

Cover Page



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**Title:** The human minor histocompatibility antigen HA-1 as target for stem cell based immunotherapy of cancer : pre-clinical and clinical studies

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- 1 The success of cancer immunotherapy is dependent on the expression of the target antigen on the malignancy. *Dit proefschrift*
- 2 Not matching of mHags but intended mismatching for tumor restricted mHags may improve the survival of patients after allogeneic SCT. *Dit proefschrift*
- 3 Minimal residual disease is a preclinical prerequisite for successful mHag specific cancer immunotherapy. *Dit proefschrift*
- 4 Determination of the stem cell donor immunization status against mHags might be important for the prediction of mHag specific immune responses after allogeneic SCT. *Dit proefschrift*
- 5 Vaccination with mHags is a more feasible approach of mHag specific immunotherapy after allogeneic SCT than adoptive transfer of in vitro generated mHag specific CTLs. *Dit proefschrift*
- 6 Moderate GvHD is a requirement for an optimal GvT response mediated by tumor mHag specific CTLs. *Dit proefschrift*
- 7 The tissue distribution of minor histocompatibility antigens dissects graft-versus-host disease from graft versus leukemia effects. *de Bueger M, et al., J Immunol 1992; 149 (5): 1788-1794*
- 8 Stroma is critical for preventing or permitting immunological destruction of antigenic cancer cells. *Singh S, et al., J Exp Med 1992;175:139-146.*
- 9 The high dissociation rate of one of two HA-1 alleles from HLA is the reason for the high immunogenicity of the minor histocompatibility antigen. *Nicholls, S. et al., Proc. Natl. Acad. Sci. U.S.A 2009; 106: 3889–3894.*
- 10 Acquisition of full effector function in vitro paradoxically impairs the in vivo antitumor efficacy of adoptively transferred CD8+ T cells. *Gattinoni L et al , J Clin Invest. 2005 Jun;115(6):1616-26.*
- 11 Science based medical approaches are more cumbersome to implement than alternative medical ones
- 12 The hierarchic structures in Germany and in the Netherlands differ only by their visibility
- 13 Bicycling is more difficult than car driving
- 14 Grundsätzliche Zustimmung ist die höflichste Form der Ablehnung (Robert Lembke)