Developing Countries Vaccine Manufacturers Network

Optimization of vaccines' manufacturing, containers and testing for global supply

DCVMN Regional Training Workshop
Hyderabad, 07 to10 May 2018

This workshop covers in-depth training on:

1) New trends in life sciences, immunology and manufacturing systems
2) Tools to improve primary containers' filling quality
3) New QC approaches for vaccines using in vitro based methods
4) Supply chain traceability: bar code and serialization tools.

Participants Profile
Who should attend: Research and development professionals, upstream and downstream process engineers, manufacturing technicians, QC and QA managers in the vaccine industry.

Expected outcomes
At the end of the workshop participants will be able to:
1) Apply best practices to your vaccine
2) Define new QC approaches to filling
3) Identify priorities for novel QC testing

Proposed AGENDA

DAY 1, Monday 7th May – Welcome and Introduction		
Schedule	**Topic**	**Speaker**
8:00-8:30	Registrations -	DCVMN
9h00 - 9h30	Welcome and Introduction	Host-BE
9h30 - 10h00	Updates on DCVMN professional activities on training and E-learning platform, regulatory activities and new partnerships.	DCVMN
10h00 -10h30	Coffee break	
10h30 - 11h30	New trends in Vaccine upstream processing	J. Castillo Univercells
11h30 - 12h30	"Effective Equipment Design & process control for efficient vaccine manufacturing"	D. Cardoso Biozeen
12h30 - 13h30	Lunch	
13h30 - 14h15	Future vaccine manufacturing technologies	Prof. Shattock Vaccine Hub
14h15 -15h15	New tools to improve vaccines' thermostability	Prof. Shattock Vaccine Hub
15h15 -15h45	Coffee break	
15h45 -16h45	Thermostability monitoring of vaccines for global supply	Ajit Tanhane Temptime
16h45 – 17h30	Q&A and discussion	All
18h00 – 19h00	Welcome reception	All participants

DAY2, Tuesday 8th May - Plenary session for all participants – Hosted by DCVMN at Radisson		
Time	Topic	Speaker
9h00 -9h45	The impact of training in accelerating molecules to market	U. Datta GEHC
9h45 – 10h30	Trends in Manufacturing of Sterile Medicinal Products by Filtration	M. Payne Merck Group
10h30 -10h45	Coffee break	
10h45 -11h45	Pharmaceutical water (PW and WFI) in stable quality – a crucial material for vaccine production	R. Roepenack Bosch
11h45 – 12h30	Modern trends in liquid filling technology	G. Hedge Bosch
12h30-13h30	Lunch	
Primary containers management - Plenary session for all participants Hosted by OMPI at Radisson		
Time	Topic	Speaker
13h30 -14h30	Selecting the primary containers to match F&F efficiency	M. Marrocco OMPI
14h30 -15h30	Overview of principles in sterile manufacturing and packaging of vaccines	M. Marrocco OMPI
15h30 -16h00	Coffee Break	
16h00 -17h00	Tools to monitor consistency: visual inspection and inspection technology – global, regional and national expectations	G. Baccinelli OMPI
17h00 – 17h30	Q&A	
17h30	Adjourn	

DAY 3, Wednesday 9th May, Hosted by DCVMN at Radisson New QC approaches for vaccines using in vitro based methods		
Schedule	**Topic**	**Speaker**
9h00 – 9h30	Future QC approaches for efficient vaccines quality control: global initiatives	C. von Hunolstein WHO Global NCL Network
9h30 – 10h00	Best Practices for the Use of International Standards in Vaccine Testing"	D. Wilkinson NIBSC
10h00 –10h30	"Consistency Approach" for quality control of established vaccines – The aP example	H. Depraeter EVI - Vac2Vac
10h30 - 10h45	Coffee break	
10h45 – 11h15	Regulatory perspectives on Rabies testing and PEI's experiences in the establishment of a serological assay	C. Goepfert PEI
11h15 - 11h45	Rabies NIH test replacement BSP 148 and the EDQM BSP activities	J-M. Chapsal EPAA/EDQM
11h45 – 12h45	The wP proposal	A. Sloots INTRAVACC
12h45 – 14h00	Lunch	
14h00 – 16h00	Vaccine specific working groups' discussions : aP, wP, rabies, others	All
16h00 – 16h30	Coffee break	
16h30 – 17h30	Plenary discussions – conclusion	

DAY4, Thursday 10 May – Supply Chain Integrity: Bar code & serialization Hosted by DCVMN at Radisson - Delivered by GS1		
Time	Topic	Speaker
9h00 - 10h00	Introduction to GS1 and GS1 Healthcare Usage of GS1 standards worldwide through regulation or customer requirements	A. Gard GS1
10h00 –10h30	Coffee Break	
10h30 –11h30	Identification & Marking of vaccines for international supply ✓ Identification ✓ Serialization ✓ Marking / Labelling ✓ Data Carriers	A. Gard GS1
11h30 –12h30	Small groups discussion on practical issues and challenges	Participants
12h30 –13h30	Lunch	
13h30 –15h30	Data sharing tools	A. Gard GS1
15h30 –16h00	Coffee Break	
16h00 –17h00	Presentation of groups and open discussion	Participants