





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

Dr.-Ing. **LEA MARIA WIESNER**

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 *TriggerINK* 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