

# Curriculum Vitae

PD Dr. phil. nat. Andrea Allmendinger

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[andrea.allmendinger@pharmazie.uni-freiburg.de](mailto:andrea.allmendinger@pharmazie.uni-freiburg.de)



Andrea Allmendinger

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## PROFESSIONAL EXPERIENCE

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11/2021 – present      **CSO (Chief Scientific Officer) at ten23 health, Basel, Switzerland**

[ten23 health](#)

Managing scientific research operations and innovation portfolio performing impactful scientific research with a focus on technical development of parenteral dosage forms; ten23 is a mid-sized pharmaceutical CDMO focused on parenteral, mostly biological dosage forms

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04/2021 – present

**Adjunct Professor, Group leader, and Lecturer at the Albert-Ludwigs-Universität Freiburg, Germany**

[AG Allmendinger  
Uni Freiburg](#)

– Department Pharmaceutical Technology and Biopharmacy

(Eugen-Graetz  
price 2023)

Pharmaceutics, Quality management for Pharmaceuticals, Regulatory affairs and drug development in Pharmaceutical Industry, Erasmus+ departmental coordinator

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10/2013 - 12/2020

**Principal Scientist & Group Leader in 'Pharmaceutical & Processing Development' Biologics, F. Hoffmann-La Roche, Basel, Switzerland**

- Pharmaceutical project leader for parenteral clinical Phase I-III projects incl. formulation & process development for parenteral applied molecules (monoclonal antibodies, bispecific antibodies, oligonucleotides, small molecules) supporting regulatory filings
    - IV/ SC / IVT + intrathecal parenteral application; liquid/lyophilisate
    - Pre-filled syringe and High volume Enabling Device
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- Technical transfer projects for parenteral products between internal commercial manufacturing sites and external CMOs incl. process optimization, characterization, and validation of lyophilization process (monoclonal antibody, antibody-drug conjugates, small molecules)
- Global pharmaceutical development representative for
  - 3 years from Entry-into-Human to Launch initiative
  - Device Team for silicon-free syringes
  - Industry-academia LyoHub consortium
- Leading a global strategy team for innovation projects for Formulation/ Excipients across Basel, San Francisco, and Penzberg sites
- Establishing and leading a team of scientists for Surfactant, Particle, and Excipient strategy in Pharmaceutical Development

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05/2010 - 10/2010	Postgraduate education as a pharmacist in 'Early-stage formulation development' Biologics, <b>Hoffmann-La Roche</b> , Basel, Switzerland
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10/2009 - 04/2010	Postgraduate education as a pharmacist at <b>Hof-Apotheke, Heidelberg</b> , Germany
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03/2007	Internship at <b>Abbott Ludwigshafen</b> , Germany (Quality control of biologics)
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08/2006	Internship at <b>Sicherer'schen Apotheke Heilbronn</b> , Germany
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03/2006	Internship at <b>St. Vincent's Hospital Melbourne</b> , Australia

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## ACADEMIC EDUCATION AND EXPERIENCE

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03/2021 - present	<b>Editor-in-Chief</b> of ' <a href="#">AAPS open</a> ' (American Association of Pharmaceutical Scientists), published by <b>SpringerNature</b> , New York, US
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02/2021 - present	<b>Member of the editorial advisory board</b> ' <a href="#">Journal of Pharmaceutical Sciences</a> ' (IF 3.1, published by Elsevier)
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11/2020 - present	<b>Member of the editorial advisory board</b> ' <a href="#">Pharmaceutical Research</a> ' (IF 4.9, published by <b>SpringerNature</b> )

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10/2021	<b>Habilitation and <i>venia legendi</i></b> (Pharmaceutical Technology and Biopharmacy) at the <b>Albert-Ludwigs-Universität Freiburg</b> , Germany
10/2015 – 10/2021	<b>Habilitation candidate</b> at the <b>Albert-Ludwigs-Universität Freiburg</b> , Germany – Department Pharmaceutical Technology and Biopharmacy  <b>Lecturer</b> for Bachelor and Master students (e.g., Arzneiformenlehre, Qualitätssicherung von Arzneimitteln, Klinische Pharmazie, Regulatory affairs and drug development in Pharmaceutical Industry)
2017 - 2021	<b>PDA (Parenteral Drug Association</b> , Berlin, Germany) trainer for freeze-drying
02/2011 - 10/2014	<b>PhD</b> in Pharmaceutical Technology, <b>University of Basel</b> (Prof. Huwyler), Switzerland, in cooperation with <b>Hoffmann-La Roche</b> , Basel, Switzerland, on 'Rheological investigation of manufacturability and injectability of highly concentrated mAb formulations'
12/2010	<b>Approbation</b> as a German Pharmacist
10/2005 - 10/2009	<b>Pharmacy student</b> at <b>University of Heidelberg</b> , Germany, Institute of Pharmacy and Molecular Biotechnology
06/2009 - 09/2009	<b>ERASMUS</b> semester at the <b>University College London</b> , UK, (Pharmaceutical and Biological Chemistry, Prof. Tasdemir)
03/2008	Internship <b>Research Group Prof. Mall</b> , <b>University of Heidelberg</b> , Germany, on chronic respiratory diseases investigated in a mouse model
03/2006 - 10/2009	<b>Scholarship</b> holder of the German National Academic Foundation (Studienstiftung des Deutschen Volkes)
2002 - 2005	<b>Music young student</b> at the <b>University of Music Karlsruhe</b> , Germany, with major subject Violin (class Prof. N. Erlich)
1996 - 2005	<b>A-LEVELS</b> Justinus-Kerner-Gymnasium Heilbronn, Germany