



Curriculum Vitae

Personal information **Veronica Fridh**

Work experience

1. Employer: **Swedish Medical Products Agency**

- Start date: Jan 2024
- End date: Present
- Position: Pharmaceutical quality assessor
- Activities: Pharmaceutical quality assessor (biotechnology)
- Country: Sweden

2. Employer: **Cytiva** (formerly GE Life Sciences)

- Start date: Aug 2013
- End date: Jan 2024
- Position: Global Product Manager (2019-2024), Scientist (2013-2019)
- Activities: Global product manager for Biacore systems. Product development, launch and support of Biacore instruments and software. Customer training and application support regarding protein interaction analysis using Surface Plasmon Resonance (SPR).
- Country: Sweden

3. Employer: **MRC Technology** (now LifeArc)

- Start date: Jan 2011
- End date: May 2013
- Position: Scientist
- Activities: Biophysical analysis and protein purification within drug discovery projects.
- Country: UK

4. Employer: **ABS Laboraties LTD** (now ACM Bioanalytical Services)

- Start date: Oct 2004
- End date: Sep 2005
- Position: Bioanalyst
- Activities: Bioanalysis of clinical samples

- Country: UK

5. Employer: **Affibody AB**

- ◦ Start date: Sep 2002
- End date: May 2004
- Position: Research Engineer
- Activities: Expression and purification of recombinant proteins
- Country: Sweden

Education and training

Degree: **PhD** in Structural and Molecular Biology

- ◦ Start date: Sep 2005
- End date: Oct 2010
- PhD thesis conducted at The National Institute for Medical Research (now part of the Francis Crick Institute):
“Biochemical and Biophysical Characterisation of an intramolecular CARD-CARD Interaction in NOD2”.
- Institution: University College London
- Country: UK

Degree: **Master of Science** in Biotechnology

- ◦ Start date: Aug 1997
- End date: Feb 2002
- Master thesis at Karo Bio AB: *“Development of a cell based assay to measure cholesterol efflux in THP-1 cells”*
- Institution: Umeå University
- Country: Sweden

Additional information

- Publications** Karlsson R, **Fridh V**, Frostell Å. Surrogate potency assays: Comparison of binding profiles complements dose response curves for unambiguous assessment of relative potencies. *J Pharm Anal.* 2018 Apr;8(2):138-146.
- Rechlin C, Scheer F, Terwesten F, Wulsdorf T, Pol E, **Fridh V**, Toth P, Diederich WE, Heine A, Klebe G. Price for Opening the Transient Specificity Pocket in Human Aldose Reductase upon Ligand Binding: Structural, Thermodynamic, Kinetic, and Computational Analysis. *ACS Chem Biol.* 2017 May 19;12(5):1397-1415.
- Cramer J, Krimmer SG, **Fridh V**, Wulsdorf T, Karlsson R, Heine A, Klebe G. Elucidating the Origin of Long Residence Time Binding for Inhibitors of the Metalloprotease Thermolysin. *ACS Chem Biol.* 2017 Jan 20;12(1):225-233.
- Krimmer SG, Cramer J, Betz M, **Fridh V**, Karlsson R, Heine A, Klebe G. Rational Design of Thermodynamic and Kinetic Binding Profiles by

Optimizing Surface Water Networks Coating Protein-Bound Ligands. J Med Chem. 2016 Dec 8;59(23):10530-10548.

Fridh, V and Rittinger, K. The tandem CARDs of NOD2: intramolecular interactions and recognition of RIP2. PLoS One. 2012; 7(3):e34375.

Projects

Memberships

Other Relevant Information

Expertise in protein interaction analysis using Surface Plasmon Resonance (SPR).