



## Speakers



Marieke van Dalen  
Aspen Oss B.V., The Netherlands



Cristina Jimenez Sala  
Centrient Pharmaceuticals, Spain



Andrea Melloni  
European Directorate for the Quality  
of Medicines (EDQM & Health Care),  
France



Dr Wilhelm Schlumbohm  
Berlin, Germany

# Global Registration and Life Cycle Management of APIs

23 – 25 April 2024 | Barcelona, Spain



Get first- hand information on the implementation status of the new CEP 2.0 and how to use a CEP in marketing authorization application.

*Contents of the regulatory information in the ASMF and CEP*

## Highlights

- Dossier Requirements for the Drug Substance
- Requirements for the Certificate of Suitability
- Drug Substance - Setting Specifications
- Synthesis derived Impurities, Genotoxic Impurities, Elemental Impurities and Residual Solvents
- Stability Data
- How to read and use a CEP / Implementation of CEP 2.0
- Choice and Justification of the API Starting Material in a Submission
- Variations/Changes and Life Cycle Management: in the EU, US and Rest of the World
- Registration Procedures in the US, Japan and in Emerging Countries
- Regulatory Procedures in Brazil and China

## Three Workshops

- Stability Studies and Establishing the Retest Date
- Description of the Manufacturing Process
- Top 10 Deficiencies in new Applications for Certificates of Suitability for Chemical Purity

## Objectives

This education course is intended to provide guidance on the format, content and submission procedures for the pharmaceutical documentation of the quality of the drug substance for different types of dossiers, the CTD, the CEP and the European ASMF. In this context the consequences of the guidelines on Elemental Impurities (ICH Q3D (R1)) and genotoxic impurities (ICH M7) will be considered. Furthermore, the impact of the variations regulations will be discussed.

Participants will have the opportunity to take part in 3 workshops:

- Stability studies and establishing a retest date
- Description of the manufacturing process
- Top ten deficiencies in new applications for Certificates of Suitability for chemical purity

## Background

In Europe there are several ways to document the quality of the drug substance for the purpose of marketing authorisation:

- Certificate of Suitability of the pharmacopoeial monograph (CEP)
- Full details of manufacture (according to CTD Module 3 Quality of Drug Substance)
- European Active Substance Master File (ASMF; former Drug Master File, DMF)
- Other evidence of suitability of the pharmacopoeial monograph

In the US, the quality of the drug substance can be documented as part of the CMC Dossier or in a US-DMF.

## Target Audience

The education course is designed for all persons involved in the compilation of pharmaceutical dossiers for marketing authorisations who want to become familiar with the different ways to document the quality of the drug substance for the purpose of marketing authorisation in Europe. Furthermore, the course will be of interest to personnel from Quality Units of the medicinal products and the API industry.

## Social Event



On the evening of the first day you are cordially invited to a social event. This is an excellent opportunity to share your experiences with colleagues from other companies in a relaxed atmosphere.

## Programme

### Dossier Requirements for the Drug Substance – An Introduction

---

- Chemical pharmaceutical documentation for active substance(s) – Regulatory requirements in EU and USA
- Types of active substances – types of documentation
- CTD Module 3, CEP and ASMF
- CEP for a substance for TSE risk assessment

### Requirements for the Certificate of Suitability to the European Pharmacopoeia

---

- CEP Procedure: legal framework, the role, place and scope
- How the CEP procedure works for new CEPs
- Basic principles for maintaining the CEP: administrative, minor and major changes, renewal of CEPs
- Key figures and how to communicate with EDQM

### The European Active Substance Master File Procedure

---

- Regulatory background and scope
- The revised European ASMF guideline
- Applicants' and restricted parts - points to consider
- Questions & answers on the ASMF procedure
- Recent European developments: Sharing of assessment reports, data bases ...

### Pharmaceutical Impurities: Residual Solvents, Synthesis-derived and Genotoxic and Elemental Impurities

---

- CPMP-/ICH-Guidelines on Impurities and Residual Solvents
- ICH M7 Guideline on genotoxic impurities
- ICH Q3D(R1) Guideline on elemental impurities
- Specifying impurities
- Classifying solvents, setting and proving limits
- Justification of specification

### Stability Data

---

- CPMP/ICH Guidelines
- Stability Summary and conclusions, stability commitment
- Documentation of Stability Data
- Necessity for documentation of raw data?

### How to read and use a CEP / Implementation of CEP 2.0

---

- How to interpret information laid down on CEP-practical examples
- Project CEP 2.0: What has changed and what are the benefits?
- CEP holders' responsibilities towards their customers
- How to use a CEP in marketing authorization application

## API Regulatory Starting Materials: How to Defend their Choice in a Submission

- Why is this such a hot topic
- What guidelines to consider
- How to define a suitable starting material
- How to defend your choice in the submission
- What is different for generics
- Consequences of a redefinition

## Comparison of the CEP and DMF Procedure

- Advantages of the CEP procedure
- Handling Changes
- In which countries is the CEP being accepted?
- Cost considerations
- Practical examples

## Registration Procedures in the US and Japan – what are the Differences?

- Overview of the procedures
- Specifics for US and Japan

## The EDQM Inspection Programme

- How does the EDQM inspection procedure work
- EDQM GMP Assessment tools: On-site inspections, documentation-based GMP Assessment and Real Time Remote Inspections (RTEMIS)
- Inspection facts and figures

- Stability Studies and Establishing the Retest Date
  - *Cristina Jimenez Sala*
- Description of the Manufacturing Process
  - *Dr Wilhelm Schlumbohm*
- Top ten Deficiencies in new Applications for Certificates of Suitability for Chemical Purity
  - *Andrea Melloni*

**i** Important: In order to prepare the lectures and the workshops in an optimal way, please send your questions to special topics to Ms Anne Günster, [guenster@concept-heidelberg.de](mailto:guenster@concept-heidelberg.de). She will forward your questions to the responsible speaker. Thank you in advance for your cooperation.

## Registration Requirements for APIs in Emerging Countries

- General remarks on API registrations in Emerging Countries
- Details of API registration in:
  - Taiwan
  - India
  - CIS countries: Russia, Belarus, Ukraine
  - GCC countries
- APIC Emerging Countries Interest Group

## Regulatory Procedures in Brazil and China

- Overview of the procedures
- Specifics for Brazil and China
- Experiences

## Variations/Changes and Life Cycle Management: in the EU, US and Rest of the World

- Types and categories of API changes
- EU: the variation regulation and CEP revisions
- Handling API changes in the US
- Handling API changes in Japan
- Handling API changes outside these regions
- Initiatives to facilitate changes

## Speakers

### Marieke van Dalen, Aspen Oss B.V., The Netherlands

Ms van Dalen is the global regulatory specialist in the regulatory group dedicated to APIs, with over 35 years of experience in the regulatory field. She is a board member of APIC, the European API Industry organization, and she actively participates and/or (co-)chairs in a number of task forces. She frequently represents APIC in meetings and conferences organized by EMA, EDQM, CPhI etc.

### Cristina Jimenez Sala, Centrient Pharmaceuticals, Spain

Ms Jiménez is a pharmacist and holds a master's degree in Pharmaceutical Industry. She has been working on different regulatory affairs positions dedicated to the life cycle management of the dossiers for final dosage forms and active principle ingredients for internal and external customers. Additionally, she was also involved in registration procedures for different type of medical devices and in vitro diagnostic products. The last years she was specially focused on managing documentation for sterile APIs registered all over the world, including FDA, EDQM, Korea, Taiwan, India, Singapore and South Africa among others.

### Andrea Melloni, Certification of Substances Department, European Directorate for the Quality of Medicines and Healthcare (EDQM), France

Mr Melloni has a master's degree in industrial pharmacy (PharmD) from the University of Ferrara, Italy. Since 2020, he has been a Certification of Suitability (CEP) assessor in the Certification of Substances Department at the EDQM. The assessment of chemical and sterile CEP applications falls under the responsibility of his section. Andrea is member of the Technical Advisory Board (TAB) for chemical substances from October 2023. His past work experience includes being a global regulatory affairs specialist in a facility producing chemical, biological and sterile active pharmaceutical ingredients (APIs) and working in a quality control laboratory. He has 10 years' experience in pharmaceutical regulatory affairs, including submissions of drug master files worldwide.

### Dr Wilhelm Schlumbohm, Berlin, Germany

Dr Schlumbohm worked 30 years with German drug licensing authorities. He was an expert for the Certification Procedure of the European Pharmacopoeia and a member of the TAB for several years. He was also a member of the ASMF working group, and the CVMP co-opted member for quality. He is a pharmacist, holds a Ph D in biochemistry, and is further qualified as pharmacist for drug information and for public health.

If the bill-to-address deviates from the specifications on the right, please fill out here:

---

---

---

---

Reservation Form (Please complete in full)

## Global Registration and Life Cycle Management of APIs 23 – 25 April 2024, Barcelona, Spain

Title, first name, surname

Department

Company

Important: Please indicate your company's VAT ID Number

Purchase Order Number, if applicable

CONCEPT HEIDELBERG

P.O. Box 101764

Fax +49 (0) 62 21/84 44 34

D-69007 Heidelberg

GERMANY

City

ZIP Code

Country

Phone / Fax

E-Mail (Please fill in)

### General terms and conditions

If you cannot attend the conference you have two options:

1. We are happy to welcome a substitute colleague at any time.
2. If you have to cancel entirely, we must charge the following processing fees:
  - Cancellation until 4 weeks prior to the conference 10 %,
  - Cancellation until 3 weeks prior to the conference 25 %,
  - Cancellation until 2 weeks prior to the conference 50 %,
  - Cancellation within 2 weeks prior to the conference 100 %.

CONCEPT HEIDELBERG reserves the right to change the materials, instructors, or speakers without notice or to cancel an event. If the event must be cancelled, registrants will be notified as soon as possible and will receive a full refund of fees paid. CONCEPT HEIDELBERG will not be responsible for discount airfare penalties or other costs incurred due to a cancellation.

Terms of payment: Payable without deductions within 10 days after receipt of invoice. Important: This is a binding registration and above fees are due in case of cancellation or non-appearance. If you cannot take part, you have to inform

us in writing. The cancellation fee will then be calculated according to the point of time at which we receive your message. In case you do not appear at the event without having informed us, you will have to pay the full registration fee, even if you have not made the payment yet. Only after we have received your payment, you are entitled to participate in the conference (receipt of payment will not be confirmed): (As of January 2012).

German law shall apply. Court of jurisdiction is Heidelberg.

Privacy Policy: By registering for this event, I accept the processing of my Personal Data. Concept Heidelberg will use my data for the processing of this order, for which I hereby declare to agree that my personal data is stored and processed. Concept Heidelberg will only send me information in relation with this order or similar ones. My personal data will not be disclosed to third parties (see also the privacy policy at <https://www.gmp-compliance.org/privacy-policy>). I note that I can ask for the modification, correction or deletion of my data at any time via the contact form on this website.

## Date

Tuesday, 23 April 2024, 09.00 – 17.30 h

(Registration and coffee 08.30 – 09.00 h)

Wednesday, 24 April 2024, 08.30 – 18.00 h

Thursday, 25 April 2024, 09.00 – 14.30 h

All times mentioned are CEST.

## Venue

Barceló Sants Hotel

Plaça dels Països Catalans, s/n

08014 Barcelona, Spain

Phone +34 (93) 503 53 00

Email [sants@barcelo.com](mailto:sants@barcelo.com)

## Fees (per delegate, plus VAT)

ECA Members € 2,090

APIC Members € 2,190

Non-ECA Members € 2,290

EU GMP Inspectorates € 1,145

The fee is payable in advance after receipt of invoice and includes social event on the first day, lunch on all three days and all refreshments. VAT is reclaimable.

## Accommodation

CONCEPT HEIDELBERG has reserved a limited number of rooms in the conference hotel. You will receive a room reservation form/ POG when you have registered for the course. Reservation should be made directly with the hotel. Early reservation is recommended.

## Registration

Via the attached reservation form, by e-mail or by fax message. Or you register online at [www.gmp-compliance.org](http://www.gmp-compliance.org).

## Conference language

The official conference language will be English.

## Presentations/Certificate

The presentations for this event will be available for you to download and print before and after the event. Please note that no printed materials will be handed out on site and that there will not be any opportunity to print the presentations on site. After the event, you will automatically receive your certificate of participation.

## Organisation and Contact

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

CONCEPT HEIDELBERG

P.O. Box 10 17 64

D-69007 Heidelberg

Telefon +49(0) 62 21/84 44-0

Telefax +49(0) 62 21/84 44 34

[info@concept-heidelberg.de](mailto:info@concept-heidelberg.de)

[www.concept-heidelberg.com](http://www.concept-heidelberg.com)

For questions regarding content please contact:

Ms Anne Günster (Operations Director) at  
+49(0)62 21/84 44 50, or per e-mail at  
[guenster@concept-heidelberg.de](mailto:guenster@concept-heidelberg.de).

For questions regarding organisation etc. please contact:

Ms Marion Grimm (Organisation Manager) at  
+49(0)62 21/84 44 18, or per e-mail at  
[marion.grimm@concept-heidelberg.de](mailto:marion.grimm@concept-heidelberg.de).