Consulting Services for Pharmaceutical & Biotech Industries Validation / GXP / Quality / Project / Interim Management

### Services Provided by Aquene & Olaf Kasemann Consulting GmbH

### **Project Management Services:**

- Project Management
- Project Execution Planning
- Schedule Development
- Fast Track Validation/Qualification Scheduling

### **Interim Management Services:**

- Interim Department/Team Management
  - (Sterile Fill & Finishing, Compounding, USP & DSP, small molecules & large molecules/biotech & vaccines)
  - Validation and Qualification Department/Teams
  - Quality Assurance Department/Teams
  - Manufacturing Department/Teams
  - Process and Plant Engineering Department/Teams

#### **GXP-Compliance Services:**

- Business/GMP Process Analysis
- · Process Development and Improvement
- Documentation Structure Analysis, Development and Update
- Standard Operation Procedure, Generation and Update Services
- Quality Manuals, Contamination Control Strategies, Generation and Update Service
- Support on EU/FDA Requirements and Expectations Assessments
- GXP Training & Workshops

### **Validation Services:**

- Process Validation
- Cleaning Validation
- Analytical and Sampling Method Validation
- Qualification of Equipment & Utilities
- Commissioning of Equipment
- · Re-validation and Re-qualification
- Verification & Validation
- Traceability Matrices and Risk Analysis
- · Validation Documentation, Reviews, Reports, and Summaries
- GAP Assessments

### **Quality Assurance Services:**

- Q-Systems Reviews, Development, and Optimization
- Validation Master Plans, Generation and Update Service
- Risk Assessments (GXP, Raw Material, Process, Cleaning, Utilities, Equipment, etc.)
- Virus Safety Assessments
- Process Safety Assessments
- Procedures and Documentation, Review and Upgrade Service
- Audit Preparation & Support
- Auditing Services

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Consulting Services for Pharmaceutical & Biotech Industries Validation / GXP / Quality / Project / Interim Management

Hetzendorfer Straße 128 1120 Vienna

Austria

**Consulting Services for Pharmaceutical & Biotech Industries** Validation / GXP / Quality / Project / Interim Management

### **Curriculum Vitae**

Personal Data:

Name: Dipl.-Ing. Dr. Olaf Kasemann

Company Address: Hetzendorfer Straße 128

1120 Vienna/Austria

Mobil: +43 / 699 / 11 53 10 11 E-Mail: office@olafkasemann.com Date of Birth/Nationality: 09.07.1965 / German

### Occupations and Expertise:

since October 2004 Validation / GXP / Quality / Project Consulting & Interim Management

General Manager

**Executive Consultant and Project Manager** 

Consulting GmbH (for Details see Reference List)

Jan. 2002 - Sept. 2004 Head Validation Department, Quality Operation

> Process Validation, Cleaning Validation, Method Validation, Validation of Aseptic Filling Processes, Down-Scale Validation Definition of Requirements for Validation Documentation, Development of Validation Master Plans, Risk Assessments and corresponding further documentation

> Qualification of Production Equipment, Utilities, Critical Systems (HVAC, WFI, PW, CS, CA), Computer Systems, Analytical Equipment

Project Management / Manager of Validation and Qualification Tasks in various Upgrade and GMP-Projects

Project Management of Technology Transfer- und Registration Projects, Writing of corresponding documents

Interface Function to Departments of the Major Facilities

Budget Responsibility of approx. 1.000.000,- € (Cost Center & Projects)

Management of 10 Employees & Consultants

July 1997 - Dec. 2001 **Head Process Validation** 

> Development of Process Validation Concept for Vienna Facility, Establishment of Statistical Process Control (SPC)

Management of Cleaning Validation

Establishment of harmonized production processes at the Vienna facility and major production facilities

Management of Technology Transfer und Registration Projects, Development of corresponding documentation

Interface Function to Departments of the Major Facilities (Regulatory Affairs, Process Evaluation and Validation, Manufacturing, Virus Validation, Down Scale Validation)

Project Manager of "FVIII Products, Batch Enlargement Project" (Budget 850.000,-€)

Project Manager "Technology Transfer Sub-Fractionation Immunoglobulines"

1999-2001 Substitutional Head of Production according to Austrian Drug Law (AMG), responsible for quality assuring measures within production department

Budget Responsibility 170.000,- €

Management of 2 Employees

**Assistant Head of Production** April 1993 - June 1997

> Production Manager, Production and final packaging of granulates, tablets and coated tablets, sterile und non-sterile ointments, sterile und non-sterile solutions und suspensions, approx. 40 employees

Main Responsibility for sterile Products (Liquida & Ointments)

Management of Technology Transfer Projects

Responsible for Contract Manufacturing and Auditing, Production

Waldheim Pharmazeutika

**GmbH** 

Aquene & Olaf Kasemann

**ZLB Behring** (Aventis Behring

**Aventis Behring** 

GmbH (Centeon Pharma GmbH)

GmbH)

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### Aquene & Olaf Kasemann Consulting GmbH

Consulting Services for Pharmaceutical & Biotech Industries Validation / GXP / Quality / Project / Interim Management

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mobile: e-mail:

+43 / (0)699 / 11 53 10 11 office@olafkasemann.com company reg. code (FN): 273639 k ATU62280846

date: 3rd April 2025

**Consulting Services for Pharmaceutical & Biotech Industries** Validation / GXP / Quality / Project / Interim Management

- Auditing of Production by Authorities und Contractors

Sept. 1989 - Dec. 1989 Junior Scientific Officer

- Evaluation of Sampling Errors and Homogeneity of Standards of the

AQCS-Program Analytical Testing of AQCS-Standards

**Education:** 

Jan. 1990 - March 1993 **Doctorate Study / Organic Chemistry Technical** 

University Vienna

Sept. 1984 - June 1989 Diploma Study / Organic Chemistry Technical University Vienna

Further Skills and Certificates:

Languages Skills: German, native speaker

English, fluently

Standard Office - very good user skills EDV-Skills:

(Word, Excel, Access, Power Point, MS Project, Visio, Concept Draw)

Windows/OS 10 - standard user skills

Software User-Skills: Trackwise, MasterControl, Veeva/Quality Docs, SAP, Power BI,

Thingworx, ValGenesis, etc.

**Further Training:** 

1995 GMP-compliant Documentation in the pharmaceutical production C. Heidelberg 1996 Supply Chain Management in the pharmaceutical industry C. Heidelberg 1997 Current aspects of Cleaning and Disinfection in the pharmaceutical C. Heidelberg

1998 Technology Transfer in the Pharmaceutical Industry & Workshop: IIR, London

Achieving success in Technology Transfer by Working through a Simulated

Project

Austrian Res. Management and Coaching of Employees

Center C. Heidelberg

1999 Statistical Tools in manufacturing, quality control and quality assurance

in the pharmaceutical industry

Time and Task Management

Hernstein Inst. 2002 Aventis Behring Manager Advantage (Business Acumen, Social Styles for Wilson Learning

Manager, Managing Conflict, Coaching for Performance, Negotiation

Project Management

2003 "Fish" - an unusual Motivation Seminar

FDA & the Current Challenges of GMP's - Europe

Conference Statistical Tools for Method Validation Novia

2009

2010 Method Validation

Personal Interests:

2001

- Classic Music Fencing (Epee, Foil)

Individual Traveling

Reading

Vienna, 3rd April 2025

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IAEA, United

Nations Vienna

Hernstein Inst.

Pharma

Novia

Aquene & Olaf Kasemann Consulting GmbH

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Consulting Services for Pharmaceutical & Biotech Industries Validation / GXP / Quality / Project / Interim Management

### Projects and References Aquene & Olaf Kasemann Consulting GmbH

#### **Projects and References:**

Production Support Project, Sterile Filling (Therapeut.) March 2024 - ongoing Ferring Germany GmbH, Kiel, Germany Manufacturing, EU & US requirements - Filling Process Risk Assessment Process Inventory and Flow Diagrams (Define Standard & Execute) New/Updated Document Structure GXP Update Support, Review & Update Service Quality Assurance Project, Sterile Filling & Visual Inspection (Therapeut.) July 2023 - ongoing Ferring Germany GmbH, Kiel, Germany Quality Assurance, EU & US requirements Establishing Particle Contamination Control Strategy Standardize Particle Incident Risk Assessment & Escalation Schemes Risk Assessments for Particulate Contamination Pathways Analyze and Optimize Sites overall Trending Concept Ouality Assurance Project, USP & DSP, Biotech (mAb) Feb. 2022 - June 2023 WuXi Biologics Germany GmbH, Wuppertal, Germany Quality Assurance, EU & US requirements - Interim Head QA Operations (USP & DSP, 6 FTE) Qualification Compliance (Utilities, USP & DSP Process Equipment, CSV, QC, Clean Rooms) QA Operations & Engineering Support, Setup of GXP compliant **Processes and Documentation** Manufacturing Project, Comp. & Sterile Filling, Biotech (Vaccines) Sept. 2021 - Jan. 2022 WuXi Biologics Germany GmbH, Leverkusen, Germany Technical Operations, EU & US requirements Interim Head Technical Operations (Comp. & Filling, 80 FTE) Production Planning (Material Mgt, Batch Docu, Comp. & Filling & VI/Packaging) Jul. 2021 - Sept. 2021 Quality Support Project, USP & DSP, Biotech (mAb, Vaccines) WuXi Biologics Germany GmbH, Wuppertal, Germany Quality Unit, EU & US requirements - Risk Assessment Cross Contamination - QA Support Qualification & Validation Compliance Quality Support Project, Comp. & Sterile Filling, Biotech (Vaccines) Mar. 2020 - Aug. 2021 WuXi Biologics Germany GmbH, Leverkusen, Germany Quality Unit, EU & US requirements - QA Support Qualification Validation Compliance - Project Support Process & Documentation - Audit/Inspection Preparation (QRAs, CCS, APS-report, etc.) C & Q Support Project, Sterile Compounding Facility (Small Molecules) Aug. 2020 - Feb. 2021 Akorn AG, Hettlingen, Swizerland Qualification & Validation Unit, EU & US requirements - Coordination, Planning and Performing of C & Q Tasks

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Aguene & Olaf

Kasemann Consulting GmbH

### Aquene & Olaf Kasemann Consulting GmbH

Consulting Services for Pharmaceutical & Biotech Industries Validation / GXP / Quality / Project / Interim Management

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- Qual & Val Documentation, Generation & Review

company reg. code (FN): 273639 k uid: ATU62280846

Consulting Services for Pharmaceutical & Biotech Industries Validation / GXP / Quality / Project / Interim Management

<b>Projects</b>	and Ref	ferences:
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Mar. 2019 - Dec. 2019

Quality and MFG Project, Comp. & Sterile Filling (Small Molecules)

Recipharm/Wasserburger Arzneimittelwerke GmbH, Wasserburg, Ger.

Quality Unit, Manufacturing Depart., EU & US requirements

- QA Operations Support, Batch Record Reviews & GMP-Assessments & Closure of Deviations
- QA Systems Support, Assessment Qualification (Fill & Finishing, Packaging) & Deviation Management
- Manufacturing Support, Update of Master Batch Records, Closure of Deviations & CAPAs

Sept. 2017 - Feb. 2019

Capacity Expansion Project, Comp & Sterile Filling, Biotech (Therapeut.), Bayer AG, Leverkusen, Germany

Quality Assurance Biotech Department, EU & US requirements

- QA Project Support, Commissioning & Qualification (Compounding plant, Auxiliary Equipment, Small Equipment)
- Validation-, Qualification- & GMP-Compliance
- Cleaning Validation Support

July 2017 - Aug. 2017

Manufacturing Project, Logistic & Distribution (Small Molecules)

Linz, Austria

Documentation, EU & US requirements

- Generation of Transport Validation Protocol and Report

Jan. 2017 - June 2017

Manufacturing Project, Comp & Sterile Filling (Small Molecules) BIPSO GmbH, Singen, Germany

Compounding & Sterile Filling, EU & US requirements

- Interim Head Sterile Production, Line Function (Comp. and Filling)
- Full Budget and Personnel Responsibility (4.2 Mio € & 150 FTE)

Dec. 2016 - Jan. 2017

Virus Safety Project, Cell Culture Plant, Biotech (Therapeut.)

Novartis AG, Basel, Switzerland

Virus Safety Concept, EU & US requirements

 Evaluation & Assessment of the Virus Safety Concept of the Cell Culture plant

Feb. 2016 - Dec. 2016

Manufacturing Project, Comp & Sterile Filling (Small Molecules)

BIPSO GmbH, Singen, Germany

Compounding & Sterile Filling, EU & US requirements

- GXP Support (DRs, CAPAs, CCAs), SOP Updates, Training
- FDA Preparation Team Lead, Summaries and Presentations for Audit

Feb 2016

Area Concept in API Production, Support Project (API Mfg)

Boehringer Ingelheim International GmbH, Ingelheim, Germany

Documentation, EU & US requirements

- Generation of Interim Transition Report

Dec. 2015 - Sep. 2016

Process Validation Project (Therapeutic Proteins)

CSL Behring GmbH, Marburg, Germany
Documentation, EU & US requirements

- Generation of Process Val., Stability and Impurity Profiling Reports

Dec. 2015

Laboratory Relocation Project (Diagostica)
Bavarian Nordic GmbH, Munich, Germany
Documentation, EU & US requirements

- Generation of Project Validation Master Plan
- Relocation Impact Risk Assessment

Nov. 2015 - Feb. 2016

Virus Safety Project, Cell Culture Plant, Biotech (Therapeut.)

Sandoz GmbH, Schaftenau, Austria

Virus Safety Concept, EU & US requirements

 Document and Summarize the Virus Safety Concept of the Cell Culture Plant for Authority Presentation & Submission

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### Aquene & Olaf Kasemann Consulting GmbH

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Consulting Services for Pharmaceutical & Biotech Industries Validation / GXP / Quality / Project / Interim Management

Public of Processing		
Projects and Reference Nov. 2014 - Oct. 2015	Engineering Project, Biotech Plant (Vaccines)  Dynavax GmbH, Düsseldorf, Germany	
	Recombinant Vaccines, EU & US requirements	
	- Interim Head Preventive Maintenance, Corrective Maintenance, Calibration Group	
	- Engineering Line Function, Work & Personnel Management	
	- Project Management & GMP-Support (CAPAs, DRs, CCAs)	
May 2015 - June 2015	Process Validation Project (Therapeutic Proteins) CSL Behring GmbH, Marburg, Germany	
	Documentation, EU & US requirements	
	- Generation of Process Validation and Impurity Profiling Reports	
Feb. 2015 - July 2015	Conditioning Concept Closed Equipment, Support Project (API Mfg)  Boehringer Ingelheim International GmbH, Ingelheim, Germany	
	Documentation, EU & US requirements	
	<ul> <li>Summary of a Concept for Conditioning of Closed Equipment in API Production</li> </ul>	
Jan. 2015 - Mar. 2015	Process Validation Project (Therapeutic Proteins) CSL Behring GmbH, Marburg, Germany	
	Documentation, EU & US requirements	
	- Generation of Process Validation and Impurity Profiling Reports	
Oct. 2014	Process Validation & Cleaning Validation Project (Small Molecules) Linz, Austria	
	Documentation, EU & US requirements	
	<ul> <li>Generation of Submission Summaries for Process Validation &amp; Cleaning Validation Projects</li> </ul>	
May 2014 - Sep. 2014	Area Concept in API Production, Support Project (API Mfg)  Boehringer Ingelheim International GmbH, Ingelheim, Germany	
	Documentation, EU & US requirements	
	- Generation of an Evaluation and Change Over Master Plan	
Nov. 2013 - Feb. 2014	Particulate Contamination in APIs, Support Project (API Mfg) Boehringer Ingelheim International GmbH, Ingelheim, Germany	
	Documentation, EU & US requirements	
	- Docu. of Concept in regard to Particulate Contamination in APIs	
	<ul> <li>Generation of Final Report for FMEA Risk Assessment for Particulate Contamination in APIs</li> </ul>	
May 2013 - Feb. 2014	Process Validation Project (Therapeutic Proteins) CSL Behring GmbH, Marburg, Germany	
	Documentation, EU & US requirements	
	<ul> <li>Generation of Process Validation, Cleaning Validation, and Impurity Profiling Reports</li> </ul>	
Nov. 2013 - Jan. 2014	Process Validation & Cleaning Validation Project (Small Molecules) Linz, Austria	
	Documentation, EU & US requirements	
	- Generation of Submission Summaries for Process Validation & Cleaning Validation Projects	
Sept. 2013 - Dec. 2013	Process Validation Project, Cell Culture Plant (Therapeutic P.) Sandoz GmbH, Schaftenau, Austria	
	Raw Material Risk Assessment, EU & US requirements	
	- Conceptual design and Generation of Raw Material Risk Assessment	
July 2013 - Aug. 2013	Manufacturing Project, Biotech Plant (Vaccines)  Dynavax GmbH, Düsseldorf, Germany	

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### **Aquene & Olaf Kasemann Consulting GmbH**

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Recombinant Vaccines, EU & US requirements

- CCA Performance Qualification (Docu., Management & Report)

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**Consulting Services for Pharmaceutical & Biotech Industries** Validation / GXP / Quality / Project / Interim Management

Projects and References:		
Feb. 2013 - Apr. 2013	Process Validation Project, Cell Culture Plant, Biotech (Therapeutic P.) Sandoz GmbH, Schaftenau, Austria	
	Virus & Scale Down Validation Report, EU & US requirements	
	- Generation of Process Virus & Scale Down Validation Report	
Nov. 2012 - May 2013	Manufacturing Project, Biotech Plant (Vaccines) Dynavax GmbH, Düsseldorf, Germany Recombinant Vaccines, EU & US requirements  - Interim Head Manufacturing, Line Function, Work & Personnel Management  - Validation & Qualification Responsibility, Concept & Documentation	
	- Project Management & GMP-Support, Product & Process Risk Ass.	
Dec. 2012 - Feb. 2013	QC & QA Support Project, Cell Culture Plant, Biotech (Therapeutic P.) Sandoz GmbH, Schaftenau, Austria Stability Report, EU & US requirements - Generation of Stability Report	
Sept. 2012	Risk Assessment Project, Cell Culture Plant, Biotech (Therapeutic P.) Sandoz GmbH, Schaftenau, Austria Cross Contamination, EU & US requirements - Generation of Risk Assessment in regard to Cross Contamination	
Nov. 2011 - Sept. 2012	Process Validation Project, Parenteral Products (Cytostatic D., Small M.) Sandoz GmbH, Unterach am Attasee, Austria Parenteral Products, EU & US requirements - Process Validation, Concepts & Requirements, Support - Sterile Filter Validation, Concept & Documentation Support - Generation of Process Validation Protocols & Reports - Execution of Process Validation Projects	
Jan. 2011 - Oct. 2011	Site Expansion Project (Small Molecules) Intervet GesmbH (MSD Tiergesundheit), Vienna, Austria Quality Assurance Department, EU & US requirements - QA Project Support, Review and Revision of Quality Systems, Documentation, Processes and Procedures - Validation Master Plan, Validation Project Plan - Validation-, Qualification- & GMP-Compliance	
Oct. 2010	IMPD Submission Project Support Soldan Regulatory Consultancy, Biedenkopf, Germany Biotech Product, US requirements - Review & Summary Method Validation, IMPD-Submission	
Sept. 2009 - Dec. 2010	Business Process Optimization Project (Therapeutic Proteins) Biotest AG, Frankfurt, Germany Quality Control Department	
	<ul> <li>Business Process Optimization, Quality Control Department:</li> <li>Evaluation, Analysis, Action Plan, Implementation, and Follow up</li> </ul>	
Feb. 2009 & Mar. 2009	Process Validation Project Support (Therapeutic Proteins) Biotest Pharmaceuticals Corp, Boca Raton, USA	

Product Downstream, US requirements

- Review and Assessment of Process Validation Documentation, Concept and Requirements Support

Regulatory Project Support( Therapeutic Proteins) Biotest AG, Frankfurt, Germany

Downstream & Filling Processes, EU & US requirements

- Review & Assessment of Final Reports for Submission, Qualification & Validation Documentation

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### **Aquene & Olaf Kasemann Consulting GmbH**

Consulting Services for Pharmaceutical & Biotech Industries Validation / GXP / Quality / Project / Interim Management

Hetzendorfer Straße 128 1120 Vienna Austria

July 2008 - Dec. 2008

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Consulting Services for Pharmaceutical & Biotech Industries Validation / GXP / Quality / Project / Interim Management

### **Projects and References:**

Mar. 2007 - Dec. 2010

cGMP - FDA, EU Compliance Project (Therapeutic Proteins)
Biotest AG, Frankfurt, Germany

### QC, Downstream & Filling Processes, EU & US requirements

- FDA-Compliance Upgrade in Quality Control Unit
- Project Management Support, Sub-Project Manager QC
- Review and Assessment of Quality Systems, Documentation, Processes and Procedures
- Validation / Verification Quality System Definition, Establishment, Documentation and Performance Support
- Qualification Analytical Equipment, Documentation, Performance and Performance Support
- Raw Material Testing, Specification and Testing Documentation
- Review and Update of Testing Procedures for Final Products
- Method Validation for Row Material and Final Product Testing
- Bioburden Control Strategy, Concept and Requirements Support
- Cleaning Validation, Concept and Requirements Support
- Internal Audits (QC Laboratories, LSO Recall-Process)

Nov. 2007 - May 2009

### Cleaning Validation Project (Small Molecules)

Intervet GesmbH (MSD Tiergesundheit), Vienna, Austria

### Solida Production, EU & US requirements

- Cleaning Validation Concept and Documentation
- Analytical and Swab Sampling Method Validation
- Project Management Support, Sub-Project Manager CV

Apr. 2006 - Dec. 2006

GMP Support Project: Production Plant and Utilities (Vaccines) Zeta GmbH, Vienna, Austria

### Downstream Processing, Utilities, EU & US requirements

- Project Management of Commissioning and Qualification Tasks
- Risk Assessment GMP, Product, Environment, Health and Safety
- FAT, SAT, Qualification Documentation
- Deviation Management: System Definition and Management

Dez. 2005 - July 2006

### Process Validation Project, Lyophilization (Therapeutic Proteins) CSL Behring GmbH, Marburg, Germany

### Lyophilization, EU & US requirements

- Process Validation Concept and Requirements Support
- Generation of Process Validation Plans & Reports for Authority Submission

Oct. 2005 - Dec. 2005

### Qualification Project: Packaging Machine (Small Molecules) Intervet GesmbH (MSD Tiergesundheit), Vienna, Austria

### Solida Production, EU & US requirements

- Qualification Concept and Docu., Performance and Final Report
- Review and Assessment of Vendor Documentation

Oct. 2005 - Nov. 2005

### De-Bottlenecking Project, Biotech

### Roche Pharma AG, Basel, Switzerland

- Assessment of potential Yield Improvement Capabilities in regard to Regulatory and Inventory Impact, Business Risk and Phasing
- Estimation of Costs and Benefits

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### Aquene & Olaf Kasemann Consulting GmbH

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### **Projects and References:**

June 2005 - Dec. 2005

June 2005

Contract Filler Technology Transfer Project, Biotech (Therapeutic P.) Delta Biotechnology Limited, Nottingham, GB

Aseptic Contract Filling, EU & US requirements

- Technology Transfer of Aseptic Filling Process
- On Site Project Management Support
- Establishment of Compliant Process Documentation
- Review and Assessment of Qualification and Validation Docu.
- Review of Quality Systems, Evaluation of general GXP-Compliance

Documentation Review Project: Granulation Equipment (Small Molecules) Intervet GesmbH (MSD Tiergesundheit), Vienna, Austria

Solida Production, EU & US requirements

- Review and Assessment of Vendor Documentation, GAP Analysis

Cleaning Validation Project (Small Molecules) Oct. 2004 - Feb .2007

Intervet GesmbH (MSD Tiergesundheit), Vienna, Austria

Solida Production, EU & US requirements

- Project Management, Project Manager
- Cleaning Validation Concept and Documentation
- Analytical and Swab Sampling Method Validation

Oct. 2004 & Nov. 2004 FDA Pre Approval Inspection Support Project (Therapeutic Proteins) Delta Biotechnology Limited, Nottingham, GB

API-Manufacturing and Filling, EU & US requirements

- Audit Preparation & Support (FDA PAI)
- General GXP-Compliance Status
- Review of Quality Systems

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Consulting Services for Pharmaceutical & Biotech Industries Validation / GXP / Quality / Project / Interim Management