

# DANIEL MERTENS

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## School / Studies

1972 - 1989  
05/89

Attendance of schools in Germany, France and South Africa  
**Abitur** (one year beyond high school) at the Bischof-Neumann-Schule, Königstein, **grade 1.0** (grading range 1-6)

10/90 - 10/94

**Study of Biochemistry** at the Physiological-Chemical-Institute, Tübingen

04/93 - 01/94

Practical (Isolation of Natural Compounds) at the H.E.J. Research Institute of Chemistry, Karachi, Pakistan

10/94 - 06/95

**Final examination** in organic chemistry, biochemistry and microbiology, grade 1.5 (grading range 1-6).

## Diploma Thesis

07/95 - 03/96

**Identification and Characterization of GNOM-dependantly expressed genes by Differential Display** at the Chair of Developmental Biology, Prof. Gerd Jürgens, Tübingen, grade „very good“ (best grade).

## Post-Graduate Projects

06/96

**Gene expression analyses** of *GNOM*-mutants with filter-DNA-arrays at the Laboratoire de Biologie Cellulaire (INRA), Paris

05/96 - 09/96

**Completion of the INRA project** at the Chair for Developmental Biology, Tübingen.

10/96 - 05/99

**Functional Analyses of the cell-cycle-associated phosphatase cdc25B using tet-inducible expression systems in cell culture** in the group of Ingrid Hoffmann, DKFZ, Heidelberg.

## PhD Thesis

06/99 - 07/01

**Identification of the tumor suppressor mechanism localized in the minimally deleted region in 13q14.3 in B-CLL** in the group of Prof. Peter Lichter, DKFZ, Heidelberg, grade "magna cum laude" (grade 1.0)

## Postdoc

08/01 - 10/06

**Supervision of a project group** at the DKFZ

03/02 - 06/02

**Diploma in Tropical Medicine and Public Health** at the Charité and the Humboldt University, Berlin

09/06 - present

**Head of the Max-Eder-Group** in Ulm

10/06 - present

**Junior Group Leader** at the DKFZ in Heidelberg

### Occupational skills

#### **Reviewer**

for several competitive international journals:

- *Blood*
- *Oncogene*
- *American Journal of Pathology*
- *International Journal of Cancer*,
- *Genes, Chromosomes and Cancer*

Member of the Selection Committee of the International PhD program of the DKFZ

#### **External Lectures**

04/00	Realtime-PCR European Seminar Tour, Düsseldorf, Germany
03/01	Applying Realtime PCR, ZMBH, Heidelberg, Germany
09/02	Annual Meeting of the German Society of Human Genetics, Leipzig, Germany
11/04 – 11/05	Lecture Series, Faculty of Biology, University of Heidelberg, Germany
06/05	Epigenetic and the Dynamic Genome, Cambridge, UK
06/06	11 <sup>th</sup> Congress of the European Hematology Association, Amsterdam, Netherlands
10/06	Young Expert Workshop of the German CLL Study Group, Bonn, Germany
06/07	12 <sup>th</sup> Congress of the European Hematology Association, Vienna, Austria

### Prizes

06/02	<b>Research Award</b> of the Franziska-Kolb-Foundation for Leukemia Research of the University of Ulm
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## List of Publications Daniel Mertens

- Claudia Kalla, Markus Scheuermann, Ina Kube, Magdalena Schlotter, **Mertens**, Hartmut Doehner, Stephan Stilgenbauer, Peter Lichter (2007). "Analysis of 11q22-q23 deletion target genes in B-cell chronic lymphocytic leukemia: Evidence for a pathogenic role of NPAT, CUL5 and PPP2R1B." Eur. J. Cancer, 43(8), 1328-35, **IF 3,706**
- Ilka Prowatke, Frauke Devens, Axel Benner, Elisabeth F. Gröne, **Mertens**, Hermann-Josef Gröne, Peter Lichter, Stefan Joos, (2007): "Expression analysis of imbalanced genes in prostate carcinoma using tissue microarrays.", Br. J. Cancer, 96(1), 82-8, **IF 4.115**
- Wolf, S., D. **Mertens**, A. Pscherer, P. Schroeter, D. Winkler, H. J. Grone, C. Hofele, K. Hemminki, R. Kumar, G. Steineck, H. Dohner, S. Stilgenbauer and P. Lichter (2006). "Ala228 variant of trail receptor 1 affecting the ligand binding site is associated with chronic lymphocytic leukemia, mantle cell lymphoma, prostate cancer, head and neck squamous cell carcinoma and bladder cancer." Int J Cancer **118**(7): 1831-5. **IF 4.416**
- Kienle, D., A. Benner, A. Krober, D. Winkler, D. **Mertens**, A. Buhler, T. Seiler, U. Jager, P. Lichter, H. Dohner and S. Stilgenbauer (2006). "Distinct gene expression patterns in chronic lymphocytic leukemia defined by usage of specific VH genes." Blood **107**(5): 2090-3. **IF 9.782**
- Mertens**, D., S. Wolf, C. Tschuch, C. Mund, D. Kienle, S. Ohl, P. Schroeter, F. Lyko, H. Dohner, S. Stilgenbauer and P. Lichter (2006). "Allelic silencing at the tumor-suppressor locus 13q14.3 suggests an epigenetic tumor-suppressor mechanism." Proc Natl Acad Sci U S A **103**(20): 7741-6. **IF 10.452**
- Mannherz, O., D. **Mertens**, M. Hahn and P. Lichter (2006). "Functional screening for proapoptotic genes by reverse transfection cell array technology." Genomics **87**(5): 665-72. **IF 3.840**
- Henrich, K. O., M. Fischer, D. **Mertens**, A. Benner, R. Wiedemeyer, B. Brors, A. Oberthuer, F. Berthold, J. S. Wei, J. Khan, M. Schwab and F. Westermann (2006). "Reduced expression of CAMTA1 correlates with adverse outcome in neuroblastoma patients." Clin Cancer Res **12**(1): 131-8. **IF 5.623**
- Adamowicz, M., B. Radlwimmer, R. J. Rieker, D. **Mertens**, M. Schwarzbach, P. Schraml, A. Benner, P. Lichter, G. Mechttersheimer and S. Joos (2006). "Frequent amplifications and abundant expression of TRIO, NKD2, and IRX2 in soft tissue sarcomas." Genes Chromosomes Cancer **45**(9): 829-38. **IF 3.937**
- Kalla, C., H. Nentwich, M. Schlotter, D. **Mertens**, K. Wildenberger, H. Dohner, S. Stilgenbauer and P. Lichter (2005). "Translocation t(X;11)(q13;q23) in B-cell chronic lymphocytic leukemia disrupts two novel genes." Genes Chromosomes Cancer **42**(2): 128-43. **IF 3.937**
- Kienle, D. L., C. Korz, B. Hosch, A. Benner, D. **Mertens**, A. Habermann, A. Krober, U. Jager, P. Lichter, H. Dohner and S. Stilgenbauer (2005). "Evidence for distinct pathomechanisms in genetic subgroups of chronic lymphocytic leukemia revealed by quantitative expression analysis of cell cycle, activation, and apoptosis-associated genes." J Clin Oncol **23**(16): 3780-92. **IF 11.810**
- Korz, C., A. Pscherer, A. Benner, D. **Mertens**, C. Schaffner, E. Leupolt, H. Dohner, S. Stilgenbauer and P. Lichter (2002). "Evidence for distinct pathomechanisms in B-cell chronic lymphocytic leukemia and mantle cell lymphoma by quantitative expression analysis of cell cycle and apoptosis-associated genes." Blood **99**(12): 4554-61. **IF 9.782**
- Mertens**, D., S. Wolf, P. Schroeter, C. Schaffner, H. Dohner, S. Stilgenbauer and P. Lichter (2002). "Down-regulation of candidate tumor suppressor genes within chromosome band 13q14.3 is independent of the DNA methylation pattern in B-cell chronic lymphocytic leukemia." Blood **99**(11): 4116-21. **IF 9.782**

- Wolf, S., D. **Mertens**, C. Schaffner, C. Korz, H. Dohner, S. Stilgenbauer and P. Lichter (2001). "B-cell neoplasia associated gene with multiple splicing (BCMS): the candidate B-CLL gene on 13q14 comprises more than 560 kb covering all critical regions." Hum Mol Genet **10**(12): 1275-85. **IF 7.801**
- Mertens**, D., S. Wolf, L. Bullinger, S. Ohl, C. Schaffner, H. Dohner, S. Stilgenbauer and P. Lichter (2000). "BCMSUN, a candidate gene for B-cell chronic lymphocytic leukemia and mantle-cell lymphoma, has an independently expressed homolog on 1p22- p31, BCMSUN-like." Int J Cancer **88**(5): 692-7. **IF 4.416**
- Bullinger, L., E. Leupolt, C. Schaffner, D. **Mertens**, M. Bentz, P. Lichter, H. Dohner and S. Stilgenbauer (2000). "BCL10 is not the gene inactivated by mutation in the 1p22 deletion region in mantle cell lymphoma." Leukemia **14**(8): 1490-2. **IF 5.810**
- Lammer, C., S. Wagerer, R. Saffrich, D. **Mertens**, W. Ansorge and I. Hoffmann (1998). "The cdc25B phosphatase is essential for the G2/M phase transition in human cells." J Cell Sci **111 ( Pt 16)**: 2445-53. **IF 6.910**

IF = impact factor as of 2004