

Dr. Agneta von Gegerfelt's Publications

1. Kulkarni, V., Jalah, R., Ganneru, B., Bergamaschi, C., Alicea, C., **von Gegerfelt, A.**, Patel, V., Zhang, G.M., Chowdhury, B., Broderick, K.E., Sardesai, N.Y., Valentin, A., Rosati, M., Felber, B.K., and Pavlakis, G.N.: Comparison of immune responses generated by optimized DNA vaccination against SIV antigens in mice and macaques. *Vaccine* 29: 6742-54, 2011.
2. **von Gegerfelt, A.**, Valentin, A., Alicea, C., Van Rompay, K.K.A., Marthas, M.L., Montefiori, D.C., Pavlakis, G.N., and Felber, B.K.: Emergence of simian immunodeficiency virus-specific cytotoxic CD4+ T cells and increased humoral responses correlate with control of rebounding viremia in CD8-depleted macaques infected with Rev-independent live-attenuated simian immunodeficiency virus. *J. Immunol.* 185: 3348-3358, 2010.
3. Valentin, A., **von Gegerfelt, A.**, Rosati, M., Miteloudis, G., Alicea, C., Bergamaschi, C., Jalah, R., Patel, V., Khan, A.S., Draghia-Akli, R., Pavlakis, G.N., and Felber, B.K.: Repeated DNA therapeutic vaccination of chronically SIV-infected macaques provides additional virological benefit. *Vaccine* 28: 1962-1974, 2010.
4. Rosati, M., Bergamaschi, C., Valentin, A., Kulkarni, V., Jalah, R., Alicea, C., Patel, V., **von Gegerfelt A.S.**, Montefiori, D.C., Venzon, D.J., Khan, A.S., Draghia-Akli, R., Van Rompay, K.K.A., Felber, B.K., and Pavlakis, G.N.: DNA vaccination in rhesus macaques induces potent immune responses and decreases acute and chronic viremia after SIVmac251 challenge. *Proc. Natl. Acad. Sci. U S A* 106: 15831-15836, 2009.
5. Rosati, M., Valentin, A., Jalah, R., Patel, V., **von Gegerfelt, A.**, Bergamaschi, C., Alicea, C., Weiss, D., Treece, J., Pal, R., Markham, P.D., Marques, E.T., August, J.T., Khan, A., Draghia-Akli, R., Felber, B.K., and Pavlakis, G.N.: Increased immune responses in rhesus macaques by DNA vaccination combined with electroporation. *Vaccine* 26: 5223-5229, 2008.
6. **von Gegerfelt, A.S.**, Rosati, M., Alicea, C., Valentin, A., Roth, P., Bear, J., Franchini, G., Albert, P.S., Bischofberger, N., Boyer, J.D., Weiner, D.B., Markham, P., Israel, Z.R., Eldridge, J.H., Pavlakis, G.N. and Felber, B.K.: Long-lasting decrease in viremia in macaques chronically infected with simian immunodeficiency virus SIVmac251 after therapeutic DNA immunization. *J. Virol.* 81: 1972-1979, 2007.
7. Smulevitch, S., Bear, J., Alicea, C., Rosati, M., Jalah, R., Zolotukhin, A., **von Gegerfelt, A.S.**, Michalowski, D., Moroni, C., Pavlakis, G.N., and Felber, B.K.: RTE and CTE mRNA export elements synergistically increase expression of unstable, Rev-dependent HIV and SIV mRNAs. *Retrovirology* 3: 6-14, 2006.
8. **von Gegerfelt, A.S.**, Alicea, C., Valentin, A., Morrow, M., van Rompay, K.K.A., Ayash-Rashkovsky, M., Markham, P., Else, J.G., Marthas, M.L., Pavlakis, G.N., Ruprecht, R.M., and Felber, B.K.: Long lasting control and lack of pathogenicity of the attenuated Rev-independent SIV in rhesus macaques. *AIDS Res. Hum. Retroviruses* 22: 516-528, 2006.
9. Rosati, M., **von Gegerfelt, A.**, Roth, P., Alicea, C., Valentin, A., Robert-Guroff, M., Venzon, D., Montefiori, D.C., Markham, P., Felber, B.K., and Pavlakis, G.N.: DNA vaccines expressing different

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10. **von Gegerfelt, A.S.**, Liska, V., Li, P-L., McClure, H.M., Horie, K., Nappi, F., Montefiori, D.C., Pavlakis, G.N., Marthas, M.L., Ruprecht, R.M., and Felber, B.K.: Rev-independent simian immunodeficiency virus strains are nonpathogenic in neonatal macaques. *J. Virol.* 76: 96-104, 2002.
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