

Objective:

Share members' experiences with the management of vaccine stockpiles; determining successes and challenges; identifying issues facing manufacturers in the management of stockpiles.

Outcomes:

Agreement on main challenges facing the management of vaccine stockpiles

Next steps: Development of case studies

Draft Agenda:

Day 1: Tuesday, 30 March 2021 (12.00-14.00pm CET)

12.00-12.05: Welcome (Lingjiang Yang)

12.05-12.25: Introduction to stockpiling (Steve Jarrett)

12.25-12.45: Oral cholera vaccine stockpile – presentation and Q&A (Rachel Park - Eubiologics)

12.45-13.05: Polio vaccine stockpile – presentation and Q&A (Taufik Wilmansyah - Bio Farma)

13.05-13.25: Meningitis and measles vaccine stockpiles – presentation and Q&A (Suresh Jadhav - Serum Institute of India)

13.25-13.55: Discussion

13.55-14.00: Summary (Lingjiang Yang)

Day 2: Wednesday 31 March 2021 (12.00-14.00pm CET)

12.00-12.05: Welcome (Lingjiang Yang)

12.05-12.20: Buffer stockpiles presentation and Q&A (KR Krishnamurthy - Bharat Biotech)

12.20-12.40: Yellow fever stockpile presentation and Q&A (Patricia Corrêa Santana - Bio Manguinhos)

12.40-13.10: Managing vaccine stockpiles (Hans Christiansen - UNICEF)

13.10-13.45: Discussion

13.45-13.55: Next Steps (Steve Jarrett)

13.55-14.00: Conclusion (Lingjiang Yang)

Guidance for manufacturers presenting:

- Present data on the throughput of vaccines from the stockpile (last 5 years)
- Clarify the contractual arrangements for keeping the stockpile
- Provide the lead time required for shipping the vaccine from order receipt
- Give details on the storage requirements of the stockpile and whether for bulk and/or finished product
- Indicate (if appropriate) fixed and operational costs of the stockpile
- Articulate the challenges faced in managing the stockpile
- Suggest ways stockpile management could be made more efficient

References:

1) Vaccines for epidemic infections and the role of CEPI:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5718831/>

2) Can vaccine stockpiles prevent the next pandemic?

<https://www.weforum.org/agenda/2017/01/can-vaccine-stockpiles-prevent-the-next-great-pandemic/>

3) The first use of the global oral cholera vaccine emergency stockpile: Lessons from South Sudan:

<https://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1001901>

4) Disease never sleeps: Yellow fever and the importance of vaccine stockpiles in emergency epidemic prevention:

<https://sitn.hms.harvard.edu/flash/2018/yellow-fever-importance-vaccine-stockpiles-emergency-epidemic-prevention/>

5) The development of global vaccine stockpiles:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4712379/>

6) Vaccine stockouts around the world: Are essential vaccines always available when needed needed?<https://www.researchgate.net/publication/315905974> Vaccine stockouts around the world Are essential vaccines always available when needed

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