

# Curriculum vitae

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## Degrees

**Bachelor's degree in chemistry**, Stockholm University, 1995-1999.

**Ph. Licentiate in Cell and Molecular Biology**, Karolinska Institute, 2000-2004.

**Licensed Biomedical Scientist**, Karolinska Institute, Stockholm 2009-2011. The education included the human body function and dysfunction, laboratory diagnosis in immunology, hematology, clinical chemistry and microbiology.

## Courses

**Graduate courses at Karolinska Institute**, 2000-2004: How to write a scientific paper 1p, Proteomics 3p, Pedagogy 1p, Medical statistics 1p, Medical information retrieval 1p, Medical information technology 1p, Philosophy of science 1p.

**GMP-courses at Biovitrum AB**, one day 2005 and one day 2007: Documenting according to GMP, Quality assurance and Deviation handling.

**Environmental basic educations**: courses at Biovitrum AB, Stockholm 2005 and at Clinical Microbiology at Karolinska University Hospital in Huddinge 2011.

## Current occupation

Own business in translation of texts from English to Swedish with software SDL trados. My specialist fields include medicine, pharmacy, cell and molecular biology, biochemistry and microbiology.

I translate all kinds of texts such as drug information, package leaflets, biochemical kit manuals for different analyses, manuals and guides for medical and laboratory equipment and scientific texts for books, homepages and articles.

## Previous relevant work experience

### Biomedical Scientist

2011-03-22 – 2017-04-30: Clinical Microbiology, Karolinska University Hospital in Huddinge.

- Implemented and was responsible for a mass spectrometry method to identify microbial species.
- Wrote the method description, instructions, routines, quality and validation documents for the mass spectrometry method.
- Designed the method procedures, quality system, routines and instrument maintenance to approve the method for delivery of data to customers.
- Trained and implemented approximately 50 colleagues on the method theory, procedures and instrument handling.
- Routine work with patient samples with tasks such as bacterial cultivation, bacterial antibiotic resistance analysis and sterile work handling according to quality regulations.
- Was involved in several research projects in the field of mass spectrometry analysis of bacterial species. The work included project about bacterial species that are difficult to distinguish with the ordinary method setup.

### Biomedical Scientist

Huddinge 2016-08-22 – 2016-10-25: Department of Laboratory Medicine at Karolinska Institute

Designed a method for cultivation of eukaryotic cells and a western blot for visual quantification of tight junction proteins. The method was summarized in a protocol. Tutored master student in the methodology ELISA.

### Analytical Scientist

2005-05 – 2008-06: Biovitrum, Analytical sciences, Stockholm

I have worked in a pharmaceutical project from toxicological phase to preparation for phase III with the following:

- Writing of reports in English and Swedish.
- Designed and wrote SOP (standard operating procedure) for a number of methods.
- Protein characterization.
- Stability studies.

- Qualification for phase III of spectrophotometric concentration analysis including linearity, repeatability, intermediate precision, robustness and carry over. Statistical calculations in Excel and writing of standard operating procedure (SOP) with acceptance criteria and reporting of result with 95% confidence interval.
- Method development: Enzyme activity with Soft Max evaluation, SE-HPLC, spectrophotometric concentration analysis, Native PAGE, 2D-PAGE, SDS-PAGE with fluorescent staining and quantification using Quantity one and Image master, western blot with fluorescent respectively ECL conjugated secondary antibodies.
- Analysis of samples at process development.
- GMP-analyses at release of drug substance and handling of deviations.
- Presented results in English and Swedish.
- Implemented colleagues on methods.

## Academic Teacher

2000–2004: Södertörn University, Huddinge

Worked 20% as teacher with responsibility for laboratory courses in chemistry for biologists.

Responsible for approving laboratory reports. The teaching comprised enzyme kinetics, isolation and quantification of DNA, isolation and analysis of specific organelles. Lectured on protein targeting.

## Publications

Novel approach reveals localization and assembly pathway of the PsbS and PsbW proteins into the photosystem II dimer. FEBS Lett. 2002 Feb 27;513(2-3):217-22.

Comparison of MALDI-TOF MS and VITEK 2 system for laboratory diagnosis of Granulicatella and Abiotrophia species causing invasive infections. Diagn Microbiol Infect Dis. 2013 Nov;77(3):216-9.

Microbiological diagnosis of Eggerella lenta blood culture isolates in a Swedish tertiary hospital: Rapid identification and antimicrobial susceptibility profile. Anaerobe. 2016 Apr; 38:21-4.