

Dr. med. Sebastian Kreiter

Head of the Immunotherapy Development Center
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Academia

1989 - 1996 Studies in medicine and PhD at the Johannes Gutenberg University Mainz

Career

since October 2010 Head of the Immunotherapy Development Center
since 2008 Senior Scientist at BioNTech SE
since January 2006 Executive Director of the CIMT (Cancer Immunotherapy consortium)
1997 - 2003 Physician at University Medical Center of the Johannes Gutenberg University Mainz (hematology and oncology)

Selected Publications

Kreiter S, Vormehr M, van de Roemer N, Diken M, Löwer M, Diekmann J, Boegel S, Schrörs B, Vascotto F, Castle JC, Tadmor AD, Schoenberger SP, Huber C, Türeci Ö, Sahin U (2015) Mutant MHC class II epitopes drive therapeutic immune responses to cancer. *Nature* 520: 692–696

Simon P, Omokoko TA, Breitzkreuz A, Hebich L, **Kreiter S**, Attig S, Konur A, Britten CM, Paret C, Dhaene K, Dhaene K, Türeci Ö, Sahin U. Functional TCR retrieval from single antigen-specific human T cells reveals multiple novel epitopes. *Cancer Immunol Res* 2(12):1230-44

Castle JC, Loewer M, Boegel S, Tadmor AD, Boisguerin V, de Graaf J, Paret C, Diken M, **Kreiter S**, Türeci Ö, Sahin U (2014) Mutated tumor alleles are expressed according to their DNA frequency. *Sci Rep* 4:4743

Castle JC, Loewer M, Boegel S, de Graaf J, Bender C, Tadmor AD, Boisguerin V, Bukur T, Sorn P, Paret C, Diken M, **Kreiter S**, Türeci Ö, Sahin U. (2014) Immunomic, genomic and transcriptomic characterization of CT26 colorectal carcinoma. *BMC Genomics* 15:190

Castle JC, **Kreiter S**, Diekmann J, Löwer M, van de Roemer N, de Graaf J, Selmi A, Diken M, Boegel S, Paret C, Koslowski M, Kuhn AN, Britten CM, Huber C, Türeci O, Sahin U (2012) Exploiting the mutanome for tumor vaccination. *Cancer Res* 72(5):1081-91

Diken M, **Kreiter S**, Selmi A, Britten CM, Huber C, Türeci Ö, Sahin U (2011) Selective uptake of naked vaccine RNA by dendritic cells is driven by macropinocytosis and abrogated upon DC maturation. *Gene Ther.* 18(7):702-8