

**Department and function:**

Institute for Virology; Group leader (Cell & Virus Genetics)

Education:

2002 PhD in Biology (Virology), University Heidelberg

Positions:

2003-2006: Postdoc at the department of Experimental Hematology (MHH), Co-leader of the vector team

2007-recent: Group leader at the Institute for Virology

First name:

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Major research interests:

Retroviral gene expression on the RNA level

Mutations in cellular genes, which affect RNA processing

RNA expression in complex DNA viruses

Selected Publications:

Bohne J*, Schambach A, Zychlinski D. A new way of regulating alternative splicing in retroviruses: the promoter makes a difference. *Journal of Virology*. 2007 Apr 1;81(7):3652-6. Epub 2007 Jan 17. *Corresponding author.

Kraunus J, Zychlinski D, Heise T, Galla M, **Bohne J***, Baum C*. Murine leukemia virus regulates alternative splicing through sequences upstream of the 5' splice site. *Journal of Biological Chemistry*. 2006 Dec 8; 281 (49):3 ;281(49):37381-90. Epub 2006 Oct 11. *Co-corresponding authors.

Modlich U*, **Bohne J***, Schmidt M, v. Kalle C, Knöß S, Schambach A, Baum C. New cell culture assays reveal reduced insertional genotoxicity of self-inactivating retroviral vectors. *Blood*. 2006 Oct 15;108(8):2545-53. Epub 2006 Jul 6. *Joint first author.

Schambach A, Mueller D, Galla M, Verstegen M, Wagemaker G, Baum C, **Bohne J**. Overcoming promoter competition in packaging cells improves production of self-inactivating retroviral vectors. *Gene Therapy*. 2006 Nov;13(21):1524-33. Epub 2006 Jun 8.

Bohne J, Wodrich H, Kräusslich HG. Splicing of human immunodeficiency virus RNA is position-dependent suggesting sequential removal of introns from the 5' end. *Nucleic Acid Research*. 2005 Feb 8;33(3):825-37