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SCIENTIFIC VITA:

- 1988-1995 Medical education at the Faculty of Medicine, Ludwig-Maximilians-University, Munich
- 1993 United States Medical Licensing Examination (USMLE) Step 1
- 1994 USMLE Step 2 (Score 213/84)
- 1995 Final medical board examination, University of Munich, Germany
- 1995 Preliminary license to practice as an MD (physician in training)
- 1996 Full license to practice medicine/surgery
- 1996 Oral examination for doctoral diploma "Dr. med." (Result: "Summa cum laude")
- 1997-1999 Postdoctoral Fellowship at the Dept. of Cancer Biology, MD Anderson Cancer Center, Houston, TX (Prof. D. D. Boyd, PhD); in parallel: Guest at the Dept. of Surgical Oncology (Chair: Prof. R. Pollock, MD, PhD)
- 1998-1999 Graduate School of Biomedical Sciences, University of Texas-Houston
- 1999 PhD in Molecular Biology, University of Texas-Houston
- 1999 Principle investigator (Assistant Professor), Section Molecular Biology, Molecular Oncology Research Group, Dept. Surgery, Klinikum Grosshadern, Ludwig Maximilians University, Munich
- 2001 PD (Associate Professor) of Experimental Surgery and Molecular Oncology, habilitation at the Medical Faculty, Ludwig Maximilians University, Munich
- 2003 Diploma in Medical Economics (Dipl. Oec. Med.), Priv. Inst. Oec. Med. (Head: Prof. Braunschweig), Chur, Switzerland
- 2004 Successful completion of Surgical Board Exams (Munich, Germany), permission to practice as an independent Surgeon
- since 2004 Full Professor and Head, Dept. Experimental Surgery and Molecular Oncology Mannheim, and Joint Professor, DKFZ (German Cancer Research Center) Heidelberg, University Heidelberg

AWARDS

Research fellowship of the Dr. Mildred Scheel Stiftung (1997), Rhone-Poulenc-Rorer-Award for Young Investigators of the American Association of Cancer Research (Philadelphia, USA) (1999), Langenbeck Research Award of the German College of Surgeons (1999), 1st Prize of the Wolfgang Wilmanns Research Foundation for Innovative Concepts of Translational Cancer Research (1999), Otto-Goetze-Award for the best scientific lecture at the Year 2000-Congress of the Bavarian College of Surgeons (2000), 1st Prize of the DPC-Biermann-Academy of Biomedical Sciences (2000), Ferdinand-Sauerbruch Research Award of the Berlin College of Surgeons (2001), Johann-Nepomuk-von-Nussbaum-Research Award of the Bavarian College of Surgeons (2002), Research Award of the Drs. Graute- und Graute-Oppermann-Foundation for the Support of German Research, Essen (2002), Johann-Georg-Zimmermann-Award for Cancer Research for

extraordinary merits in Cancer Research, University of Hannover (2003), Research Award of the Ingrid-zu-Solms Foundation for excellent achievements of women in Science, Frankfurt, Germany (2004), Young Cancer Researcher Award Lecture of the EACR (2005), Research Award for your young academic researchers of the Alfred Krupp von Bohlen- and Halbach-Foundation (2005), Hella-Bühler-Award, University of Heidelberg (2006)

FIELDS OF INTEREST

Urokinase-system in gastrointestinal cancers; urokinase-receptor (u-PAR) gene expression in minimal residual disease; postoperative development and phenotyping of disseminated tumor cells; transcriptional regulation of proteases; regulation of tumor-associated proteolysis by oncogenes and tumor suppressors; invasion; metastasis; molecular staging of cancer; selection for targeted therapy; tumor banking

SELECTED PUBLICATIONS

Leupold JH, Asangani I, Lengyel ER, Post S, Allgayer H (2007). Src-induced uPAR gene expression is also mediated via an AP-1 motif and is associated with increased invasive capacity in vivo. **Mol Cancer Res** in press

Maurer GD, Leupold JH, Schewe DM, Biller T, Kates RE, Hornung H-M, Lau-Werner U, Post S, Allgayer H (2007). Analysis of specific transcriptional regulators as predictors of independent prognostic relevance in resected colorectal cancer. **Clin Cancer Res** 13, 1123-1132

Leupold JH, Yang H-S, Colburn NH, Boyd, DD, Lengyel ER, Post S, Allgayer H (2007): Tumor suppressor Pcd4 inhibits invasion and regulates urokinase-receptor (uPAR) gene expression via Sp-transcription factors. **Oncogene** [epub ahead of print]

Beyer BCM, Heiss MM, Simon EH, Gruetzner KU, Babic R, Jauch KW, Schildberg FW, Allgayer H (2006). Urokinase-system expression in gastric cancer – Confirmation of prognostic impact in an independent patient series and first evidence for a predictor in preoperative biopsies and intestinal metaplasia. **Cancer** 106, 1026-1035

Schewe DM, Biller T, Maurer G, Leupold JH, Lengyel ER, Post S, Allgayer H (2005). Combination analysis of AP-1 family members, Sp1 and an AP-2 α -related factor binding to different regions of the urokinase receptor (u-PAR) gene in a large series of resected gastrointestinal cancers. **Clin Cancer Res** 11, 8538-8548

Schewe DM, Leupold JH, Boyd DD, Lengyel ER, Wang H, Gruetzner KU, Schildberg FW, Jauch KW, Allgayer H (2003). Tumor-specific transcription factor binding to an AP-2/Sp1 promoter element of the urokinase-receptor (u-PAR) promoter in a first large series of resected gastrointestinal cancers. **Clin Cancer Res** 9, 2267-76

Heiss MM, Simon EH, Beyer BCM, Gruetzner KU, Tarabichi A, Babic R, Schildberg FW, Allgayer H (2002). Minimal residual disease in gastric cancer: First evidence of an independent prognostic relevance of urokinase receptor gene expression by disseminated tumor cells in a large series of patients. **J Clin Oncol** 20, 2005-2016

Allgayer H, Boyd DD, Heiss MM, Curley SA, Gallick GE (2002). Elevated Src kinase activity in primary colorectal cancer is a biological indicator of poor clinical prognosis. **Cancer** 94, 344-351

Allgayer H, Babic R, Grützner KU, Tarabichi A, Schildberg FW, Heiss MM (2000). *c-erbB-2* is of independent prognostic relevance in gastric cancer and is associated with the expression of tumor-associated protease systems. **J Clin Oncol** 18, 2201-2209

Allgayer H, Wang H, Gallick GE, Crabtree A, Mazar A, Jones T, Kraker AJ, Boyd DD (1999). Transcriptional induction of the urokinase-receptor (u-PAR) gene by a constitutively active Src: Requirement of an upstream motif (-152/-135) bound with Sp1. **J Biol Chem** 274, 18428-18437