

Bibliographic list of publications included in thesis

Chapter 2:

Dilruba, S., Grondana, A., Schiedel, A. C., Ueno, N. T., Bartholomeusz, C., Cinatl, J., Jr, McLaughlin, K. M., Wass, M. N., Michaelis, M., & Kalayda, G. V. (2020). Non-Phosphorylatable PEA-15 Sensitises SKOV-3 Ovarian Cancer Cells to Cisplatin. *Cells*, 9(2), 515. <https://doi.org/10.3390/cells9020515>

Chapter 3:

Rothenburger, T., McLaughlin, K. M., Herold, T., Schneider, C., Oellerich, T., Rothweiler, F., Feber, A., Fenton, T. R., Wass, M. N., Keppler, O. T., Michaelis, M., & Cinatl, J., Jr (2020). SAMHD1 is a key regulator of the lineage-specific response of acute lymphoblastic leukaemias to nelarabine. *Communications biology*, 3(1), 324. <https://doi.org/10.1038/s42003-020-1052-8>

Chapter 4:

McLaughlin, K. M., Cinatl, J., Jr, Wass, M. N., Michaelis, M. (2021). Multifaceted roles of SAMHD1 in cancer. *bioRxiv* 2021.07.03.451003; doi: <https://doi.org/10.1101/2021.07.03.451003>

Chapter 5:

Bojkova, D., McGreig, J. E., McLaughlin, K. M., Masterson, S. G., Antczak, M., Widera, M., Krähling, V., Ciesek, S., Wass, M. N., Michaelis, M., Cinatl, J., Jr (2021). Differentially conserved amino acid positions may reflect differences in SARS-CoV-2 and SARS-CoV behaviour. *Bioinformatics*, 37(16), 2282–2288. <https://doi.org/10.1093/bioinformatics/btab094>

Chapter 6:

McLaughlin, K. M., Bojkova, D., Kandler, J. D., Bechtel, M., Reus, P., Le, T., Rothweiler, F., Wagner, J. U. G., Weigert, A., Ciesek, S., Wass, M. N., Michaelis, M., Cinatl, J., Jr (2021). A potential role of the CD47-SIRPalpha axis in COVID-19 pathogenesis. Submitted to MDPI Current Issues in Molecular Biology – Molecular Medicine Section

Chapter 7:

McLaughlin, K. M., Bechtel, M., Bojkova, D., Münch, C., Ciesek, S., Wass, M. N., Michaelis, M., & Cinatl, J., Jr (2020). COVID-19-Related Coagulopathy-Is Transferrin a Missing Link?. *Diagnostics (Basel, Switzerland)*, 10(8), 539. <https://doi.org/10.3390/diagnostics10080539>

Chapter 8:

Bojkova, D., Bechtel, M., McLaughlin, K. M., McGreig, J. E., Klann, K., Bellinghausen, C., Rohde, G., Jonigk, D., Braubach, P., Ciesek, S., Münch, C., Wass, M. N., Michaelis, M., & Cinatl, J., Jr (2020). Aprotinin Inhibits SARS-CoV-2 Replication. *Cells*, 9(11), 2377. <https://doi.org/10.3390/cells9112377>