



## **Education**

### **College/University:**

1998 - 2004 University of Kaiserslautern (Germany)

Diploma in Biology in January 2005

Title of Thesis: „Analysis of conditional *mdr-1* expression in human cells“

Diploma work done at the European Institute for research and development of transplantation strategies (EUFETS, FreseniusBiotech Group)

### **Major Subjects:**

Retroviral vectors, haematopoietic stem cell biology

**First name:**

**Niels**

**Last name:**

**Heinz**

**Date of birth:**

**07.02.1978**

**Country:**

**Germany**

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**Supervisor:**

**Dr. B. Schiedlmeier**

**Prof. Dr. C. Baum**

**Experimental Hematology**

### **Projects/Research:**

1) Evaluation and optimisation of „All-in-One“ retroviral vectors based on the Tetracycline-regulatory System

2) Tet-regulated expression of HoxB4 in haematopoietic (stem) cells

3) Tet-regulated expression of chemoresistance genes (MGMT/Mdr-1) in haematopoietic cells

### **Scientific Interests and Goals:**

The main interest of my work is to establish an optimized conditional gene expression system which is therapeutically applicable in the field of somatic gene therapy.

### **Hobbies and other interests:**

Meeting with friends, music, billard, card-games, soccer,