

Towards the 2030 Schistosomiasis Control and Elimination Goals – Successes and Challenges

Date: 17-18 June 2024

Location: Radisson Blu Forest Manor Shanghai Hongqiao

Summary/Purpose of meeting

GSA and RNAS+ will co-host a schistosomiasis focused meeting at [the 7th Symposium on Surveillance-Response Systems Leading to Tropical Diseases Elimination](#). The aim of this meeting is to share progress on and innovations in schistosomiasis elimination as we work towards the 2030 WHO goals.

The SRS is an opportunity for the Global Schistosomiasis Alliance (GSA), the Institution-based Network on China-Africa Cooperation for Schistosomiasis Elimination (INCAS) and Regional Network on Asian Schistosomiasis and other Helminth Zoonoses (RNAS+) to collaborate and share lessons learnt and progress made to eliminate schistosomiasis and reach the WHO 2030 targets.

Day 1 - 17 June 2024 Afternoon

Time (CST)	Topic	Speaker
13:15	Meeting welcome	
13:15 - 13:20	Welcome and Housekeeping	Shizhu Li
13:20-13:30	Schistosomiasis Control and Elimination Goals – Successes and Challenges	David Rollinson

Progress Reports and Lessons Learnt

Chair: David Rollinson and Virak Khieu

13:30 - 14:00	Updates on global status of schistosomiasis elimination efforts.	Amadou Djirmay Garba
14:00 – 14:15	Impact on Schistosomiasis Snail Control and Spatial Cluster Change in Indonesia.	Helena Ulliyartha
14:15 - 14:30	Challenges in Elimination of Schistosomiasis in the Philippines	Lydia Leonardo
14:30 - 14:45	<i>S. mekongi</i> epidemiology status update (Cambodia and Laos)	Somphou Sayasone
14:45 – 15:00	Innovative Strategies in Surveillance-Response for Eliminating Schistosomiasis in the Africa Region	Pauline Mwinzi (recorded talk)
15:00 - 15:15	Tea Break	
15:15 - 15:30	Achievement in transmission interruption of schistosomiasis in China: Ready for elimination in 2028	Shizhu Li
15:30 - 15:45	Schistosomiasis in Brazil: Advances and Persistent Challenges	Ricardo Riccio
15:45 - 16:00	Africa-Japan cooperation, coordination and investments for NTDs	Hayato Urabe (recorded talk)
16:00 - 16:30	Round table discussion <ul style="list-style-type: none"> ● Suspected outbreaks - new challenges ● Confirmation surveys - emergence ● Standardization of methods - surveillance (<i>S. japonicum</i>, <i>S. mekongi</i> - humans and animals) ● Challenge of implementation of treatments 	
16:30 – 16:40	End of Day 1 wrap up	

Day 2 - 18 June 2024

Time (CST)	Topic	Speaker
8:30 - 8:45	Welcome Coffee and Teas	
8:45 - 8:50	Summary of Day 1	David Rollinson
Collaborations and Cooperations Chair: Lydia Leonardo and Amadou Garba		
08:50 - 09:05	Regional Network for Asian Schistosomiasis and Other Helminthic Zoonosis (RNAS+)	Xiaonong Zhou
09:05 - 09:20	Global Schistosomiasis Alliance - Working Together To Eliminate Schistosomiasis	Anouk Gouvras
09:20 - 09:35	Institutional based Network for the China-Africa Schistosomiasis Elimination (INCAS)	Yingjun Qian
09:35 - 09:45	South Korea - Supporting schistosomiasis programmes in Sudan and Eastern Africa countries.	Sung-Tae Hong
09:45 - 10:00	Programmatic challenges for schistosomiasis elimination and integration with other NTDs	Suzy Ossipow
10:05 - 10:20	Introduction to China-Swiss elimination of schistosomiasis in Laos and Cambodia.	Jing Xu
10:20 - 10:35	Discussion	
10:35 - 10:45	Morning Coffee and Tea Break	
Targeted interventions and elimination Chair: Shizhu Li and Johannes Waltz		
10:45 - 11:00	Zimbabwe Cooperation for schistosomiasis Elimination pilot study: Towards China Africa cooperation Initiative for Schistosomiasis Elimination	Nicholas Midzi
11:00 - 11:15	Cooperative study on schistosomiasis control and demonstration application in Zanzibar	Kun Yang

Time (CST)	Topic	Speaker
11:15 – 11:30	Eliminating <i>S. mekongi</i> – the final push	Catherine Gordon (recorded talk)
11:30 - 11:45	Cameroon - mapping & sub-district implementation	Louis-Albert Tchuem-Tchuenté
11:45 - 12:00	Moving beyond SCH and STH EPHP, IOT proof of concept: Ethiopia, Kenya, Rwanda, and Zimbabwe	Kalkidan Mekete Begashaw
12:00 – 12:15	Discussion	
12:15 - 13:15	Lunch	
Current and Future risks, integrations and cross-cutting approaches Chair: Suzy Ossipow and Anouk Gouvras		
13:15 - 13:30	Elimination of schistosomiasis in Sichuan mountainous regions and emerging challenges	Yang Liu
13:30 - 13:45	Philippines - China cooperation on engineering for the elimination of schistosomiasis	Lydia Leonardo
13:45 - 14:00	Female Genital Schistosomiasis burden, prevention and integration with sexual and reproductive health services	Ashley Preston
14:00 - 14:15	Crises and opportunities intertwined in time and space: the burden of Neglected Tropical Diseases in China from 2005 to 2020	Guojing Yang
14:15 - 14:30	Behaviour change and WASH - Magic Glasses for schistosomiasis - successes with STH in Philippines	Mary Lorraine Mationg
14:30 - 14:45	Discussion	
14:45 -15:00	Afternoon Coffee and Tea	
New tools /technology, machine learning, diagnostics Chair: Shan Lv and Xiaonong Zhou		
15:00 - 15:15	CRISPR technologies in schistosomes	Hong You
15:15 - 15:30	POC diagnostics for schistosomiasis	Pengfei Cai

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15:30 - 15:45	Machine Learning and Diagnosis of Schistosomiasis Japonica	Zhaoyu Guo
16:00 - 16:15	Chromosome-level genome assembly of <i>Oncomelania hupensis</i> : the intermediate snail host of <i>Schistosoma japonicum</i>	Qin Liu
16:30 - 16:45	WHO Snails Identification App	Amadou Garba
16:15 - 16:30	Environmental DNA Surveillance: Confirming interruption of schistosomiasis transmission in the Caribbean	Lee Willingham
16:45 - 17:00	Surveillance of zoonotic diseases and climate change: possible role of artificial Intelligence	Robert Berquist
17:00 - 17:15	Levo-praziquantel-40 Years of Research and Development	Mingxin Qian
17:15 - 17:30	Medicines - Drugs/Preclinical studies	Johannes Waltz
17:30 - 17:45	Round table discussion	
17:45 - 18:00	Wrap up and close of meeting	Shizhu Li & David Rollinson