World Health Organization

VIRTUAL cGMP TRAINING MARATHON FOR VACCINE MANUFACTURING:

Sustaining a GMP-compliant environment

The Local Production and Assistance Unit (LPA), WHO, is organizing this *Virtual cGMP Training Marathon for Vaccine Manufacturing* to further enhance vaccine manufacturers' technical knowledge and grasp of WHO cGMP standards to improve GMP implementation. Following the successful Virtual cGMP Training Marathon in 2020 and 2021, this training marathon will deliver in-depth content focusing on advanced concepts of selected GMP topics for vaccine manufacturing in Part 1. A newly designed Part 2 intends to fortify the training by applying pre-selected QRM tools to tackle real-life GMP scenarios through hands-on group work.

Topic Highlights

Part 1: 8 November to 1 December 2022
Tuesdays and Thursdays only, 13:00 - 15:30 CET (12:00 - 14:30 GMT)

- **Quality risk management implementation**
- **Key facility design aspects**
- **Environmental monitoring**
- **Upstream and downstream processes**
- **Process validation**
- **Aseptic process simulation (Media fill studies)**
- **Technology transfer**
- **cGMP deficiencies**

Part 2: 6, 7 and 8 December 2022
Hands-on group work, 13:00 - 15:30 CET (12:00 - 14:30 GMT)
*Limited to selected participants from Part 1, up to 40 people only

- **Quality risk management**
  2 case studies using Fishbone and FMEA tools

Target audience
Experienced technical staff working in Production, Quality Assurance, Validation, Engineering, and Quality Control of vaccine/biopharmaceutical manufacturing plants, particularly from the low- and middle-income countries (LMICs). Regulators and relevant government ministries/institutions are welcome.
**GMP prior knowledge is required*

Register
Registration of interest to participate in either Part 1 only or Part 1 and 2 is required. All registrations of interest will be reviewed and only selected registrants will receive a link for participation.
The deadline for registration is 2 November. Click here to register your interest to participate.

More information on this event including selection criteria for part 2 can be found here after 5 October

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