

SUMMARY

Scientist and project lead combining structured project coordination, people leadership, clear communication, and strong quality awareness. Experienced in establishing SOP and documentation standards, coordinating day-to-day laboratory operations, and managing budgets, resources, and stakeholders in international environments. Experience particularly relevant to quality- and process-focused roles as well as team management in biotech or pharma.

CONTACT

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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

PROFESSIONAL EXPERIENCE

Postdoctoral Researcher | 03/2025 – 06/2025

UVA – University of Virginia (USA), *Griffin Lab*, Biomedical Engineering

- Worked in an international biomedical engineering environment
- 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) with responsibility for timeline, resource, and budget planning
- Managed an industry collaboration (1.5 years) and coordinated internal and external stakeholders
- Led a project group of 6 PhD researchers within the *TriggerINK* project (1 year)
- Coordinated a research group of 20 PhD researchers (1.5 years)
- Organised and coordinated daily lab operations for around 10 active users, including equipment oversight and sample management (5 years)
- Line-managed more than 40 students
- Supported and delivered university teaching (4 years)
- Managed 3–5 parallel projects and set priorities efficiently
- Introduced structured processes and documentation practices in the team

Student Assistant | 03/2018 – 02/2020

DWI – Leibniz Institute for Interactive Materials

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

EDUCATION

PhD (Dr.-Ing.), *summa cum laude* | 06/2020 – 04/2025

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 findings at conferences

Master of Science, *Grade: 1.3 with distinction* | 04/2018 – 03/2020

Molecular and Applied Biotechnology, RWTH Aachen University

Bachelor of Science, *Grade: 1.4* | 09/2014 – 03/2018

Molecular and Applied Biotechnology, RWTH Aachen University

ADDITIONAL QUALIFICATIONS

Certificates: GMP, Six Sigma Green Belt

Trainings: Communication & Team Development, Leadership

Engagement: *TANDEM*dok mentoring programme, *iGEM* research competition