

**Education****College/University:**

2002 - 2007 Tech. Univ. Braunschweig, Diploma „Biology“

Highest degree:

Diploma in Biology

Major Subjects:

Plant and Cell Biology

Projects/Research:

Regulation of RNA export and translation in retroviruses: the interplay of quality control and processing signals

Scientific Interests and Goals:

To deepen my acquired knowledge about regulated gene expression in the post genome era using viruses as tools I would like to work on virological aspects of regulation of gene expression and corresponding technologies in a well established network of basic and clinical research in close proximity.

Hobbies and other interests:

playing piano, volleyball

Publications:

Melhorn V, Matsumi K, Koiwai H, Ikegami K, Okamoto M, Nambara E, Bittner F, Koshiba T. (2008): Transient expression of AtNCED3 and AAO3 genes in guard cells causes stomatal closure in *Vicia faba*. *J Plant Res.*, Jan;121(1):125-31.

Zychlinski D, Erkelenz S, **Melhorn V**, Schaal H, Baum C, Bohne J (2008): Interplay of secondary structure and limited pairing to U1 snRNA results in dual attenuation of a retroviral 5' splice site. Submitted.

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