

Gruppe/Group: Modellsysteme für Infektion und Immunität (MSYS)

Gruppenleiter/Head of group: Prof. Dr. Dagmar Wirth

Letzte Aktualisierung/Last update: 01.06.2023

## 2023

Gödecke, N., Herrmann, S., Weichelt, V., and Wirth, D. (2023). **A Ubiquitous Chromatin Opening Element and DNA Demethylation Facilitate Doxycycline-Controlled Expression during Differentiation and in Transgenic Mice.** ACS Synth Biol 12, 482-491.

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Schwerk, J., Kemper, L., Bussey, K.A., Lienenklaus, S., Weiss, S., Čičin-Sain, L., Kröger, A., Kalinke, U., Collins, C.M., Speck, S.H., et al. (2022). **Type I Interferon Signaling Controls Gammaherpesvirus Latency In Vivo.** Pathogens 11, 1554.

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DOI: 10.1007/s00109-020-02020-8

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Kumashie, K.G., Cebula, M., Hagedorn, C., Kreppel, F., Pils, M.C., Koch-Nolte, F., Rissiek, B., and Wirth, D. (2021). **Improved Functionality of Exhausted Intrahepatic CXCR5+ CD8+ T Cells Contributes to Chronic Antigen Clearance Upon Immunomodulation.** Front Immunol 11, 592328.

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Beauclair, G., Naimo, E., Dubich, T., Rückert, J., Koch, S., Dhingra, A., Wirth, D., and Schulz, T.F. (2020). Targeting Kaposi's Sarcoma-Associated Herpesvirus ORF21 Tyrosine Kinase and Viral Lytic Reactivation by Tyrosine Kinase Inhibitors Approved for Clinical Use. *J Virol* 94, e01791-01719.

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Beauclair, G., Naimo, E., Dubich, T., Rückert, J., Koch, S., Dhingra, A., Wirth, D., Schulz, T.F. (2019) **Targeting the Kaposi Sarcoma Herpesvirus ORF 21 tyrosine kinase and viral lytic reactivation by tyrosine kinase inhibitors approved for clinical use.** *J Virol* 95:JVI.01791-19.

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## 2018

Becker, J., Kinast, V., Döring, M., Lipps, C., Duran, V., Spanier, J., Tegtmeyer, P.K., Wirth, D., Cicin-Sain, L., Alcamí, A., Kalinke, U. (2018) **Human monocyte-derived macrophages inhibit HCMV spread independent of classical antiviral cytokines.** Virulence 9(1): 1669-1684.  
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Rand, U., Hillebrand, U., Sievers, S., Willenberg, S., Köster, M., Hauser, H., Wirth, D. (2014) **Uncoupling of the dynamics of host-pathogen interaction uncovers new mechanisms of viral interferon antagonism at the single-cell level.** Nucleic Acids Res 42: e109.

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