



## Education

### College/University:

2002-2005 University of Lübeck, B.Sc. in Molecular Life Science

2006-2008 University of Lübeck, M.Sc. in Molecular Life Science

### Highest degree:

M.Sc. in Molecular Life Science

### Major Subjects:

Molecular virology

### First name:

**Annika**

### Last name:

**Kühl**

### Date of birth:

15.02.1983

### Country:

Germany

### E-mail:

Kuehl.annika@mh-hannover.der

### Supervisor:

**Prof. G. Behrens (Clinic for Immunology and Rheumatology)**

**Prof. S. Pöhlmann (Virology)**

### Projects/Research:

CAML, Tetherin and Vpu: Molecular studies and clinical relevance of a new potential therapeutic target in HIV-infection.

### Scientific Interests and Goals:

I am fascinated by how such tiny species as viruses manage to escape our immune system. Because HIV is one of the experts in escaping the cellular defense mechanisms I choose this extraordinary interesting project to elucidate the mechanism of how vpu targets the recently discovered host restriction factors CAML and tetherin.

### Hobbies and other interests:

Horseback riding, photography, traveling, languages

### Publications:

Boxhammer S, Glaser S, **Kühl A**, Wagner AK, Schmidt CL. Characterization of a recombinant Rieske [2Fe-2S] proteins HcaC and YeaW from *E.coli*. Biometals. 2008 Aug. 21(4):459-467.

Mamat U, Meredith TC, Aggarwal P, **Kühl A**, Kirchhoff P, Lindner B, A Hanuszkiewicz A, Sun J, Holst O, Woodard RW. Single amino acid substitutions in either YhjD or MsbA confer viability to viability to 3-deoxy-d-manno-oct-2ulosonic acid-depleted Escherichia coli. Mol Microbiol. 2008 Feb. 67(3):633-648.