

## Publications

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1: Hanaa Ghanawi, Luisa Hennlein, Abdolhossein Zare, Jakob Bader, Saeede Salehi, Daniel Hornburg, Changhe Ji, **Rajeeve Sivadasan**, Carsten Drepper, Felix Meissner, Matthias Mann, Sibylle Jablonka, Michael Briese, Michael Sendtner. *Nucleic Acids Research*. 2021 Dec 2;49(21):12284-12305. doi: 10.1093/nar/gkab1120.

2: Hansen JP, Ali WM, **Sivadasan R**, Rajeeve K. Bacteria-Cancer Interface: Awaiting the Perfect Storm. *Pathogens*. 2021 Oct 14;10(10):1321. doi: 10.3390/pathogens10101321. PMID: 34684270; PMCID: PMC8540461.

3: Rajeeve K, Vollmuth N, Janaki-Raman S, Wulff TF, Baluapuri A, Dejure FR, Huber C, Fink J, Schmalhofer M, Schmitz W, **Sivadasan R**, Eilers M, Wolf E, Eisenreich W, Schulze A, Seibel J, Rudel T. Author Correction: Reprogramming of host glutamine metabolism during Chlamydia trachomatis infection and its key role in peptidoglycan synthesis. *Nat Microbiol*. 2021 Apr;6(4):533. doi: 10.1038/s41564-021-00874-3. Erratum for: *Nat Microbiol*. 2020 Nov;5(11):1390-1402. PMID: 33589805.

4: Rajeeve K, Vollmuth N, Janaki-Raman S, Wulff TF, Baluapuri A, Dejure FR, Huber C, Fink J, Schmalhofer M, Schmitz W, **Sivadasan R**, Eilers M, Wolf E, Eisenreich W, Schulze A, Seibel J, Rudel T. Reprogramming of host glutamine metabolism during Chlamydia trachomatis infection and its key role in peptidoglycan synthesis. *Nat Microbiol*. 2020 Nov;5(11):1390-1402. doi: 10.1038/s41564-020-0762-5. Epub 2020 Aug 3. Erratum in: *Nat Microbiol*. 2021 Apr;6(4):533. PMID: 32747796.

5: Rajeeve K, **Sivadasan R**. Transcervical Mouse Infections with Chlamydia trachomatis and Determination of Bacterial Burden. *Bio Protoc*. 2020 Feb 5;10(3):e3506. doi: 10.21769/BioProtoc.3506. PMID: 33654733; PMCID: PMC7842350.

6: Dombert B, Balk S, Lüningschrör P, Moradi M, **Sivadasan R**, Saal-Bauernschubert L, Jablonka S. BDNF/trkB Induction of Calcium Transients through Cav2.2 Calcium Channels in Motoneurons Corresponds to F-actin Assembly and Growth Cone Formation on  $\beta$ 2-Chain Laminin (221).. *Front Mol Neurosci*. 2017 Oct 30;10:346. doi: 10.3389/fnmol.2017.00346. PMID: 29163025; PMCID: PMC5670157.

7: Moradi M, **Sivadasan R**, Saal L, Lüningschrör P, Dombert B, Rathod RJ, Dieterich DC, Blum R, Sendtner M. Differential roles of  $\alpha$ -,  $\beta$ -, and  $\gamma$ -actin in axon growth and collateral branch formation in motoneurons. *J Cell Biol*. 2017 Mar 6;216(3):793-814. doi: 10.1083/jcb.201604117. Epub 2017 Feb 28. PMID:

28246119; PMCID: PMC5346967.

8: **Sivadasan R**, Hornburg D, Drepper C, Frank N, Jablonka S, Hansel A, Lojewski X, Sternecker J, Hermann A, Shaw PJ, Ince PG, Mann M, Meissner F, Sendtner M. C9ORF72 interaction with cofilin modulates actin dynamics in motor neurons. *NatNeurosci*. 2016 Dec;19(12):1610-1618. doi: 10.1038/nn.4407. Epub 2016 Oct 10. PMID: 27723745.

9: Yadav P, Selvaraj BT, Bender FL, Behringer M, Moradi M, **Sivadasan R**, Dombert B, Blum R, Asan E, Sauer M, Julien JP, Sendtner M. Neurofilament depletion improves microtubule dynamics via modulation of Stat3/stathmin signaling. *Acta Neuropathol*. 2016 Jul;132(1):93-110. doi: 10.1007/s00401-016-1564-y. Epub 2016 Mar 28. PMID: 27021905; PMCID: PMC4911381.

10: Dombert B, **Sivadasan R**, Simon CM, Jablonka S, Sendtner M. Presynaptic localization of Smn and hnRNP R in axon terminals of embryonic and postnatal mouse motoneurons. *PLoS One*. 2014 Oct 22;9(10):e110846. doi: 10.1371/journal.pone.0110846. PMID: 25338097; PMCID: PMC4206449.

11: Joy B, **Sivadasan R**, Abraham T E, John M, Sobhan PK, Seervi M, T R S. Lysosomal destabilization and cathepsin B contributes for cytochrome c release and caspase activation in embelin-induced apoptosis. *Mol Carcinog*. 2010 Apr;49(4):324-36. doi: 10.1002/mc.20599. PMID: 19943316.