

## Stefan Amatschek

Born on November 2<sup>nd</sup>, 1975 in Upper Austria (Austria)



1982 – 1986	Primary School
1986 – 1994	Grammar School at the Stiftsgymnasium in Schlierbach
1994 June	Matura passed with distinction
1994 – 1995	Military service in military music (flute)
1995 – 2002	Studies of Biochemistry at the University of Vienna
2001 – 2002	Diploma Theses at Boehringer Ingelheim Austria in cooperation with the IMP (Institute of Molecular Pathology) Title: <i>Identification of Tumor-specific Transcripts in Solid Tumors by Combination of Subtractive Hybridization and Microarray Technology</i>
2002	Launch of a software distribution company
2002 – 2006	PhD Theses at the General Hospital in Vienna Title: <i>In Vivo Transcriptomes of Normal and Tumor Endothelial Cells Reveal New Insights in Vascular Physiology</i>
2007 September	PostDoc at the Elisabethinen-Hospital in the department of Nephrology (Prof. Rainer Oberbauer)

### Techniques:

DNA-Cloning, Protein Expression, Western Blotting, cDNA-Microarrays, Affymetrix GeneChips, Quantitative RT-PCR, Isolation and Cultivation of ECs, Immunohistochemistry, Confocal Microscopy, FACS, In Situ Hybridization

### Publications:

- Amatschek et al.: “Tissue-wide expression profiling using cDNA subtraction and microarrays to identify tumor-specific genes”, *Cancer Res.*, 2004
- Kriehuber, Amatschek et al.: “Balance between NF-kappaB and JNK/AP-1 activity controls dendritic cell life and death”, *Blood*, 2005
- Amatschek et al.: “Blood and lymphatic endothelial cell-specific differentiation programs are stringently controlled by the tissue environment”, *Blood*, 2007 (under revision)
- Amatschek et al.: “ADAMTS18 and PCDH17 are two novel vascular antigens that are preferentially expressed on tumor endothelial cells” (manuscript in preparation)