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**SCIENTIFIC VITA**

- 1980-1985 Study of Medicine, University of Heidelberg
- 1985-1986 Study of Medicine, Faculté de Médecine Broussais/Hôtel-Dieu, Paris, France
- Since 1986 Institute of Pathology, University of Heidelberg
- 1987 MD-Thesis (summa cum laude, Institute of Pathology, University of Heidelberg)
- 1994 Board Certification Pathology
- 1996 Senior pathologist
- Since 1997 Scientific Research Group leader (Tumorzentrum Heidelberg/Mannheim, FSP I.1)
- 1999 Habilitation
- Since 2002 Coordinator of research projects “molecular diagnostics” (FSPI) of the Tumorzentrum Heidelberg/Mannheim
- Since 2006 German reference pathologist for soft tissue sarcomas of the European Organization for Research and Treatment of Cancer (EORTC)

**FIELDS OF INTEREST:**

Pathology and molecular genetics of soft tissue sarcomas. Surgical pathology and oncology including pediatric oncology and hematooncology. Molecular pathological diagnostics.

**SELECTED PUBLICATIONS (SINCE 2000):**

Aulmann S, Longerich T, Schirmacher P, **Mechtersheimer G**, Penzel R (2006): Detection of the ASPSCR1/TFE3 gene fusion in paraffin embedded alveolar soft part sarcomas. Histopathol (in press)

Adamovicz M, Radlwimmer B, Rieker RJ, Mertens D, Schwarzbach M, Schraml P, Benner A, Lichter P, **Mechtersheimer G**, Joos S (2006): Frequent amplifications and abundant expression of TRIO, NKD2, and IRX2 in soft tissue sarcomas. Genes Chromosomes Cancer 45:829-838

Penzel R, Aulmann S, Moock M, Schwarzbach M, Rieker RJ, **Mechtersheimer G** (2005): The location of *KIT* and *PDGFRA* gene mutations in gastrointestinal stromal tumours is site- and phenotype-associated. J Pathol 58:634-639

Rieker RJ, Aulmann S, Penzel R, Schnabel PA, Blaeker H, Esposito I, Morresi-Hauf A, Otto HF, Hecker E, Dienemann H, Schirmacher P, **Mechtersheimer G** (2005): Chromosomal imbalances in sporadic neuroendocrine tumours of the thymus. *Cancer Lett* 223:169-174

Rieker RJ, Penzel R, Aulmann S, Blaeker H, Morresi-Hauf A, Hecker E, Otto HF, **Mechtersheimer G**, von Heydebreck A (2005): Oncogenic tree models based on cytogenetic data: new insights into the development of epithelial tumors of the thymus. *Cancer Genet Cytogenet* 158:75-80

**Mechtersheimer G**, Egerer G, Hensel M, Rieker RJ, Libicher M, Lehnert T, Penzel R (2004): Gastrointestinal stromal tumours and their response to treatment with the tyrosine kinase inhibitor imatinib. *Virchows Arch* 444:108-118

Barth TF, Müller S, Pawlita M, Siebert R, Rother JU, **Mechtersheimer G**, Kitinya J, Bentz M, Möller P (2004): Homogeneous immunophenotype and paucity of secondary genomic aberrations are distinctive features of endemic but not of sporadic Burkitt's lymphoma and diffuse large B-cell lymphoma with MYC rearrangement. *J Pathol* 203: 940-945

**Mechtersheimer G**, Lehnert T, Penzel R, Joos S, Egerer G, Otto HF (2003): Gastrointestinale Stromatumoren. Eine morphologisch und molekular eigenständige Tumorentität mit neuer therapeutischer Perspektive. *Pathologe* 24:182-191

Barth TF, Martin-Subero JI, Joos S, Menz CK, Hasel C, **Mechtersheimer G**, Parwaresch RM, Lichter P, Siebert R, Möller P (2003): Gains of 2p involving the REL locus correlate with nuclear c-Rel protein accumulation in neoplastic cells of classical Hodgkin lymphoma. *Blood* 101:3681-3686

Viardot A, Möller P, Högel J, Werner K, **Mechtersheimer G**, Ho AD, Ott G, Barth TF, Siebert R, Gesk S, Schlegelberger B, Döhner H, Bentz M (2002): Clinicopathologic correlations of genomic gains and losses in follicular lymphoma. *J Clin Oncol* 20: 4523-4530

Rieker RJ, Joos S, Bartsch C, Willeke F, Schwarzbach M, Otaño-Joos M, Ohl S, Högel J, Lehnert T, Lichter P, Otto HF, **Mechtersheimer G** (2002): Distinct chromosomal imbalances in pleomorphic and high-grade dedifferentiated liposarcomas. *Int J Cancer* 99: 68-73

Fritz B, Schubert F, Wrobel G, Schwaenen C, Wessendorf S, Nessling M, Korz C, Rieker RJ, Montgomery K, Kucherlapati R, **Mechtersheimer G**, Eils R, Joos S, Lichter P (2002): Microarray-based copy number and expression profiling in dedifferentiated and pleomorphic liposarcoma. *Cancer Res* 62:2993-2998

Joos S, Menz CK, Wrobel G, Siebert R, Gesk S, Ohl S, **Mechtersheimer G**, Trümper L, Möller P, Lichter P, Barth TFE (2002): Classical Hodgkin lymphoma is characterized by recurrent copy number gains of the short arm on chromosome 2. *Blood* 99:1381-1387

Wabisch M, Brüderlein S, Melzner I, Braun M, **Mechtersheimer G**, Möller P (2000): LiSa-2, a novel human liposarcoma cell line with a high capacity for terminal adipose differentiation. *Int J Cancer* 88: 889-894

Otaño-Joos M, **Mechtersheimer G**, Ohl S, Wilgenbus KK, Scheurlen W, Lehnert T, Willeke F, Otto HF, Lichter P, Joos S (2000): Detection of chromosomal imbalances in leiomyosarcoma by comparative genomic hybridization and interphase cytogenetics. *Cytogenet Cell Genet* 90:86-92