List of publications: Karthika Rajeeve / Karthika Karunakaran

Link to the publication list in google scholar:

https://scholar.google.com/citations?hl=en&user=gswA3D4AAAAJ&sortby=pubdate&view_op=list_works&citft=2&email_for_op=karthikakarunakaran.

1. Nadine Vollmuth, Sudha Janaki-Raman, Lisa Schlicker, Naziia Kurmasheva, Werner Schmitz, Almut Schulze, Thomas Rudel, **Karthika Rajeeve.** c-Myc plays a key role in IFN-γ induced persistence of Chlamydia trachomatis. **bioRxiv.** 2021. DOI: https://doi.org/10.1101/2021.03.09.433696

2. **Rajeeve K*,** Vollmuth N, JanakiRaman S, Wulff T, Schmalhofer M, Schmitz W, Baluapuri A, Huber C, Fink J, Dejure F, Wolf E, Eisenreich W, Schulze A, Seibel J, Rudel T*. 2020. Reprogramming of host glutamine metabolism during *Chlamydia trachomatis* infection and its key role in peptidoglycan synthesis. 5, 1390–1402. 2020. Nature Microbiology. *** Corresponding author Impact factor – 17,74**

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4. Yang M, **Rajeeve K**, Rudel T and Dandekar T. Comprehensive flux modeling from Chlamydia trachomatis proteome and qRT-PCR data indicates biphasic metabolic differences between elementary bodies and reticulate bodies during infection. **Frontiers in microbiology. 2019.**Oct 15;10:2350. doi: 10.3389/fmicb.2019.02350. **Impact factor - 5,26.**

5. **Rajeeve K**, Das S, Prusty BK and Rudel T *Chlamydia trachomatis* paralyzes neutrophils to evade the host innate immune response. **Nature Microbiology. 2018**. 3, 824-835. doi: 10.1038/s41564-018-0182-y. **Impact factor – 17,74.**

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8. **Karunakaran K**, Subbarayal P, Vollmuth N and Rudel T. **Molecular Microbiology. 2015**. *Chlamydia* infected cells shed Gp96 to prevent Chlamydial re-infection. doi: 10.1111/mmi.13151. **Impact factor - 3,82.**

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10. Siegl C*, Prusty´B*, **Karunakaran K**, Wishhusen J and Rudel T. **Cell Reports**. **2014.** Tumor suppressor p53 alters host cell metabolism to limit *Chlamydia trachomatis* infection. 9(3):918-929. (*Equal contribution). **Impact factor - 9.423.**

11. Mehlitz A, **Karunakaran K**, Herweg J, Krohne G, Van de Linde S, Rieck E, Sauer M and Rudel T. **Cell Microbiology**. **2014**. *Simkania negevensis* Forms ER Vacuole Contact Sites and Inhibits ER- stress. 16(8):1224-1243. **Impact factor - 4,96.**

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