	Lopman	Rollins School of Public Health Emory University	USA	benjamin.alan.lopman@emory.edu		No	
147	Dr	Marie Paul	Lusinga Matumona	Hopital Pediatrique de Kalembé Lembe	Democratic Republic of the Congo	mplinga@gmail.com		No	Poster
148	Miss	Jaime	MacDonald	NICD	South Africa	jaimem@nicd.ac.za		Yes	Poster
149	Ms	Shingai	Machingaidze	European Developing Countries Clinical Trials Partnership	South Africa	Machingaidze@edctp.org		Yes	Oral
150	Dr	Sani Malam	Mado	Abuth Zaria	Nigeria	sanimado@yahoo.co.uk		Yes	Poster
151	Ms	Nonkululeko	Magagula	Sefako Makgatho Health Sciences University	South Africa	Nonkululeko.magagula@smu.ac.za		Yes	
152	Dr	Cliff Abdul	Magwira	Sefako Makgatho Health Sciences University	South Africa	cmagwira@gmail.com		Yes	
153	Dr	Dina	Mahamba	University of Dodoma	Tanzania	dinamahamba@gmail.com	GSK	Yes	Poster
154	Dr	Morena	Makhoana	Biovac	South Africa	morena@biovac.co.za		Yes	
155	Miss	Chikondi	Malamba	Malawi Liverpool Wellcome Trust Clinical Research Programme	Malawi	cmalamba@mlw.mw	GSK	Yes	Oral
156	Mr	Jonathan	Mandolo	Malawi Liverpool Wellcome Trust Clinical Research Programme	Malawi	jmandolo@medcol.mw	BMGF	Yes	Poster
157	Dr	Inacio	Mandomando	Centro de Investigacao em Saude de Manhica	Mozambique	inacio.mandomando@manhica.net	SII/BMGF	No	Oral
158	Dr	Janet	Mans	University of Pretoria	South Africa	janet.mans@up.ac.za		Yes	
159	Mr	Mesfin Tefera	Manyazewal	Ethiopian Public Health Institute	Ethiopia	mesfin_07@yahoo.com		Yes	Poster
160	Mrs	Gugu	Maphalala	Ministry of Health	eSwatini	gpmaph@gmail.com	BMGF	Yes	Poster
161	Mrs	Sophia	Marais	University of the Free State	South Africa	Soveji.marais05@gmail.com	BMGF	Yes	
162	Mr	Stephane	Martin	GSK	South Africa	stephane.x.martin@gsk.com		Yes	
163	Ms	Nosipho	Mathebula	GSK	Belgium	NOSIPHO.M.MATHEBULA@GSK.COM		Yes	

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
164	Dr	Dennis	Mazingi	University of Zimbabwe	Zimbabwe	dennis.mazingi@gmail.com	GSK	Yes	Poster
165	Ms	Laetitia	Mbangu Bitolo Luzolo	GSK	Belgium	LAETTIA.X.MBANGU@GSK.COM		Yes	
166	Miss	Akachi	Mbogu	Clinton Health Access Initiative	Nigeria	ambogu@clintonhealthaccess.org		No	
167	Mr	Damien	McGuire	GSK	Belgium	DAMIEN.P.MCGUIRE@GSK.COM		Yes	Poster
168	Ms	Simbulele	Mdleleni	University of the Witwatersrand	South Africa	somdleni@gmail.com		Yes	
169	Dr	Shailesh	Mehta	GSK Vaccines, Belgium	Belgium	shailesh.i.mehta@gsk.com		Yes	
170	Mr	Chand	Mehta	Clinton Health Access Initiative	UK	cmehta@clintonhealthaccess.org		Yes	
171	Mr	Sergio	Mendes dos Ramos	University of the Free State	South Africa	sergiomendes.dosramos@gmail.com	BMGF	Yes	Poster
172	Mr	Chimwemwe	Mhango	Malawi Liverpool Wellcome Trust Clinical Research Programme	Malawi	cmhango@mlw.mw	BMGF	Yes	Poster
173	Ms	Nonhlanhla	Cynthia	Futurehands	South Africa	nonhlanhla72@gmail.com		Yes	
174	Dr	Fausta	Michael	Ministry of Health Tanzania	Tanzania	lil_fau@hotmail.com		No	Poster
175	Mr	Thabiso	Miya	University of the Witwatersrand	South Africa	488744@students.wits.ac.za		Yes	Poster
176	Mrs	Karabo	Mlambo	Department of Science and Technology	South Africa	Karabo.Mlambo@dst.gov.za		Yes	
177	Mr	Milton	Tshidiso	University of the Free State	South Africa	tmogotsi16@gmail.com	BMGF	Yes	Poster
178	Dr	Fortunate	Mokoena	Anatech	South Africa	fortunate@anatech.co.za		Yes	Poster
179	Mrs	Margaret	Mokomane	National Health Laboratory	Botswana	bafanamargaret@gmail.com		Yes	Poster
180	Dr	Sungsil	Moon	Centers for Disease Control and Prevention	USA	smoon@cdc.gov		Yes	Poster
181	Prof	Evans	Mpabalwani	University Teaching Hospitals	Zambia	evansmwila@gmail.com		Yes	Poster
182	Prof	Jeffrey	Mphahlele	SAMRC	South Africa	jeffrey.mphahlele@mrc.ac.za	BMGF	Yes	
183	Dr	Catherine	Muendo	Mbagathi County Hospital	Kenya	carthym@gmail.com	BBI	Yes	Poster
184	Ms	Makwalethe	Ethel Mufamade	Sefako Makgatho Health Sciences University	South Africa	makwalethe@gmail.com		Yes	Poster

ANNEXURE A: 12th ARS LIST OF DELEGATES (CONTINUED)

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
185	Mr	DAvid	Mugisha	Ministry of Health Uganda	Uganda	mugisha_david2@yahoo.com		Yes	Poster
186	Dr	Julius Ndirangu	Mugweru	University of Embu	Kenya	ndirangu.julius@embuni.ac.ke	SII	No	Poster
187	Dr	Muhammed Abdul-One Amina	Muhammed Abdul-One	National Primary Health Care Development Agency	Nigeria	slimlawi@yahoo.com amina.muhammed@nphcda.gov.ng	PATH	No	
188	Dr	Juliana	Muiva	Kenyatta National Hospital	Kenya	jmmgitobu@live.com		No	Poster
189	Ms	Hilda Angela	Mujuru	University of Zimbabwe	Zimbabwe	asad.ali@aku.edu	BMGF	Yes	
190	Mr	Arnold	Mukaratirwa	Ministry of Health and Child Care	Zimbabwe	amukaratirwa@yahoo.com	BMGF	Yes	
191	Dr	Olivier	Mukuku	Higher Institute of Medical Techniques of Lubumbashi	Democratic Republic of the Congo	oliviermukuku@yahoo.fr	BBI	Yes	Poster
192	Mr	Jean	Mukwela	Kingasani Hospital Center	Democratic Republic of the Congo	j.mukwela.saco@gmail.com	BBI	No	Poster
193	Mr	Sandeep Charudatta Mulay	Mulay	Serum Institute of India Private Limited	India	sandeep.mulay@seruminstitute.com		Yes	
194	Ms	Benilde	Munlela	National Health Institute	Mozambique	Benildeantnio@gmail.com	BMGF	Yes	Poster
195	Dr	Andrew Munyalo	Musyoki	South African Vaccination and Immunization Center (SAVIC)	South Africa	pamusyoki@gmail.com		Yes	
196	Mr	Jeremiah Kimathi	Mutuaruchiu	Student Technical University	Kenya	jerekimathi@gmail.com	SII/BMGF	Yes	
197	Dr	Mercy	Mvundura	PATH	USA	mmvundura@path.org		Yes	
198	Mr	Mike	Mwanga	KEMRI	Kenya	mmwanga@kemri-wellcome.org		Yes	Poster
199	Mr	Peter	Mwangi	University of the Free State Next Generation Sequencing Unit	South Africa	nthigapete@gmail.com	BBI/BMGF	Yes	Oral
200	Dr	Jason Mathiu	Mwenda	WHO Regional Office for Africa Brazzaville Republic of Congo	Congo	mwendaj@who.int		Yes	Oral
201	Dr	Sandrama	Nadan	Centre for Enteric Diseases National Institute for Communicable Diseases	South Africa	sandran@nicd.ac.za		Yes	Poster

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
202	Mrs	Kashmeera	Nair	Aspen/GSK	South Africa	knair@aspenspharma.com		Yes	
203	Mr	Clement	Narh	School of Public Health University of Health and Allied Sciences	Ghana	clementnarh@gmail.com	GSK	Yes	Poster
204	Dr	Abdulrasheed	Nasir	University of Ilorin Teaching Hospital Ilorin	Nigeria	draanasir@yahoo.com	SII	No	Poster
205	Dr	Duduzile	Ndwandwe	Cochrane South Africa, SAMRC	South Africa	duduzile.ndwandwe@mrc.ac.za		Yes	Poster
206	Mr	Humphrey Mwenda	Ndwiga	Embu Level V Hospital Kenya	Kenya	ndirangu09@gmail.com	SII	Yes	Poster
207	Dr	Valantine	Ndze	Faculty of Medicine and Biomedical Sciences University of Yaounde 1 Cameroon	Cameroon	valentinengum@yahoo.com		No	Poster
208	Dr	Mermoz Thierry	Ngbanaié Ngonzou					Yes	
209	Ms	Jedida	Ng'ethe	GSK	Kenya	jedida.m.ngethe@gsk.com		Yes	
210	Ms	Thenjiwe	Ngomane	Sefako Makgatho Health Sciences University	South Africa	thenjiwengomane@gmail.com		Yes	Poster
211	Dr	Medard	Ngoy Kiluba	Hopital Pediatrique de Kalembe Lembe	Democratic Republic of the Congo	medardngoy@yahoo.com		Yes	Poster
212	Mr	Francis	Ngoy Mpunga	Hopital Pediatrique de Kalembe Lembe	Democratic Republic of the Congo	francis_ngoy2007@yahoo.fr		Yes	Poster
213	Mr	Gaston Eric	Nkolo Mvienna	Centre Mere et Enfant de la Fondation Chantal Biya	Cameroon	ericgaston777@gmail.com	BBI	Yes	Poster
214	Miss	Thobekile	Nkosi	Department of Science and Technology	South Africa	Thobekile.Nkosi@dst.gov.za		Yes	
215	Dr	Justice	Nonvignon	University of Ghana	Ghana	jnonvignon@ug.edu.gh	PATH	Yes	Poster
216	Mrs	Ngozi Grace	Nwankwo	Institute of Child Health, University of Nigeria Teaching Hospital	Nigeria	guzzynwankwo@yahoo.com		Yes	
217	Dr	Atunga	Nyachieo	Institute of Primate Research	Kenya	nyachieo@yahoo.com	BBI	Yes	Poster
218	Dr	Martin	Nyaga	University of the Free State	South Africa	nyagamm@ufs.ac.za	BMGF	Yes	

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No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
219	Mr	James	Nyangao	KEMRI	Kenya	jnyangao2000@yahoo.com		No	Poster
220		Elayna	Oberman	PATH	USA	eoberman@path.org		Yes	
221	Dr	John Benjamin	Ochieng	KEMRI	Kenya	bochieng2010@yahoo.com	BMGF	Yes	Poster
222	Ms	Mercy	Ogunyinka	University of the Free State	South Africa	mercyog8@gmail.com	BBI/ BMGF	Yes	Poster
223	Mr	Billy Graham	Ogwel	KEMRI-CGHR (Kenya Medical Research Institute Center for Global Health Research)	Kenya	ogwelbill@gmail.com		No	
224	Mrs	Abiola	Ojumu	Clinton Health Access Initiative	Nigeria	aojumu@clintonhealthaccess.org		No	
225	Dr	Chinasa	Okafor	Chukwuemeka Odumegwu Ojukwu University Teaching Hospital Amaku Awka	Nigeria	drokaforchinasa@gmail.com	SII	No	Poster
226	Dr	Olakunle	Oladehin	GSK Pharmaceuticals	Nigeria	olakunle.o.oladehin@gsk.com		Yes	
227	Dr	Temitayo Folorunso	Olowookere	GSK	Nigeria	temitayo.f.olowookere@gsk.com		Yes	
228	Mr	Richard	Omore	KEMRI	Kenya	romore@kemricdc.org	PATH	Yes	Poster
229	Prof	Hester Gertruida	O'Neill	University of the Free State	South Africa	oneillhg@ufs.ac.za		Yes	
230	Dr	Uma Uduma	Onwuchekwa	Ministry of Health	Mali			Yes	
231	Mr	Fred	Osei-Sarpong	World Health Organization	Ghana	foseisarpong@who.int		Yes	
232	Dr	Michel	Othepa	John Snow, Inc	USA	brian_castro@jsi.com		Yes	
233	Dr	John Samuel	Otomba Tonda	World Health Organization	Democratic Republic of the Congo			Yes	
234	Dr	Nekoye	Otsyula	GSK	Kenya	nekoye.n.otsyula@gsk.com		Yes	
235	Dr	Nafissatou	Ouedraogo	University of Dedougou	Burkina Faso	nafissatouedraogo@yahoo.fr	SII/BMGF	Yes	Poster
236	Dr	Issa	Ouedraogo	Directeur de la Prévention par la Vaccination	Burkina Faso	issayann09@yahoo.fr		Yes	
237	dr	Jane Juma Oyiengo	Ouma	KEMRI – entre for Global Health Research	Kenya	oyiengolusi@gmail.com jjuma@kemricdc.org		No	
238	Mrs	Tinuola Olayemi	Oyinloye	Aminu Kano Teaching Hospital	Nigeria	tinuoyinloye@yahoo.com		No	

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
239	Prof	Nicola Anne	Page	National Institute for Communicable Diseases	South Africa	nicolap@nicd.ac.za		Yes	Poster
240	Dr	Raissa	Pali	Ministry of Health	Central African Republic			Yes	
241		Gilson	Paluku	World Health Organization	Gabon			Yes	
242	Dr	Umesh	Parashar	Centers for Disease Control and Prevention	USA	Uap2@cdc.gov		Yes	Oral
243	Mr	Vijaykumar	Patil	Serum Institute of India Private Limited	India	vijay.patil@seruminstitute.com		Yes	
244	Prof	Clint	Pecenka	PATH	USA	cpecenka@path.org		No	Oral
245	Mr	Phethegile Esrom	Phetla	Diarrhoeal Pathogens Research Unit, Sefako Makgatho Health Sciences University	South Africa	Phethegilephetla@yahoo.com		Yes	Poster
246	Ms	Nomcebo	Phungwayo	Eswatini Health Laboratory Services	eSwatini	cebophung@gmail.com	BMGF	Yes	Poster
247	Mr	Sai	Prasad	Bharat Biotech International Ltd	India	prasadsd@bharatbiotech.com		Yes	
248	Dr	Julia Liliane	Raboba	Ministry of Public Health Madagascar	Madagascar	liliane_raboba@yahoo.fr	SII	Yes	Oral
249	Dr	Lalaina	Rahajamanana	Ministry of Health Madagascar	Madagascar	v_lalaina@yahoo.fr	BMGF	Yes	Poster
250	Ms	Kebareng	Rakau	Sefako Makgatho Health Sciences University	South Africa	kebarengrakau@gmail.com		Yes	Poster
251	Mrs	Ntsieni	Ramalwa	National Institute of Communicable Diseases (NICD)	South Africa	ntsienir@nicd.ac.za		No	
252	Miss	Sebotsana	Rasebotsa	University of the Free State	South Africa	sebotsanarasebotsa@gmail.com	BMGF	Yes	Oral
253	Dr	Niraj	Rathi	PATH	India			Yes	
254	Dr	Marie Constance	Razaarimanga	World Health Organization	Central African Republic			Yes	
255	Prof	Wolfgang	Rennert	Rostropovich Vishneskaya Foundation	USA	rennertw@gunet.georgetown.edu		Yes	Oral
256	Mr	Atif	Riaz	Aga Khan University	Pakistan	atif.riaz@aku.edu		Yes	Oral

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No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
257	Mr	Ngoya Ebiguide	Roger Quantier	OMS	Cameroon	ngoyaroger@gmail.com	BMGF	Yes	Poster
258	Ms	Esmari	Rossouw	University of Pretoria	South Africa	u12225925@tuks.co.za		Yes	Poster
259	dr	Debasish	Saha	GSK Vaccines	Belgium	Debasish.x.saha@gsk.com		No	
260	Dr	Sabiu	Saheed	Durban University of Technology and University of the Free State	South Africa	sabius@dut.ac.za	BBi/ BMGF	Yes	Poster
261	Mrs	Kafilat	Salvador Oke	Sefako Makgatho Health Sciences University	South Africa	kafilattai@gmail.com		Yes	Poster
262	Mr	Wico	Sander	University of the Free State	South Africa	wicosander@gmail.com	BMGF	Yes	Poster
263	Mr	Abass Ademola	Sanni	GSK	Nigeria	abass.a.sanni@gsk.com		Yes	
264	Prof	Mathu	Santosham	Johns Hopkins University	USA	Msantosham@jhu.edu		No	
265	Dr	Rakesh Kumar	Saroj	Centre for Infectious Disease Research in Zambia (CIDRZ)	Zambia	rakesh.saroj@bhu.ac.in		No	
266	Ms	Molly	Sauer	International Vaccine Access Center, Johns Hopkins Bloomberg School of Public Health	USA	msauer@jhu.edu		Yes	
267	Ms	Neo	Segone	University of the Free State	South Africa	neozagonene@gmail.com	BMGF	Yes	Poster
268	Prof	Mapaseka	Seheri	Sefako Makgatho Health Sciences University	South Africa	mapaseka.seheri@smu.ac.za	BMGF	Yes	Poster
269	Mr	Phuti	Sekwadi	National Institute for Communicable Diseases	South Africa	phutis@nicd.ac.za		Yes	
270	Mr	Alhagie Papa	Sey	National Public Health Laboratories, Ministry of Health, The Gambia	The Gambia	seyalhagiepapa@yahoo.com		No	
271	Dr	Keith	Shaba		Congo			Yes	
272	Dr	Isaac Thom	Shawa	University of Malawi, College of Medicine	Malawi	ishawa@medcol.mw	GSK	Yes	
273	Ms	Lora	Shimp	John Snow, Inc	USA	lora_shimp@jsi.com		Yes	
274	Dr	Abdoul Karim	Sidibe		USA			Yes	
275	Mr	Suwilanj	Silwamba	Centre for Infectious Disease Research in Zambia	Zambia	suwi2006@hotmail.com		No	

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
276	Mrs	Pukuta	Simbu Elisabeth	Institut National de Recherche Biomedical	Democratic Republic of the Congo	elisepukuta@gmail.com		Yes	Poster
277	Mrs	Celiwe	Simelane	Ministry of Health, eSwatini	eSwatini	celiwesimelane@gmail.com		Yes	
278	Mr	Michelo	Simuyandi	Centre for Infectious Disease Research in Zambia	Zambia	Michelo.Simuyandi@cidrz.org		Yes	Poster
279	Ms	Julia	Simwaka	Ministry of Health	Zambia	juliachibumba@gmail.com	BMGF	Yes	
280	Dr	Ved	Singh	GSK Biologicals	Belgium	ved.s.singh@gsk.com		Yes	Poster
281	Dr	Seydou	Sissoko					Yes	
282	MR	Venkatraman	Sivaramakrishnan	Bharat Biotech International Ltd	India	venkatraman2065@bharatbiotech.com		Yes	
283	Ms	Whitney Williams	Skowronski	Centers for Disease Control and Prevention	USA	wskowronski@cdcfoundation.org		Yes	
284	Dr	Kendall	Smit	Chris Hani Baragwanath Hospital	South Africa	kksmit301@gmail.com		Yes	
285	Ms	Arlene	Smith	SAMRC	South Africa	arlene.smith@mrc.ac.za	BMGF	Yes	
286	Dr	Aristide Roch	Sossou	World Health Organization	Benin			Yes	
287	Dr	Moufidath Omonwouni Remi Star	Soukere Soro	Ministry of Health and Sanitary	Côte d'Ivoire	s.moufidath@yahoo.fr	WHO	Yes	Poster
288	Dr	Duncan	Steele	BMGH	USA	duncan.steele@gatesfoundation.org		Yes	
289	Dr	Amy	Strydom	University of the Free State	South Africa	strydoma@ufs.ac.za		Yes	
290	Dr	Nsofwa	Sukwa	Centre for Infectious Disease Research in Zambia	Zambia	nsofwa.sukwa@cidrz.org	BMGF	Yes	Poster
291	Dr	Shazia	Sultana	Aga Khan University	Pakistan	shazia.sultana@aku.edu		Yes	
292	Dr	Beckie	Tagbo	Institute of Child Health University of Nigeria Teaching Hospital	Nigeria	tagbobeckie@gmail.com	WHO	No	Poster
293	Dr	Andre	Tagne Sado	GSK	Côte d'Ivoire	andre.x.tagne@gsk.com		Yes	
294	Dr	Jacqueline	Tate	Centers for Disease Control and Prevention	USA	jqt8@cdc.gov		Yes	
295	Prof	Maureen	Taylor	NHLS/TAD & University of Pretoria	South Africa	maureen.taylor@up.ac.za		Yes	
296	Mr	Emmanuel Yohana	Tessua	Ministry of Health - Tanzania	Tanzania			No	

ANNEXURE A: 12th ARS LIST OF DELEGATES (CONTINUED)

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
297	Dr	Tushar	Tewari	PATH	India	ttewari@path.org		Yes	
298	Miss	Esther	Thaulo	Malawi Liverpool Wellcome Trust Clinical Research Programme	Malawi	ethaulo@mlw.mw	SII	Yes	Poster
299	Mr	Luan	Theart	North West University	South Africa	luan.theart@gmail.com	BMGF	Yes	Poster
300	Dr	Nicolas	Theopold	BMGF	USA	Nicolas.theopold@gates-foundation.org		Yes	
301	Dr	Juno	Thomas	National Institute for Communicable Diseases	South Africa	junot@nicd.ac.za		Yes	
302	Dr	Alfred	Thutloa	SAMRC	South Africa	alfred.thutloa@mrc.ac.za	BMGF	Yes	
303	dr	Sanogo	Tiaria Mamadou	CVD-Mali	Mali	tiariananogo@gmail.com		No	
304	Mr	Lopiso	Tirote	Addis Ababa University	Ethiopia	lopedessalegn@gmail.com	SII/BMGF	No	Poster
305		Diakalia	Traore	Ministry of Public Health	Mali	diakalia_traore@yahoo.fr		Yes	
306	Dr	Enyonam	Tsolenyanu	Ministry of Health in Togo	Togo	tsolenyanu_enyonam@yahoo.fr		Yes	Poster
307	Ms.	Veronique	Tubijinga Bakashala	Hopital Pediatrique de Kalembe Lembe	Democratic Republic of the Congo	tubijinga@yahoo.fr		No	Poster
308	Dr	Savi Chetty	Tulsee	SCT Consulting	South Africa	savi.sct@mweb.co.za		Yes	
309	Dr	Krishna Mohan	Vadrevu	Bharat Biotech International Ltd	India	kmohan@bharatbiotech.com		Yes	
310	Prof	Albie	Van Dijk	North West University	South Africa	albie.vandijk@nwu.ac.za	BMGF	Yes	
311	Mr	Daniel	Velasquez	Centers for Disease Control and Prevention	USA	iqm6@cdc.gov		Yes	Poster
312	Mr	Martin	Visser	North West University	South Africa	martinvisser75@gmail.com	BMGF	Yes	Poster
313	Ms	Leocadie	Voumy		Congo			Yes	
314	Mr	Aminu	Wada Kura	National Biotechnology Development Agency Abuja	Nigeria	wadakura@gmail.com	SII	No	Poster
315	Dr	Ernest	Wandera Apondi	KEMRI	Kenya	ewandera@gmail.com	GSK	Yes	Oral
316	Dr	Goitom	Weldegebriel	World Health Organization	Zimbabwe			Yes	
317	Dr	Tapsoba	Wendlamita Toussaint	Centre Hospitalier Universitaire Pediatrique Charles de Gaulle de Ouagadougou	Burkina Faso	tap_toussaint@yahoo.fr	WHO	Yes	Poster

No.	Title	First Name	Last Name	Organisation	Country	Email	Sponsor	Attended	Presentation type
318	Prof	Fredrick	Were	Professor of Pediatrics & Child Health, University of Nairobi	Kenya	fredhwere@gmail.com	GSK	Yes	
319	Dr	Ritha	Willilo	World Health Organization	Tanzania	willilor@who.int	BMGF	Yes	
320	Miss	Abena Ahwianfoa Yawson	Yawson	Bharat Biotech International Ltd	Ghana	abena19@bharatbiotech.com		Yes	
321	Dr	Flore Sandrine	Zaba	Bacteriology Virology Laboratory of Teaching Hospital of Yopougon	Côte d'Ivoire	sandyzaba@yahoo.fr	WHO	Yes	Poster
322	Mr	Jeremiah Omari Zablon	Zablon	Kenyatta National Hospital	Kenya	Jzablon2000@yahoo.com		Yes	
323	Dr	Conyanbyalogo Achille	ZABRE	Gestionnaire de donnée à la Direction de la Prévention par la Vaccination	Burkina Faso	zabrecac@yahoo.fr		Yes	
324	Dr	Jagdish	Zade	Serum Institute of India Private Limited	India	jagdish.zade@seruminstitute.com		Yes	
325	Dr	Maman	Zaneidou	MSP Niger	Niger	mzaneidou@yahoo.fr		No	
326	Dr	Michael	Mol	Hello Doctor	South Africa			Yes	
327	Dr	Bankoto Mualuke	Zephyrine		Democratic Republic of the Congo			Yes	
SAMRC Events Management staff									
	Ms	Kefiloe Masemola		SAMRC	South Africa	Kefiloe.masemola@mrc.ac.za		Yes	
	Ms	Mandy Salomo		SAMRC	South Africa	mandy.salomo@mrc.ac.za		Yes	
	Mr	Deon Salomo		SAMRC	South Africa	deon.salomo@mrc.ac.za		Yes	
	Ms	Veronica Pienaar		SAMRC	South Africa	veronica.pienaar@mrc.ac.za		Yes	
	Mr	Robert Ganesh		SAMRC	South Africa	robert.ganesh@mrc.ac.za		Yes	
	Ms	Michelle Fredericks		SAMRC	South Africa	event2@mrc.ac.za		Yes	

ANNEXURE B: LIST OF DELEGATES BY ORGANISATION

Institution	No. of delegates
Abuth Zaria	1
Aga khan University	2
Ahmadu Bello University Teaching Hospital, Shika Zaria	1
Albert Royer Paediatric Hospital Laboratory	1
Amsterdam Institute for Global Health and Development, University of Amsterdam	1
Anatech	1
Aspen/GSK	1
Bacteriology Virology Laboratory of Teaching Hospital of Yopougon	1
Bharat Biotech International Ltd	7
Biovac	2
BMGF	3
Caritas Baby Hospital	1
Center for Vaccine Development	1
Centers for Disease Control and Prevention	13
Centre for Enteric Diseases National Institute for Communicable Diseases	1
Centre for Infectious Disease Research, Zambia	7
Centre Hospitalier Universitaire Pediatrique Charles de Gaulle de Ouagadougou	1
Centre Mere et Enfant de la Fondation Chantal Biya	1
Chris Hani Baragwanath Hospital	1
Clinton Health Access Initiative	1
Cochrane South Africa, SAMRC	1
Department of Science and Technology, South Africa	2
Department of the Ghana Health Service	1
Diarrhoeal Pathogens Research Unit, Sefako Makgatho Health Sciences University	1
Directeur de la Prévention par la Vaccination	1
Directeur Général Point focal du Laboratoire de référence Rotavirus	1
Dodowa Health Research Centre	1
Durban University of Technology and University of the Free State	1
Embu Level V Hospital, Kenya	1
Emory University	1
Eswatini Health Laboratory Services	1
Ethiopian Public Health Institute	1
European Developing Countries Clinical Trials Partnership	1
Expanded Program on Immunization	1
Federal Medical Center Asaba	1
Federal Ministry of Health	1
Fogarty International Center, National Institutes of Health	1
Futurehands	1
GAVI	1

Institution	No. of delegates
Gestionnaire de donnée à la Direction de la Prévention par la Vaccination	1
Ghana Health Service	1
GSK	10
GSK Biologicals	2
GSK Pharmaceuticals	2
GSK Vaccines, Belgium	1
Hello Doctor	1
Higher Institute of Medical Techniques of Lubumbashi	1
Hopital Pediatrique de Kalembe Lembe	2
Immunization programme	1
Imperial College London	1
Institut National de Recherche Biomedical	1
Institut Pasteur de Bangui	2
Institute of Child Health, University of Nigeria Teaching Hospital	1
Institute of Primate Research	3
Instituto Nacional de Saúde (INS), Mozambique	2
International Vaccine Access Center, Johns Hopkins Bloomberg School of Public Health	1
John Snow, Inc	4
Johns Hopkins University Bloomberg School of Public Health	1
KEMRI	6
Kenya Institute of Primate Research	1
Kenyatta National Hospital	1
Kigali University Teaching Hospital	1
Komfo Anokye Teaching Hospital (KATH)	1
Laboratory	1
LSHTM	1
Malawi Liverpool Wellcome Trust Clinical Research Programme	5
Mbagathi County Hospital	1
Medical Research Council Unit The Gambia at the London School of Hygiene Tropical Medicine	1
Minister of Health. Teaching hospital of Yopougon Abidjan . Department of pediatric surgery	1
Ministry of Health	6
Ministry of Health and Child Care	1
Ministry of Health and Sanitary	1
Ministry of Health, Togo	1
Ministry of Health, Madagascar	1
Ministry of Health, Palestine	1
Ministry of Health, Uganda	1
Ministry of Health, eSwatini	1
Ministry of Health, Zanzibar	1
Ministry of Public Health	1
Ministry of Public Health Madagascar	1

ANNEXURE B: LIST OF DELEGATES BY ORGANISATION

Institution	No. of delegates
MoH Benin	1
National Health Institute	1
National Health Laboratory	1
National Institute for Communicable Diseases	3
National Institute for Communicable Diseases & University of the Witwatersrand School of Public Health	1
National Institute of Health	1
National Institute of Health Mozambique	2
National Laboratory of Public Health, Benin	1
National Primary Health Care Development Agency	1
NHLS/TAD & University of Pretoria	1
NICD	1
Nigeria Immunization Technical Advisory Group (NGI-TAG)	1
Noguchi Memorial Institute for Medical Research, University of Ghana	5
North West University	5
North West University Potchefstroom Biochemistry dep.	1
OMS	1
Palestinian Ministry of Health	1
PATH	11
Pédiatre, coordonnateur du site Rota de l'hôpital pédiatrique	1
Professor of Pediatrics & Child Health, University of Nairobi	1
Ravin/JSI	1
Research Consultant	2
Respiratory and Meningeal Pathogens Research Unit, Wits	1
Rostropovich Vishneskaya Foundation	1
SAMRC	4
School of Public Health University of Health and Allied Sciences	1
SCT Consulting	1
Sefako Makgatho Health Sciences University	8
Self employee	1
Serum Institute of India Private Limited	5
South African Vaccination and Immunization Center (SAVIC)	1

Institution	No. of delegates
Student Technical University	1
Suru Lere Hospital	1
The Biovac Institute	1
The Technical University of Kenya	1
Uganda Virus Research Institute	1
UNICEF Supply Division	1
University Center of Cocody and President of the Association of African Pediatric Societies	1
University Felix Houphouet Boigny Abidjan	1
University Hospital Sahloul	1
University Mohammed V	1
University of Benin Teaching Hospital	1
University of Dedougou	1
University of Dodoma	1
University of Ghana	1
University of Ilorin Teaching Hospital	1
University of Liverpool	1
University of Malawi, College of Medicine	2
University of Maryland School of Medicine	1
University of Pretoria	3
University of the Free State	10
University of the Free State Next Generation Sequencing Unit	1
University of the Witwatersrand	2
University of Zimbabwe	2
University Ouaga1Pr Joseph KI ZEBO	1
University Teaching Hospitals	1
WHO Country office	1
WHO Regional Office for Africa Brazzaville Republic of Congo	1
WHO supported Rotavirus Sentinel Site Enugu Nigeria	1
Wits Reproductive Health and HIV Institute (WITS RHI)	1
WHO	14
Unknown	8

ANNEXURE C: 12TH ARS - ABSTRACT REVIEW FORM

In this space the abstract text will appear (please note that only the abstract title and text will be visible. Names of author(s) and co-authors as well as their affiliations will not be included.)

Static Questions

Abstract Number: *(This information gets generated from the abstract form)*

Abstract Title: *(This information gets generated from the abstract form)*

Abstract Content: *(This information gets generated from the abstract form)*

Do you have a conflict of interest: YES/NO *(Compulsory question to be answered by reviewer)*

Is this topic/abstract in your area of expertise: YES/NO *(Compulsory question to be answered by reviewer)*

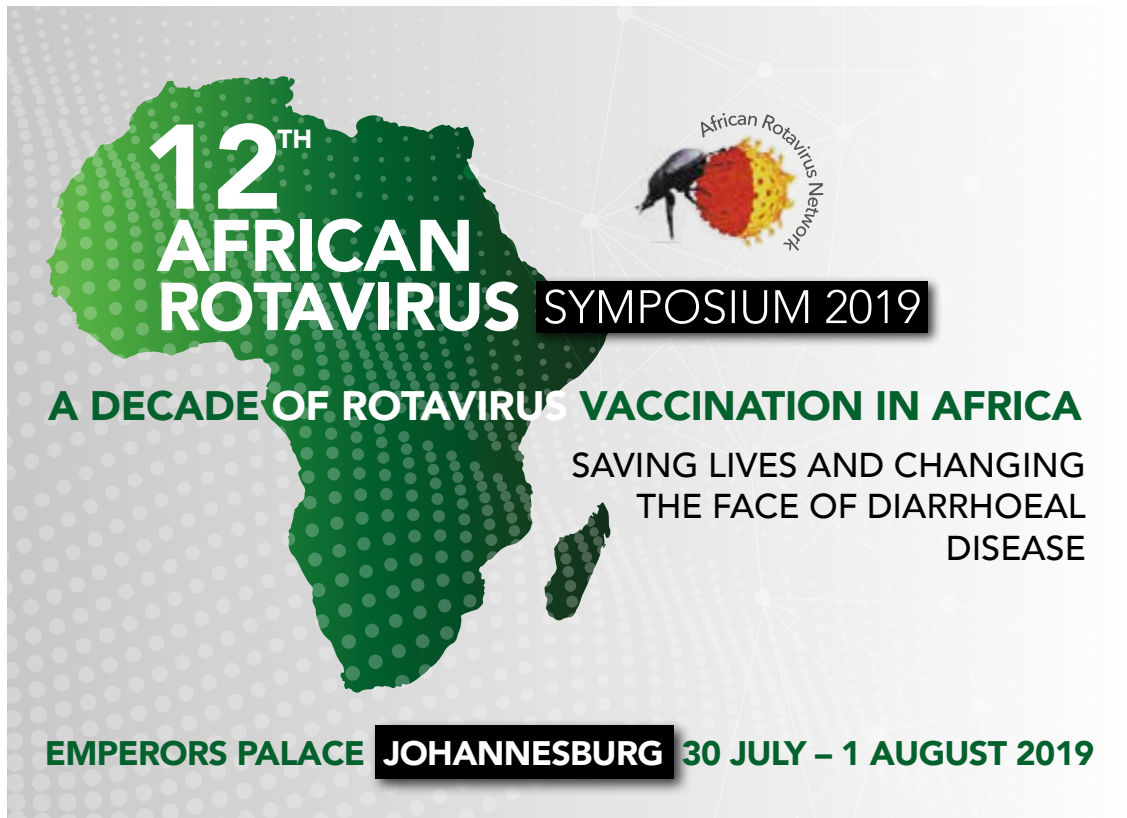
Please provide comments to motivate your score and recommendation: *(Question to be answered by reviewer – not compulsory)*

Dynamic Questions

Abstract assessment:	
Provide an overall rating for each set of review questions listed using the following scale: 1 = Poor/incomplete 2 = Fair 3 = Good 4 = Very good 5 = Excellent	
	Score out of 5
Relevance to the 12th ARS 2019 Symposium: “A decade of rotavirus vaccination in Africa”	
<ul style="list-style-type: none"> Does the abstract address the ARS 2019 Symposium key theme? Is it likely that the presentation will be of interest to the Symposium participants? 	1 2 3 4 5 1 2 3 4 5
Clarity of purpose and objectives of the study/programme/policy:	
<ul style="list-style-type: none"> Are the objectives of the study clear and well presented? Is a short summary/synopsis of the issue(s) presented? 	1 2 3 4 5 1 2 3 4 5
Appropriateness of the methodology and design:	
<ul style="list-style-type: none"> Is the data analysis and interpretation appropriate? Is the methodology used appropriately? 	1 2 3 4 5 1 2 3 4 5
Significance of the study/programme/policy:	
<ul style="list-style-type: none"> Are the study/programme/policy findings significant? Are the conclusions well supported and appropriate? Is the study/programme/policy innovative and original? Does it provide new insights in this area of research and innovation? 	1 2 3 4 5 1 2 3 4 5 1 2 3 4 5
Contribution of the study:	
<ul style="list-style-type: none"> Contributes to new knowledge/new/upgraded service delivery/new techniques or practice Provides recommendations for future studies Based in LMICs/resource poor settings 	1 2 3 4 5 1 2 3 4 5 1 2 3 4 5

Reviewer recommendations:		
Oral presentation	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Poster presentation	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Panel presentation	Yes <input type="checkbox"/>	No <input type="checkbox"/>

ANNEXURE D: 12TH ARS PROGRAMME



The poster features a green map of Africa with the number '12TH' and the words 'AFRICAN ROTAVIRUS' overlaid. To the right is the African Rotavirus Network logo, which includes a stylized rotavirus particle and a mosquito. The background has a light grey grid pattern with dots.

12TH AFRICAN ROTAVIRUS SYMPOSIUM 2019

A DECADE OF ROTAVIRUS VACCINATION IN AFRICA

SAVING LIVES AND CHANGING
THE FACE OF DIARRHOEAL
DISEASE

EMPERORS PALACE JOHANNESBURG 30 JULY – 1 AUGUST 2019

TUESDAY, 30 JULY 2019

08:00 - 09:00 Registration & Tea/Coffee

**09:00 - 10:30 SESSION 1:
OPENING CEREMONY****Moderators:**

Jeffrey Mphahlele, SAMRC and Jason Mwenda, WHO AFRO

Welcome remarks - Symposium Chair - **Jeffrey Mphahlele**, SAMRCRemarks - **Umesh Parashar**, CDC; **Duncan Steele**, BMGF; **Jason Mwenda**, WHO AFRO and **Deborah Atherly**, PATH.Third Professor Duncan Steele Lecture Series - **George Armah**, Noguchi Institute of Medical Research/University of Ghana

10:30 - 11:00 REFRESHMENTS & POSTER PRESENTATIONS

**11:00 - 13:00 SESSION 2:
ROTAVIRUS BURDEN OF DISEASE AND EPIDEMIOLOGY IN AFRICA****Moderators:**

Adam Cohen, WHO and Nicola Page, NICD

11:00 - 11:25 **Fred Were**, University of Nairobi - Integrated control and prevention of diarrhea in children in Africa11:25 - 11:50 **Jacqueline Tate**, CDC, USA - Global Rotavirus disease burden11:50 - 12:10 **Aybuke Koyuncu**, Centre for Infectious Diseases Research (CIDRZ), Zambia - Nutritional status and the prevalence of rotavirus diarrhea among children in Zambia12:10 - 12:30 **Jason Mwenda**, WHO AFRO, Congo - Progress of the rotavirus vaccine introduction and impact on rotavirus hospitalizations among children under 5 in Africa

12:30 - 13:00 Discussion

13:00 - 14:00 LUNCH & POSTER PRESENTATION

**14:00 - 15:30 SESSION 3:
UNDERSTANDING DIARRHEAL DISEASE AND ENTERIC PATHOGENS IN AFRICA****Moderators:**

Jacqueline Tate, CDC and Roma Chilengi, CIDRZ

14:00 - 14:25 **Adam Cohen**, WHO Switzerland - Etiology of diarrhea in hospitalized children under 5 years of age in Africa: Preliminary results from the first 2 years of the GPDSN, 2017-201814:25 - 14:45 **Karen Kotloff**, University of Maryland, USA - Etiology and adverse clinical consequences of moderate-to-severe diarrhea among children under 5 in three sub-Saharan African countries post-rotavirus vaccine introduction

14:45 - 15:05	Caroline Chisenga , Centre of Infectious Disease Research (CIDRZ), Zambia - Aetiology of diarrhoea in children under five in Zambia detected using luminex xTAG gastrointestinal pathogen panel
15:05 - 15:25	Mapaseka Seheri , Sefako Makgatho Health Sciences University, South Africa - Enteric pathogens associated with diarrhoeal outbreak in Botswana and Eswatini in 2018
15:25 - 15:30	Discussion - highlighting some specific posters in this section
15:30 - 16:00	REFRESHMENTS & POSTER PRESENTATION
16:00 - 17:30	SESSION 4: MOLECULAR EPIDEMIOLOGY AND ROTAVIRUS STRAIN DIVERSITY IN AFRICA Moderators: Mapaseka Seheri, Sefako Makgatho Health Sciences University and Martin Nyaga, University of the Free State
16:00 - 16:12	Chantal Agbemabiese , Noguchi Memorial Institute for Medical Research/University of Ghana - Interspecies transmission of rotaviruses and its evolutionary implication: A view from Africa
16:12 - 16:24	Sebotsana Rasebotsa , University of the Free State, South Africa - Analysis of G1P[8] whole genome constellations identifies a vaccine-derived strain in Rwanda
16:24 - 16:36	Julia Liliane Raboba , Ministry of Public Health, Madagascar - Diversity of rotavirus genotypes in Madagascar before and after rotavirus vaccine introduction

16:36 - 16:48	Ngah Carine Enjeh , University of Yaoundé, Cameroon - Identification of rotavirus strains circulating in the south west region of Cameroon after vaccine introduction
16:48 - 17:00	Khuzwayo Jere , Malawi Liverpool Welcome Trust Clinical Research Programme - Evaluation of rotavirus vaccine effectiveness against G1 and G2 strains possessing a DS-1-like genetic backbone In Malawian infants
17:00 - 17:12	Simone Salvador Boene , National Institute of Health, Mozambique - Whole genome characterization of porcine rotavirus a collected in southern Mozambique, reveals G9P[13] and G4P[6] strains with a WA-like backbone
17:12 - 17:30	Discussion - highlighting specific poster presentations
17:30-18:00	POSTER PRESENTATIONS
18:30 - 22:00	SYMPOSIUM DINNER - RED SHED AT EMPERORS PALACE

WEDNESDAY 31 JULY 2019	
08:30 - 11:00	SESSION 5: ROTAVIRUS VACCINE IMPLEMENTATION IN AFRICA Moderators: Umesh Parashar, CDC and George Armah, NIMR/University of Ghana
08:30 - 08:55	Michelle Groome , University of the Witwatersrand, South Africa - Intussusception and rotavirus vaccines - An overview of global and African data

08:55 - 09:20	Andy Clark , London School of Hygiene and Tropical Medicine, UK - Mortality reduction benefits and intussusception risks of rotavirus vaccination in 135 low- and middle-income countries: evaluation of current and alternative schedules
09:20 - 09:40	Sozinho Acacio , Research Center in Health of Manhica, Mozambique - Impact of rotavirus vaccination in children less than 5 years of age in rural southern Mozambique
09:40 - 10:00	Sammy Khagayi , Kenya Medical Research Institute - Effectiveness of a monovalent rotavirus vaccine against hospitalization with acute rotavirus gastroenteritis in Kenyan children
10:00 - 10:20	Atif Riaz , Aga Khan University, Pakistan - Impact assessment of rotavirus vaccine introduction in Pakistan's routine immunization program
10 :20 - 11 :00	Discussion - highlighting some specific posters in this section
11:00 - 11:30	REFRESHMENTS & POSTER PRESENTATION
11:30 - 13:30	SESSION 6: ROTAVIRUS VACCINE DEVELOPMENT UPDATES Moderators: Carl Kirkwood, BMGF and Michelle Groome, Wits University
11:30 - 11:45	Umesh Parashar , CDC, USA - An overview of the current and future rotavirus vaccines
11:45 - 12:05	Ved Singh and Bernd Benninghoff , GSK, Belgium - Success story of human rotavirus vaccines in Africa and beyond! Lessons learned

12:05 - 12:25	Sai D. Prasad , Bharat, India - ROTAVAC® and ROTAVAC® 5D - Product development and programmatic implementation
12:25 - 12:45	A Desai Sajjad , Serum Institute, India - Updates on Rotasiil rotavirus vaccine
12:45 - 13:10	Lee Fairlie , University of the Witwatersrand, South Africa - Safety and immunogenicity of P2-VP8 subunit vaccine
13 :10 - 13 :30	Discussion
13:30 - 15:00	LUNCH & POSTER PRESENTATION
15:00 - 17:00	SESSION 7: CELEBRATION OF THE AFRICAN ROTAVIRUS NETWORK 20TH ANNIVERSARY AND THE SOUTH AFRICAN MEDICAL RESEARCH COUNCIL (SAMRC) 50TH ANNIVERSARY Theme: A decade of rotavirus vaccination in Africa Highlights of the achievements of both the African Rotavirus Network and collaboration with the SAMRC Moderator: Dr Michael Mol Panellists to include South African Department of Health, BMGF, WHO, GAVI, UNICEF, South African Medical Research Council & African Rotavirus Network
17:00 - 18:00	NETWORKING OPPORTUNITIES

THURSDAY 1 AUGUST 2019

08:30 - 10:30	SESSION 8: SCIENTIFIC ADVANCES IN ROTAVIRUS RESEARCH IN AFRICA Moderators: Khuzwayo Jere, Malawi LWTCRP and Roger Glass, NIH
08:30 - 08:50	Peter Mwangi , University of the Free State, South Africa - Molecular characterization of rotavirus strains using whole genome sequencing reveals unique changes post-rotavirus vaccine introduction in Zambia
08:50 - 09:10	Theresa Resch , CDC - Increased expression of pro-inflammatory markers in children with intussusception in South Africa
09:10 - 09:30	Chikondi Malamba , Malawi Liverpool Welcome Trust Clinical Research Programme (Malawi LWTCRP) - Rotavirus vaccine shedding is associated with increased frequency of circulating T-follicular helper and T-helper cells in Malawian infants
09:30 - 09:50	Ernest Wandera Apondi , Kenya Medical Research Institute - Genomic characterization of uncommon human G3P[6] rotavirus strains that emerged in Kenya after rotavirus vaccination
09:50 - 10:10	Marno Huysers , North West University, Potchefstroom, South Africa - Local implementation and optimization of plasmid-only rotavirus reverse genetics
10:10 - 10:30	Discussion - Questions and Answer
10:30 - 11:00	REFRESHMENTS & POSTER PRESENTATIONS

11:00 - 12:55	SESSION 9: THE ECONOMIC AND PUBLIC HEALTH IMPACT OF ROTAVIRUS VACCINES IN AFRICA Moderators: Deborah Atherly, PATH and Justice Nonvignon, University of Ghana
11:00 - 11:10	Deborah Atherly , PATH, USA - Short opening statement of economic evaluations in Africa
11:10 - 11:35	Gitte Giersing , WHO, Switzerland - 'How can the TSE approach inform the public health value proposition for next generation rotavirus vaccines?
11:35 - 11:55	John Anderson , Research Consultant, USA - Effects of geographic and economic heterogeneity on the burden of rotavirus diarrhea and the impact and cost effectiveness of vaccination in Nigeria
11:55 - 12:15	Palwasha Anwari , Independent, Afghanistan - Potential impact and cost-effectiveness of rotavirus vaccination in Afghanistan
12:15 - 12:35	Frederic Debellut , PATH, Switzerland - Impact and cost-effectiveness of rotavirus vaccination in Palestine
12:35 - 12:55	Clint Pecenka , PATH, USA - Re-evaluating the cost and cost-effectiveness of rotavirus vaccination in Bangladesh, Ghana and Malawi: A comparison across three WHO pre-qualified vaccines
12:55 - 14:00	LUNCH & POSTER PRESENTATIONS

14:00 - 15:30	SESSION 10: VACCINE POLICY AND DECISION-MAKING IN AFRICA
	Moderators: Duncan Steele, BMGF and Fred Were, University of Nairobi
14:00 - 14:25	Thomas Cherian , Independent, India - Introduction of ROTAVAC and RotaSiIL vaccines in India: Lessons, challenges and way forward for Africa
14:25 - 14:45	Veronica Denti , GAVI, Switzerland - Navigating the unprecedented range of rotavirus vaccine options now available to Gavi-supported countries
14:45 - 15:00	Wolfgang Rennart , Rostropovich Vishneskaya Foundation, USA - Introducing rotavirus vaccine to LMICs: Establishing sustainable immunization program in Palestine using ROTAVAC
15:00 - 15:20	Shingai Machingaidze , EDCTP, South Africa - Strengthening South-North collaboration for research on diarrheal diseases
15:20 - 15:30	Discussion
15:30 - 16:00	REFRESHMENTS & POSTER PRESENTATIONS



16:00 - 16:30	CLOSING CEREMONY
	Moderators: Jeffrey Mphahlele, SAMRC and Madeleine Amorissani-Folquet, CHU Cocody, Abidjan, Côte d'Ivoire
	Key highlights of symposium/Joint statement: Jeffrey Mphahlele, SAMRC
	Announcement of the host country of the 13th African Rotavirus Symposium Duncan Steele, BMGF and Jason Mwenda, WHO AFRO
	Closing remarks Duncan Steele, BMGF



ANNEXURE E:
CONSOLIDATED INCOME AND EXPENDITURE REPORT
 FOR THE EVENT 30 JULY TO 01 AUGUST 2019

	R
INCOME	5,409,449.21
BHARAT Biotech	345,047.50
Bill & Melinda Gates Foundation (BMGF)	3,664,486.14
Glaxosmithkline (GSK)	627,408.00
PATH	355,000.00
South African Medical Research Council (SAMRC)	50,000.00
Serum Institute of India (SERUM)	367,507.57
EXPENDITURE	(3,416,421.33)
1. Funders expenses	(3,287,439.89)
BHARAT Biotech	(333,743.62)
Bill & Melinda Gates Foundation (BMGF)	(1,720,468.21)
Glaxosmithkline (GSK)	(506,848.73)
PATH	(347,264.96)
South African Medical Research Council (SAMRC)	(50,000.00)
Serum Institute of India (SERUM)	(329,114.37)
2. Funders refunds	(128,981.44)
PATH (Refund paid)	(8,422.17)
Glaxosmithkline (GSK) (Refund to be paid)	(120,559.27)
TOTAL SURPLUS	<u>1,993,027.88</u>

The income statement is a true reflection of the income and expenditure as per the SAMRC's financial records.



MANDY SALOMO
 Office Manager
 SAMRC Event Management Office
 Date: 27 March 2020



PHILIP du PLESSIS
 Divisional Manager
 Project & Management Accounting Office
 Date: 27 March 2020

