

2006

1. Blencke, H.-M., Reif, I., **Commichau, F. M.**, Detsch, C., Wacker, I., Ludwig, H., Stülke, J. (2006) Regulation of *citB* expression in *Bacillus subtilis*: integration of multiple signals in the citrate pool and by the general nitrogen regulatory system. *Arch Microbiol.* 185: 136-146.
2. **Commichau, F. M.**, Forchhammer, K., Stülke, J. (2006) Regulatory links between carbon and nitrogen metabolism. *Curr Opin Microbiol.* 9: 167-172.

2007

3. **Commichau, F. M.**, Wacker, I., Schleider, J., Blencke, H.-M., Reif, I., Tripal, P., Stülke, J. (2007) Characterization of *Bacillus subtilis* mutants with carbon source-independent glutamate biosynthesis. *J Mol Microbiol Biotechnol.* 12: 106-113.
4. **Commichau, F. M.**, Herzberg, C., Valerius, O., Tripal, P., Stülke, J. (2007) A regulatory protein-protein interaction governs glutamate biosynthesis in *Bacillus subtilis*: The glutamate dehydrogenase RocG moonlights in controlling the transcription factor GltC. *Mol Microbiol.* 65: 642-654.
5. Herzberg, C., Flórez Weidinger, L. A., Dörrbecker, B., Hübner, S., Stülke, J., **Commichau F. M.** (2007) SPINE: A method for the rapid detection and analysis of protein-protein interactions *in vivo*. *Proteomics.* 12: 4032-4035.

2008

6. **Commichau, F. M.**, Stülke, J. (2008) Trigger enzymes: bifunctional proteins active in metabolism and in controlling gene expression. *Mol Microbiol.* 67: 692-702.
7. **Commichau, F. M.**, Gunka, K., Landmann, J. J., Stülke, J. (2008) Glutamate metabolism in *Bacillus subtilis*: gene expression and enzyme activities evolved to avoid futile cycles and to allow rapid responses to perturbations of the system. *J Bacteriol.* 190: 3557-3564.

2009

8. **Commichau, F. M.**, Rothe, F. M., Herzberg, C., Wagner, E., Hellwig, D., Lehnik-Habrink, M., Hammer, E., Völker, U., Stülke, J. (2009) Novel activities of glycolytic enzymes in *Bacillus subtilis*: Interactions with essential proteins involved in mRNA processing. *Mol Cell Proteomics.* 8: 1350-1360.

2010

9. Pietack, N., Becher, D., Schmidl, S. R., Saier, M. H. Jr., Hecker, M., **Commichau, F. M.**, Stülke, J. (2010) *In vitro* phosphorylation of key metabolic enzymes from *Bacillus subtilis*: PrkC phosphorylates enzymes from different branches of basic metabolism. *J Mol Microbiol Biotechnol.* 18: 129-140.
10. Gunka, K., Newman, J., **Commichau, F. M.**, Herzberg, C., Rodrigues, C., Hewitt, L., Lewis, R., Stülke, J. (2010) Functional dissection of a trigger enzyme: Mutations of the *Bacillus subtilis* glutamate dehydrogenase RocG that affect differentially its catalytic activity and regulatory properties. *J Mol Biol.* 400: 815-827.
11. **Commichau, F. M.**, Stülke, J. (2010) Book chapter: Chapter 18: Signal transduction by trigger enzymes: bifunctional enzymes and transporters controlling gene expression, in *Bacterial Signaling*. Edited by Reinhard Krämer and Kirsten Jung. Copyright © 2010 WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim. ISBN: 978-3-527-32365-4.
12. Stülke, J., **Commichau, F. M.** (2010) Coordination of metabolism and gene regulation by trigger enzymes. *Nova Acta Leopoldina.* Nr. 378. pp. 65-71.

2011

13. Meyer, F. M., Gerwig, J., Hammer, E., Herzberg, C., **Commichau, F. M.**, Völker, U., Stülke, J. (2011) Physical interactions between tricarboxylic acid cycle enzymes in *Bacillus subtilis*: Evidence for a metabolon. *Metab Eng.* 13: 18-27.
14. Lehnik-Habrink, M., Newman, J., Rothe, F. M., Solovyova, A. S., Rodrigues, C., Herzberg, C., **Commichau, F. M.**, Lewis, R. J., Stülke, J. (2011) RNase Y in *Bacillus subtilis*: A natively disordered protein that is the functional equivalent to RNase E from *Escherichia coli*. *J Bacteriol.* 193: 5431-5441.

2012

15. Gunka, K., Gerwig, J., Tholen, S., Herzberg, C., Stülke, J., **Commichau, F. M.** 2012. A high frequency mutation in *Bacillus subtilis*: Decryptification of the *gudB* glutamate dehydrogenase gene. *J Bacteriol.* 194: 1036-1044.
16. Gunka, K., **Commichau, F. M.** (2012) Control of glutamate metabolism in *Bacillus subtilis*: A complex interplay between ammonium assimilation, glutamate biosynthesis and degradation. *Mol Microbiol.* 85: 213-224.
17. **Commichau, F. M.**, Stülke, J. (2012) A mystery resolved: Essentiality of RNase III in *Bacillus subtilis* is caused by resident prophages. *PLoS Genet.* 8: e1003199.

2013

18. **Commichau, F. M.**, Pietack, N., Stülke, J. (2013) Essential genes in *Bacillus subtilis*: A re-evaluation after ten years. *Mol Biosyst.* 9: 1098-1075.
19. **Commichau, F. M.**, Halbedel, S. (2013) The resuscitation promotion concept extends to firmicutes. *Microbiology.* 159: 1298-1300.
20. Gunka, K., Stannek, L., Care, R. A., **Commichau, F. M.** (2013) Selection-driven accumulation of suppressor mutants in *Bacillus subtilis*: the apparent high mutation frequency and the rapid clonal expansion of *gudB*(+) suppressors are due to growth under selection. *PLoS One.* 8: e66120.

2014

21. Zaprasis, A., Hoffmann, T., Stannek, L., Gunka, K., **Commichau, F. M.**, Bremer, E. (2014) The GABA permease GabP serves as the third proline transporter of *Bacillus subtilis*. *J Bacteriol.* 196: 515-526.
22. Michna, H. R., **Commichau, F. M.**, Tödter, D., Zschiedrich, C. P., Stülke, J. (2014) *SubtiWiki* – a database for the model organism *Bacillus subtilis* that links pathway, interactions and expression information. *Nucleic Acids Res.* 42: D692-698.
23. Vlastic, I., Mertens, R., Seco, E. G., Carrasco, B., Ayora, S., Reitz, G., **Commichau, F. M.**, Alonso, J. C., Moeller, R. (2014) *Bacillus subtilis* RecA and its accessory factors, RecF, RecO, RecR and RecX, are required for spore resistance to DNA double-strand break. *Nucleic Acids Res.* 42: 2295-2307.
24. Bartholomae, M., Meyer, F. M., **Commichau, F. M.**, Burkovski, A., Hillen, W., Seidel, G. (2014) Complex formation between malate dehydrogenase and isocitrate dehydrogenase from *Bacillus subtilis* is regulated by TCA cycle metabolites. *FEBS J.* 281: 1132-1143.
25. Stannek, L., Egelkamp, R., Gunka, K., **Commichau, F. M.** (2014) Monitoring intraspecies competition in a bacterial cell population by co-cultivation of fluorescently labelled strains. *J Vis Exp.* 18: e51196.
26. **Commichau, F. M.**, Alzinger, A., Sande, R., Bretzel, W., Meyer, F. M., Chevreux, B., Wyss, M., Hohmann, H. P., Prágai, Z. (2014) Overexpression of a non-native vitamin B6 pathway in *Bacillus subtilis* for the production pyridoxine. *Metab Eng.* 25C: 38-49.
27. Juhas, M., Reuss, D. R., Zhu, B., **Commichau, F. M.** (2014) *Bacillus subtilis* and *Escherichia coli* essential genes and minimal cell factories after one decade of genome engineering. *Microbiology.* 160: 2341-2351.

2015

28. Dormeyer, M., Egelkamp, R., Thiele, M., Hammer, E., Gunka, K., Stannek, L., Völker, U., **Commichau, F. M.** (2015) A novel engineering tool in the *Bacillus subtilis* toolbox: inducer-free activation of gene expression by selection-driven promoter decryptification. *Microbiology.* 161: 354-361.
29. Rosenberg, J., Dickmanns, A., Neumann, P., Gunka, K., Arens, J., Kaefer, V., Stülke, J., Ficner, R., **Commichau, F. M.** (2015) Structural and biochemical analysis of the essential diadenylate cyclase CdaA from *Listeria monocytogenes*. *J Biol Chem.* 290: 6596-6606.

30. Stannek, L., Gunka, K., Care, R. A., Gerth, U., **Commichau, F. M.** (2015) Factors that mediate and prevent degradation of the inactive and unstable GudB protein in *Bacillus subtilis*. *Front Microbiol.* 7: 758.
31. Stannek, L., Thiele, M. J., Ischebeck, T., Gunka, K., Hammer, E., Völker, U., **Commichau, F. M.** (2015) Evidence for synergistic control of glutamate biosynthesis by glutamate dehydrogenases and glutamate in *Bacillus subtilis*. *Environ Microbiol.* 17: 3379-3390.
32. **Commichau, F. M.**, Alzinger, A., Sande, R., Bretzel, W., Reuß, D. R., Dormeyer, M., Chevreux, B., Schuldes, J., Daniel, R., Akeroyd, M., Wyss, M., Hohmann, H. P., Pragáí, Z. (2015) Engineering *Bacillus subtilis* for the conversion of the antimetabolite 4-hydroxy-L-threonine to pyridoxine. *Metab Eng.* 29: 196-207.
33. **Commichau, F. M.**, Dickmanns, A., Gundlach, J., Ficner, R., Stülke, J. (2015) A jack of all trades: the multiple roles of the unique and essential second messenger cyclic di-AMP. *Mol Microbiol.* 97: 189-204.
34. **Commichau, F. M.**, Stülke, J. (2015) Trigger enzymes: coordination of metabolism and virulence gene expression. *Microbiology Spectr.* 3: 105-127.

2016

35. Rismondo, J., Gibhardt, J., Rosenberg, J., Kaefer, V., Halbedel, S., **Commichau, F. M.** (2016) Phenotypes associated with the essential diadenylate cyclase CdaA and its potential regulator CdaR in the human pathogen *Listeria monocytogenes*. *J Bacteriol.* 198: 416-426.
36. Widderich, N., Rodrigues, C. D. A., **Commichau, F. M.**, Fischer, K. E., Rudner, D. Z., Bremer, E. (2016) Salt-sensitivity of SigH and Spo0A prevents sporulation of *Bacillus subtilis* at high osmolarity avoiding death during cellular differentiation. *Mol Microbiol.* 100: 108-124.
37. Rosenberg, J., Müller, P., Lentjes, S., Thiele, M. J., Zeigler, D. R., Tödter, D., Paulus, H., Brantl, S., Stülke, J., **Commichau, F. M.** (2016) ThrR, a DNA-binding transcription factor involved in controlling threonine biosynthesis in *Bacillus subtilis*. *Mol Microbiol.* 101: 879-893.
38. Reuß, D. R., **Commichau, F. M.**, Gundlach, J., Zhu, B., Stülke, J. (2016) The blueprint of a minimal cell: *MiniBacillus*. *Microbiol Mol Biol Rev.* 80: 955-987.

2017

39. Rosenberg, J., Ischebeck, T., **Commichau, F. M.** (2017) Vitamin B6 metabolism in microbes and approaches for fermentative production. *Biotechnol Adv.* 35: 31-40.
40. Reuß, D. R., Altenbuchner, J., Mäder, U., Rath, H., Ischebeck, T., Sappa, P. K., Thürmer, A., Guerin, C., Nicolas, P., Steil, L., Zhu, B., Feussner, I., Klumpp, S., Daniel, R., **Commichau, F. M.**, Völker, U., Stülke, J. (2017) Large-scale reduction of the *Bacillus subtilis* genome: Consequences for the transcriptional network, resource allocation, and metabolism. *Genome Res.* 27: 289-299.
41. Dormeyer, M., Lübke, A. L., Müller, P., Lentjes, S., Reuß, D. R., Thürmer, A., Stülke, J., Daniel, R., Brantl, S., **Commichau, F. M.** (2017) Hierarchical mutational events compensate for glutamate auxotrophy of a *Bacillus subtilis* *gltC* mutant. *Environ Microbiol Rep.* 9: 279-289.
42. Gundlach, J., Herzberg, C., Kaefer, V., Gunka, K., Hoffmann, T., Weiß, M., Gibhardt, J., Thürmer, A., Hertel, D., Daniel, R., Bremer, E., **Commichau, F. M.**, Stülke, J. (2017) Control of potassium homeostasis is an essential function of the second messenger cyclic di-AMP in *Bacillus subtilis*. *Sci Signal.* 10: eaal3011.
43. Reuß, D. R., **Commichau, F. M.**, Stülke, J. (2017) The contribution of bacterial genome engineering to sustainable development. *Microb Biotechnol.* 10: 1259-1263.

2018

44. Gundlach, J., **Commichau, F. M.**, Stülke, J. (2018) Of ions and messengers: an intricate link between potassium, glutamate, and cyclic di-AMP. *Curr Genet.* 64: 191-185.
45. **Commichau, F. M.**, Gibhardt, J., Halbedel, S., Gundlach, J., Stülke, J. (2018) A delicate connection: c-di-AMP affects cell integrity by controlling osmolyte transport. *Trends Microbiol.* 26: 175-185.

46. Rosenberg, J., Yeak, K. C., **Commichau, F. M.** (2018) A two-step evolutionary process establishes a non-native vitamin B6 pathway in *Bacillus subtilis*. *Environ Microbiol.* 20: 156-168.
47. Reuß, D. R., Rath, H., Thürmer, A., Benda, M., Daniel, R., Völker, U., Mäder, U., **Commichau, F. M.**, Stülke, J. (2018) Changes in DNA topology affect the global transcription landscape and allow rapid growth of a *Bacillus subtilis* strain lacking carbon catabolite repression. *Metab Eng.* 45: 171-179.
48. Dormeyer, M., Lentjes, S., Ballin, P., Wilkens, M., Klumpp, S., Kohlheyer, D., Stannek, L., Grünberger, A., **Commichau, F. M.** (2018) Visualization of tandem repeat mutagenesis in *Bacillus subtilis*. *DNA Repair (Amst)*. 63C: 10-15.
49. **Commichau, F. M.**, Stülke, J. (2018) Coping with an essential poison: a genetic suppressor analysis corroborates a key function of c-di-AMP in controlling potassium ion homeostasis in Gram-positive bacteria. *J Bacteriol.* 200: pii: e00166-18.
50. Djouiaï, B., Thwaite, J. E. Laws, T. R., **Commichau, F. M.**, Setlow, B., Setlow, P., Moeller, R. (2018) Role of DNA repair and protective components in *Bacillus subtilis* spore resistance to inactivation by 400 nm blue light. *Appl Environ Microbiol.* pii: AEM.01604-18.
51. Kampf, J., Gerwig, J., Kruse, K., Cleverley, R., Dormeyer, M., Grünberger, A., Kohlheyer, D., **Commichau, F. M.**, Lewis, R. J., Stülke, J. (2018) Selective pressure for biofilm formation in *Bacillus subtilis*: differential effect of mutations in the master regulator SinR on bistability. *mBio.* 9: pii: e01464-18.

2019

52. Acevedo-Rocha, C., Gronenberg, L. S., Mack, M., **Commichau F. M.**, Genee, H. J. (2019) Microbial cell factories for the sustainable manufacturing of B vitamins. *Curr Opin Biotechnol.* 56: 1-12.
53. Rosenberg, J., **Commichau, F. M.** (2019) Harnessing underground metabolism for pathway development. *Trends Biotechnol.* 37: 29-37.
54. **Commichau, F. M.**, Heidemann, J. L., Ficner, R., Stülke, J. (2019) Making and breaking of an essential poison: the cyclases and phosphodiesterases that produce and degrade the essential second messenger cyclic di-AMP in bacteria. *J Bacteriol.* 201: 1-14.
55. Wicke, D., Schulz, L. M., Lentjes, S., Scholz, P., Poehlein, A., Gibhardt, J., Daniel, R., Ischebeck, T., **Commichau, F. M.** (2019) Identification of the first glyphosate transporter by genomic adaptation. *Environ Microbiol.* 21: 1287-1305.
56. Hauf, S., Herrmann, J., Miethke, M., Gibhardt, J., **Commichau, F. M.**, Müller, R., Fuchs, S., Halbedel, S. (2019) Aurantimycin resistance genes contribute to survival of *Listeria monocytogenes* during life in the environment. *Mol Microbiol.* 111: 1009-1024.
57. Quintana, I., Gibhardt, J., Turdiev, A., Hammer, E., **Commichau, F. M.**, Lee, V. T., Magni, C., Stülke, J. (2019) The KupA and KupB proteins of *Lactococcus lactis* IL1403 are novel c-di-AMP receptor proteins responsible for potassium uptake. *J. Bacteriol.* 201(10). pii: e00028-19.
58. Cortesao, M., Fuchs, F. M., **Commichau, F. M.**, Eichenberger, P., Schuerger, A. C., Nicholson, W. L., Setlow, P., Moeller, R. (2019) *Bacillus subtilis* spore resistance to simulated Mars surface conditions. *Front Microbiol.* 10: 33.
59. Richts, B., Rosenberg, J., **Commichau, F. M.** (2019) A survey of pyridoxal 5'-phosphate – dependent proteins in the Gram-positive model bacterium *Bacillus subtilis*. *Front Mol Biosci.* 6: 32.
60. Gibhardt, J., Hoffmann, G., Turdiev, A., Wang, M., Lee, V. T., **Commichau, F. M.** (2019) c-di-AMP assists osmoadaptation by regulating the *Listeria monocytogenes* potassium transporters KimA and KtrCD. *J Biol Chem.* 294: 16020-16033.
61. Dormeyer, M., Lentjes, S., Richts, B., Heermann, R., Ischebeck, T., **Commichau, F. M.** (2019) Variants of the *Bacillus subtilis* LysR-type regulator GltC with altered activator and repressor function. *Front Microbiol.* 10: 2321.

2020

62. Rosenberg, J., Richts, B., **Commichau, F. M.** (2020) Fermentative production of vitamin B6 in *Pharmaceutical Biocatalysis: Drugs, Genetic Diseases, and Epigenetics*. Edited by Peter Grunwald. Copyright © 2020 Jenny Stanford Publishing Pte. Ltd.
63. Gibhardt, G., Heidemann, J. L., Bremenkamp, R., Rosenberg, J., Seifert, R., Kaefer, V., Ficner, R., **Commichau, F. M.** (2020) An extracytoplasmatic protein and a moonlighting enzyme modulate synthesis of c-di-AMP in *Listeria monocytogenes*. *Environ Microbiol.* 22: 2771-2791.
64. Richts, B., Hertel, R., Potot, S., Poehlein, A., Daniel, R., Schyns, G., Prágai, Z., **Commichau, F. M.** (2020) *Microbiol Resour Announc.* 9: e00825-20.

2021

65. Richts, B., Lentjes, S., Poehlein, A., Daniel, R., **Commichau, F. M.** (2021) A *Bacillus subtilis* Δ pdxT mutant suppresses vitamin B6 limitation by acquiring mutations enhancing *pdxS* gene dosage and ammonium assimilation. *Environ Microbiol Rep.* 13: 218-233.
66. Richts, B., **Commichau, F. M.** (2021) Underground metabolism facilitates the evolution of novel pathways for vitamin B6 biosynthesis. *Appl Microbiol Biotechnol* 105: 2297-2305.
67. Lilge, L., Hertel, R., Morabbi Heravi K., Henkel, M., **Commichau, F. M.**, Hausmann, R. (2021) Draft genome sequence of the type strain *Bacillus subtilis* subsp. *Subtilis* DSM10. *Microbiol Resour Announc.* 10: e00158-21.
68. Hertel, R., Gibhardt, J., Martienssen, M., Kuhn, R., **Commichau, F. M.** (2021) Molecular mechanisms underlying glyphosate resistance in bacteria. *Environ Microbiol.* 23: 2891-2905.
69. Michalik, S., Reder, A., Richts, B., Faßhauer, P., Mäder, U., Pedreira, T., Poehlein, A., van Heel, A. J., van Tilburg, A. Y., Altenbuchner, J., Klewing, A., Reuß, D. R., **Commichau, F. M.**, Kuipers, O. P., Hamoen, L. W., Völker, U., Stülke, J. (2021) The *Bacillus subtilis* minimal genome compendium. *ACS Synth Biol.* 10: 2767-2771.

2022

70. Hertel, R., Schöne, K., Mittelstädt, C., Meißner, J., Zschoche, N., Collignon, M., Kohler, C., Friedrich, I., Schneider, D., Hoppert, M., Kuhn, R., Schwedt, I., Scholz, P., Poehlein, A., Martienssen, M., Ischebeck, T., Daniel, R., **Commichau, F. M.** (2022) Characterization of glyphosate-resistant *Burkholderia anthina* and *Burkholderia cenocepacia* isolates from a commercial Roundup® solution. *Environ Microbiol Rep.* 14: 70-84.
71. Kohm, K., Floccari, V. A., Lutz, V. T., Nordmann, B., Mittelstädt, C., Poehlein, A., Dragos, A., **Commichau, F. M.**, Hertel, R. (2022) The *Bacillus* phage SP β and its relatives: a temperate phage model system reveals new strains, species, prophage integration loci, conserved proteins and lysogeny management components. *Environ Microbiol.* 24: 2098-2118.
72. Wang, M., Wamp, S., Gibhardt, J., Holland, G., Schwedt, I., Schmidtke, K. U., Scheibner, K., Halbedel, S., **Commichau, F. M.** (2022) Adaptation of *Listeria monocytogenes* to perturbation of c-di-AMP metabolism underpins its role in osmoadaptation and identifies a fosfomycin uptake system. *Environ Microbiol.* 24: 4466-4488.
73. Stecker, D., Hoffmann, T., Link, H., **Commichau, F. M.**, Bremer, E. (2022) L-Proline synthesis mutants of *Bacillus subtilis* overcome osmotic sensitivity by genetically adapting L-arginine metabolism. *Front Microbiol.* 13: 908304.

2023

74. Schwedt, I., Wang, M., Gibhardt, J., **Commichau, F. M.** (2023) Cyclic di-AMP, a multifaceted regulator of central metabolism and osmolyte homeostasis in *Listeria monocytogenes*. *μ Life.* 4: uqad005.
75. Schwedt, I., Collignon, M., Mittelstädt, C., Giudici, F., Rapp, J., Meißner, J., Link, H., Hertel, R., **Commichau, F. M.** (2023) Genomic adaptation of *Burkholderia anthina* to glyphosate uncovers a novel herbicide resistance mechanism. *Environ Microbiol Rep.* 15: 727-739.
76. Kohm, K., Jalomo-Khayrova, E., Krüger, A., Basu, S., Steinchen, W., Bange, G., Frunzke, J., Hertel, R., **Commichau, F. M.**, Czech, L. (2023) Structural and functional characterization of

MrpR, the master repressor of the *Bacillus subtilis* prophage SP β . *Nucleic Acids Res.* 51: 9452-9474.

77. Schwedt, I., Schöne K., Eckert, M., Pizzinato, M., Knotkova, B., Richts, B., Hau, J. L., Steuber, J., Mireles, R., Noda-Garcia, L., Fritz, G., Mittelstädt, C., Hertel, R., **Commichau, F. M.** (2023) The low mutational flexibility of the EPSP synthase in *Bacillus subtilis* is due to a higher demand for shikimate pathway intermediates. *Environ Microbiol.* 25: 3604-3622.

2024

78. Meißner, J., Königshof, M, Wrede, K., Warneke, R., Mardoukhi, M. S. Y., **Commichau, F. M.**, Stülke, J. (2024) Control of asparagine homeostasis in *Bacillus subtilis*: identification of promiscuous amino acid importers and exporters. *J Bacteriol.* 206: e00420-23.
79. Riedel, R., **Commichau, F. M.**, Benndorf, D., Hertel, R., Holzer, K., Hoelzle, L. E., Mardoukhi, M. S. Y., Noack, L. E., Martienssen, M. (2024) Biodegradation of selected aminophosphonates by the novel bacterial isolate *Ochrobactrum* sp. BTU1. *Microbiol Res.* 280: 127600.
80. Mardoukhi, M. S. Y., Rapp, J., Irisarri, I., Gunka, K., Link, H., Marienhagen, J., de Vries, J., Stülke, J., **Commichau, F. M.** (2024) Metabolic rewiring enables ammonium assimilation via a non-canonical fumarate-based pathway. *Microb Biotechnol.* 17: e14429.
81. Wicke, D., Lentjes, S., Herrfurth, C., Toedter, D., Stannek-Goebel, L., **Commichau, F. M.**, Feussner, I., Stülke, J. (2024) RfaA (YqhY), a novel adaptor protein, controls metabolite-sensitive protein degradation in *Bacillus subtilis*. bioRxiv. <https://doi.org/10.1101/2024.02.19.580884>.
82. Bhowmick, S., Viveros, R. P., Latoscha, A., **Commichau, F. M.**, Wrede, C., Tschowri, N. (2024) Cell shape and division septa positioning in filamentous *Streptomyces* requires a functional cell wall glycopolymer ligase. *In preparation*.