

SUMMARY

Scientist and project lead combining structured project coordination, people leadership, clear communication, and strong quality awareness. Experienced in establishing SOP and documentation standards, running day-to-day lab operations, and managing budgets, resources, and stakeholders in international environments. Ready to bring this skill set into quality and process-focused roles in biotech or pharma.

CONTACT

- 📍 Aachen, Germany
- ✉️ Lea.M.Wiesner@gmail.com
- LinkedIn: [lea-m-wiesner](#)
- Google Scholar

SKILLS

Empowering: Team leadership | Lab operations | Resource planning | Budget ownership | Procurement coordination | Facilitation | Presentations

Structured: Project coordination | Process optimisation | Stakeholder management | Prioritisation | MS Office

Quality-driven: Quality assurance | SOPs | GMP fundamentals | Documentation | Reporting | Laboratory standards

Analytical: Data analysis | Process analysis | Problem solving | Technical writing | Digital mindset

LANGUAGES

English: Fluent (C1)

German: Native

LEA MARIA WIESNER

Dr.-Ing. Previously Steinbeck

EDUCATION

Ph.D. (Dr.-Ing.), summa cum laude | 06/2020 – 04/2025
in Chemical Process Engineering, RWTH Aachen University
Dissertation: *Tailoring the Characteristics of Complex-Shaped Microgels*

- Developed microfluidic fabrication methods for novel hydrogels
- Established structured workflows, documentation, and SOP standards
- Published 6 peer-reviewed papers and presented them at conferences

Master of Science, Grade: 1.3 with distinction | 04/2018 – 03/2020
in Molecular and Applied Biotechnology, RWTH Aachen University

Bachelor of Science, Grade: 1.4 | 09/2014 – 03/2018
in Molecular and Applied Biotechnology, RWTH Aachen University

PROFESSIONAL EXPERIENCE

Postdoc (international) | 03/2025 – 06/2025
UVA – University of Virginia (USA), *Griffin Lab* (Biomedical Engineering)

- Worked in an international academic team
- Conducted independent research in tissue engineering

Research Associate & Project Lead | 06/2020 – 06/2025
RWTH Aachen University, *Chair of Chemical Process Engineering*

- Led a DFG-funded project (4 years, €100,000 annual budget), including timeline, resource, and budget planning
- Managed an industry collaboration (1.5 years)
- Led a project group of 6 Ph.D. candidates within the *Trigger/NK* project (1 year)
- Coordinated a research group (20 Ph.D. candidates, 1.5 years)
- Organised and coordinated daily lab operations for around 10 active users, including equipment ownership and sample management (5 years)
- Line-managed more than 40 students
- Supported and delivered university teaching (4 years)
- Managed around 3–5 projects in parallel and prioritised tasks efficiently
- Coordinated internal and external project stakeholders

Student Assistant | 03/2018 – 02/2020

DWI – Leibniz Institute for Interactive Materials

- Gained practical experience in interdisciplinary laboratory environments
- Conducted microfluidic experiments and cell culture work

ADDITIONAL QUALIFICATIONS

Certifications: GMP Specialist, Six Sigma Green Belt

Trainings: Communication & Team Development, Leadership

Engagement: *TANDEMdok* mentoring programme, *iGEM* research competition