



TRAINING TOPICS FORM

Our training courses are based on learning by doing. This entails that the training courses are interactive and contain workshops, games, quizzes and practical modules.

Please click the appropriate boxes to indicate in which subjects you are interested.

GMP - General		
Topics	Content	Add
GMP general	• GMP introduction (+ workshop)	<input type="checkbox"/>
	• Regulations and guidelines (+ Quiz)	<input type="checkbox"/>
Quality Systems	• Deviations & CAPAs	<input type="checkbox"/>
	• Risk Management ICHQ9 (+ workshop)	<input type="checkbox"/>
	• Change control (only with risk management) (+ workshop)	<input type="checkbox"/>
	• Training system	<input type="checkbox"/>
	• Root cause investigations (+ workshop)	<input type="checkbox"/>
GMP Documentation	• Pharmaceutical documentation (general)	<input type="checkbox"/>
	• Data Integrity	<input type="checkbox"/>
	• Analytical documentation (+ workshop)	<input type="checkbox"/>
	• Following a work instruction (+ practice)	<input type="checkbox"/>
	• How to use a BR (+ practice)	<input type="checkbox"/>
	• Design a BR/SOP/WI (workshop)	<input type="checkbox"/>
	• Design a document flow (workshop)	<input type="checkbox"/>
	• Batch Record Review and disposition (QP)	<input type="checkbox"/>
Audits and Inspections	• Introduction to audits	<input type="checkbox"/>
	• Internal Audits (+workshop)	<input type="checkbox"/>
	• External audits	<input type="checkbox"/>
	• Audit techniques	<input type="checkbox"/>
	• Audit team & program	<input type="checkbox"/>
	• Execution of an audit	<input type="checkbox"/>
GDP	• Labelling	<input type="checkbox"/>
	• Leaflet & Packaging	<input type="checkbox"/>
	• Storage	<input type="checkbox"/>
	• Distribution	<input type="checkbox"/>
	• Warehouse	<input type="checkbox"/>



RA	• Drug Substance	<input type="checkbox"/>
	• Drug Product	<input type="checkbox"/>
	• Lot Release	<input type="checkbox"/>

Quality Control Laboratory		
QC Laboratory General	• Tasks of QC department	<input type="checkbox"/>
	• Test methods	<input type="checkbox"/>
	• OOS process (+ workshop)	<input type="checkbox"/>
	• Stability studies	<input type="checkbox"/>
	• Bill of Testing	<input type="checkbox"/>
	• Aseptic behaviour & gowning (+ workshop)	<input type="checkbox"/>
QC safety	• Chemical safety	<input type="checkbox"/>
	• Biosafety	<input type="checkbox"/>
	• Spill training (practice)	<input type="checkbox"/>
QC method lifecycle	• Method development	<input type="checkbox"/>
	• Method verification / qualification / validation	<input type="checkbox"/>
	• Method Transfer	<input type="checkbox"/>
	• Outsourcing & Vendor management	<input type="checkbox"/>
QC methods (analytical)	• pH (+ practice)	<input type="checkbox"/>
	• Conductivity (+ practice)	<input type="checkbox"/>
	• Osmolality (+ practice)	<input type="checkbox"/>
	• Growth promotion test	<input type="checkbox"/>
	• Microbiological identification techniques	<input type="checkbox"/>
	• Bioburden testing (+ demo)	<input type="checkbox"/>
	• Sterility testing (+ demo)	<input type="checkbox"/>
	• Endotoxin testing	<input type="checkbox"/>
	• Environmental monitoring (+ practice)	<input type="checkbox"/>
	• qPCR (+ practice)	<input type="checkbox"/>
	• Digital PCR (+ practice)	<input type="checkbox"/>
	• Flow cytometry (+ practice)	<input type="checkbox"/>
		<input type="checkbox"/>
QC equipment	• Pipetting basic course (2 hours) (+ practice)	<input type="checkbox"/>
	• Pipetting advanced course (1 day) (+ practice)	<input type="checkbox"/>
	• How to use a balance (practice)	<input type="checkbox"/>



Operations

Validation & Qualification	• Equipment lifecycle / Equipment qualification (+ workshop)	<input type="checkbox"/>
	• Process validation (+ workshop)	<input type="checkbox"/>
	• Media simulations (+ workshop)	<input type="checkbox"/>
	• Computerised system (GAMP 5) (+ workshop)	<input type="checkbox"/>
Contamination control	• Pharmaceutical microbiology and disinfection (+ workshop)	<input type="checkbox"/>
	• Cleaning & Sterilization (+ practice)	<input type="checkbox"/>
	• Environmental monitoring (+ workshop)	<input type="checkbox"/>
	• Cleaning a cleanroom (+ practice)	<input type="checkbox"/>
	• Annex 1; cleaning control strategy	<input type="checkbox"/>
Operations / Manufacturing Theoretical	• Cleanroom principles	<input type="checkbox"/>
	• Cleanroom behaviour & communication (+ workshop)	<input type="checkbox"/>
	• Gowning class D, C, B, A (+ practice)	<input type="checkbox"/>
	• Working in a BSC/LAF cabinet (+ practice)	<input type="checkbox"/>
	• Biotech production; the basics	<input type="checkbox"/>
	• Basic principles manufacturing process	<input type="checkbox"/>
	• Basic principles ATMP manufacturing	<input type="checkbox"/>
	• Basic principles mRNA manufacturing	<input type="checkbox"/>
	• Basic principles vaccine manufacturing	<input type="checkbox"/>
	• Basic principles viral vector	<input type="checkbox"/>
	• Starting materials & raw materials	<input type="checkbox"/>
	• Sterilisation methods	<input type="checkbox"/>
Manufacturing Equipment	• Biowelder (practice)	<input type="checkbox"/>
	• Sterile Connection Device (practice)	<input type="checkbox"/>
	• Automatic filling line (practice)	<input type="checkbox"/>
	• Manual filling pump (practice)	<input type="checkbox"/>
	• Autoclave (practice)	<input type="checkbox"/>
	• Particle counter (practice) (part of EM practice)	<input type="checkbox"/>
	• Microbiological Air Sampler (practice) (part of EM practice)	<input type="checkbox"/>
	• Filter tester (practice)	<input type="checkbox"/>
	• Cell counter (manual/nucleocounter/ViCell) (practice)	<input type="checkbox"/>
	• Bioreactor (30 L Stainless Steel)	<input type="checkbox"/>
	• Bioreactor Single-use (Wave-rocker or stirred tank reactor) (practice)	<input type="checkbox"/>
	• MVP – filtration (practice)	<input type="checkbox"/>
	• MVP – mediaprep (practice)	<input type="checkbox"/>
	• AKTA ready (practice)	<input type="checkbox"/>
	• Single-use mixer (practice)	<input type="checkbox"/>
	• Biosafety cabinet (practice)	<input type="checkbox"/>
	• qPCR	<input type="checkbox"/>
	• digital PCR	<input type="checkbox"/>
	• pH meter	<input type="checkbox"/>
	• Conductivity meter	<input type="checkbox"/>
	• Osmolality meter	<input type="checkbox"/>
	• Dyna select	<input type="checkbox"/>
	• Rotea	<input type="checkbox"/>
	• Balance	<input type="checkbox"/>
	• Pipettes (single -and multichannel, multipette)	<input type="checkbox"/>
	• Black & white panel & polarized light (visual inspection)	<input type="checkbox"/>
	• Isolator	<input type="checkbox"/>



Manufacturing general	• Cell banks	<input type="checkbox"/>
	• Cell culture & counting (+ practice)	<input type="checkbox"/>
	• Process control (+ workshop)	<input type="checkbox"/>
	• Buffer & media preparation (+ practice)	<input type="checkbox"/>
	• Fermentation (+ practice)	<input type="checkbox"/>
	• Aseptic filling: manual fill (+ practice)	<input type="checkbox"/>
	• Aseptic filling: using an automatic filling line (+ practice)	<input type="checkbox"/>
	• Visual inspection (+ practice)	<input type="checkbox"/>
	• Chromatography (+ practice)	<input type="checkbox"/>
	• Clarification (+ practice)	<input type="checkbox"/>
	• Filtration (+ practice)	<input type="checkbox"/>
	• Virus inactivation (+ workshop)	<input type="checkbox"/>
	• Viral clearance	<input type="checkbox"/>
	• Ultrafiltration & diafiltration (+ practice)	<input type="checkbox"/>
	• Lyophilisation (+workshop)	<input type="checkbox"/>
	• Working with disposables (+ practice)	<input type="checkbox"/>
Manufacturing ATMP	• Isolation (+ practice)	<input type="checkbox"/>
	• Concentration (+ practice)	<input type="checkbox"/>
	• Transfection (+ practice)	<input type="checkbox"/>
Process Development	• Critical aspects during production (CQA)	<input type="checkbox"/>
	• Extractables & Leachables	<input type="checkbox"/>
	• Scale up	<input type="checkbox"/>
Single-use technology	• Single use materials	<input type="checkbox"/>
	• Single use systems	<input type="checkbox"/>
Safety	• Biosafety	<input type="checkbox"/>
	• Chemical safety	<input type="checkbox"/>
	• Chemical spill training (+ practice)	<input type="checkbox"/>
	• Biological spill training (+ practice)	<input type="checkbox"/>
In-process control	• pH (+ practice)	<input type="checkbox"/>
	• Conductivity (+ practice)	<input type="checkbox"/>
	• Osmolality (+ practice)	<input type="checkbox"/>
Facility & Utilities	• From conceptual design to a qualified facility	<input type="checkbox"/>
	• Facility Lay out and classifications	<input type="checkbox"/>
	• HVAC system (+ demo)	<input type="checkbox"/>
	• Pharmaceutical Water (+ demo)	<input type="checkbox"/>



Research & Development

GMP in Pharmaceutical Development	• GMP during Research & Development (+ workshop)	<input type="checkbox"/>
	• The life cycle of a pharmaceutical product	<input type="checkbox"/>
	• The development process of a pharmaceutical product	<input type="checkbox"/>
	• Risk assessment (+ workshop)	<input type="checkbox"/>
	• Identifying specifications (+ workshop)	<input type="checkbox"/>
	• Legislation	<input type="checkbox"/>
	• Test methods and test validation	<input type="checkbox"/>
	• Validation process (+ workshop)	<input type="checkbox"/>
	• Investigational Medicinal Product (IMP): production, testing, release and transportation	<input type="checkbox"/>
Process Validation in Biopharmaceutical Production	• Basics of process validation and regulatory expectations	<input type="checkbox"/>
	• Validation step by step	<input type="checkbox"/>
	• Different types of process validation	<input type="checkbox"/>
	• Media simulations (+ workshop)	<input type="checkbox"/>
	• Validation documentation	<input type="checkbox"/>
	• Validation and risk assessment (+ workshop)	<input type="checkbox"/>
	• Control strategy	<input type="checkbox"/>
	• Performance monitoring, ongoing process verification	<input type="checkbox"/>
	• Clearance validation	<input type="checkbox"/>
	• Cleaning validation (+ workshop)	<input type="checkbox"/>
	• Validation of extractables and leachables	<input type="checkbox"/>
Technology Transfer	• Capabilities and culture of receiving company	<input type="checkbox"/>
	• Batch production records	<input type="checkbox"/>
	• Test procedures	<input type="checkbox"/>
	• Sampling plan (+ workshop)	<input type="checkbox"/>
	• Release specifications	<input type="checkbox"/>
	• Process implementation (CQAs and CPPs)	<input type="checkbox"/>
	• Change management	<input type="checkbox"/>
	• Transferring analytical method (+ workshop)	<input type="checkbox"/>
	• Transferring process from R&D to GMP (+ workshop)	<input type="checkbox"/>
	• External Tech Transfer	<input type="checkbox"/>

Educational Games

Games	• Pharma Mystery (QA)	<input type="checkbox"/>
	• Escape Room (Operations)	<input type="checkbox"/>
	• Escape Room (QC)	<input type="checkbox"/>
	• Lean Lab (Lean)	<input type="checkbox"/>
	• Pictionary (General GMP)	<input type="checkbox"/>
	• 30 seconds (General GMP)	<input type="checkbox"/>



Notes

DISCLAIMER: This document is used to give you an idea of what we can do for you. If you would like to have a certain topic trained which is not mentioned on the list, please let us know so we can check if this is something what lies within our capabilities.

