

## Speaker



### Roland Miksche

**MiRo Consulting, Vienna, Austria**

As a member of the Quality Assurance Department at Baxter Vienna, Roland Miksche was responsible for developing a Quality System for Computerized Systems Validation CSV and Data Integrity DI. For many globally deployed IT-Projects (LIMS, ERP, Serialization, EDMS, Change Management, etc.) he acted as Quality Representative for the area Central Europe (Baxter > Baxalta > Shire) before he accounted as global Validation Lead for the Electronic Batch Management EBM Solution at Shire. Currently he is working as consultant for different pharmaceutical companies (Berlin Chemie, BioNtech, CSL Behring, Jungbunzlauer, Roche, Takeda, Nordmark, Juno Therapeutics, ...).

# Excel in the GxP-regulated Environment



Live Online Training on  
16 September 2026, 09.30 - 14.30 h CEST



## Highlights

- Regulatory, technical and data integrity requirements
- Lifecycle approach according to GAMP 5
- Classification (criticality and complexity)
- Developer qualification
- Procedure for use and operation
- Protection and access management
- Maintenance and changes
- Backup, disaster recovery, business continuity



With Q&A sessions, practical examples and exercises

## Objectives

This Live Online Training aims to give participants a comprehensive overview of regulatory, technical and data integrity requirements for using Excel spreadsheets in a regulated GxP-environment. The translation of regulatory requirements into a lean and compliant approach will be demonstrated. Practical examples, exercises (including polling questions) and Q&A sessions ensure interaction and that all questions are answered.

## Background

Excel is widely used in laboratories, in production as well as in quality departments in both larger and smaller companies for GxP-relevant applications. The easy-to-use spreadsheets allow making calculations, selections and colourful presentations in a very convenient way.

Quite often, numerous risks with regard to data integrity result from the diverse, flexible and sometimes very complex application possibilities. If Excel is used in a GxP-regulated environment for quality-relevant tasks, regulatory and data integrity requirements must be met. Files and calculations should be secured in such a way that formulas cannot be accidentally overwritten, templates cannot be changed or deleted, and that traceability of input, processing and output is trustworthy. Furthermore, accidental input of inappropriate data types should be prevented. However, controls are quite often inadequate and this may result in compliance risks. Such Excel applications may easily come into focus during authority inspections.

## Target Audience

This Live Online Training course is aimed at all those responsible for Excel applications in various departments (e.g. quality control, quality management, production, IT). It will be of interest in particular for personnel from the following industries:

- Pharmaceutical companies
- API manufacturer
- GLP Laboratories
- other companies working according to GxP

It is also aimed at employees of medical device manufacturers as well as of universities and research institutions who, for regulatory reasons, have to use Excel in a GxP-compliant way.

## Moderator

Dr Markus Funk

## Programme

### Regulatory and Data Integrity Requirements

- Overview of regulatory and data integrity requirements
- ALCOA+
- Industry standard (GAMP 5)
- Findings for spreadsheets

### Application of Requirements (including Exercises)

- Lifecycle approach according to GAMP 5
- Intended use (user requirements)
- Inventory
- Classification (criticality and complexity)
- Areas of usage (e.g. quality control, manufacturing)
- Developer qualification
- Design (operations, data flows, functional and design specification)
- Installation and qualification (build, test plan and report)
- Formal release
- Procedure for use and operation (SOP)
- Procedure for system administration
- Decommissioning
- Practical examples

### Technical Solutions

- Central services (terminal server, data server)
- Protection, access management
- Data validation, user guidance
- Name manager
- Coding standards
- Maintenance, changes (template cycle)
- Backup, disaster recovery, business continuity
- IT support

### Questions and Answers Sessions



## Date of the Live Online Training

Wednesday, 16 September 2026  
09.30 - 14:30 h CEST

## Technical Requirements

We use Webex for our live online training courses and webinars. At [www.gmp-compliance.org/training/online-training-technical-information](http://www.gmp-compliance.org/training/online-training-technical-information) you will find all the information you need to participate in our events and you can check if your system meets the necessary requirements to participate. If the installation of browser extensions is not possible due to your rights in the IT system, please contact your IT department. Webex is a standard nowadays and the necessary installation is fast and easy.

## Fees (per delegate, plus VAT)

ECA Members EUR 690

APIC Members EUR 740

Non-ECA Members EUR 790

EU GMP Inspectorates EUR 690

The conference fee is payable in advance after receipt of invoice.

## Presentations/Certificate

The presentations will be made available to you prior to the Live Online Training as PDF files. After the event, you will automatically receive your certificate of participation.

## Conference language

The official conference language will be English.

## You cannot attend the Live Event?

We also offer many of the training courses and conferences as recordings. This means that you can watch the videos of the event „on demand“ – whenever it suits you – on our web server. It is quite uncomplicated and doesn't require any software – you simply watch the video on your browser. You can find all recorded events at [www.gmp-compliance.org/recordings](http://www.gmp-compliance.org/recordings).

## Organisation and Contact

ECA has entrusted Concept Heidelberg with the organisation of this event.

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## Registration

By e-mail or search and register directly at [www.gmp-compliance.org](http://www.gmp-compliance.org) under the number 22236.

