



## UvA-DARE (Digital Academic Repository)

### Secretion stress, ROS stress and gene fitness in *Bacillus subtilis*

Wang, B.

**Publication date**  
2022

[Link to publication](#)

**Citation for published version (APA):**

Wang, B. (2022). *Secretion stress, ROS stress and gene fitness in Bacillus subtilis*. [Thesis, fully internal, Universiteit van Amsterdam].

**General rights**

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

**Disclaimer/Complaints regulations**

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

## List of publications

1. L. Hamoen, **B. Wang**. PCT International Application: IMPROVED BACILLUS HOST CELL, file reference 34051-WO-PCT
2. D. Gray, **B. Wang**, P. Gamba, H. Strahl, L. Hamoen. Membrane depolarization kills dormant *Bacillus subtilis* cells by generating a lethal dose of ROS. Preprint. 2021. DOI: 10.21203/rs.3.rs-806248/v1
3. S. Syvertsson, **B. Wang**, J. Staal, Y. Gao, R. Kort, L. Hamoen. Different Resource Allocation in a *Bacillus subtilis* Population Displaying Bimodal Motility. Journal of Bacteriology, 2021, Vol. 203, No. 12. DOI: <https://doi.org/10.1128/JB.00037-21>
4. M. Wenzel, M. Dekker, **B. Wang**, M Burggraaf, W Bitter, J R.T. Weering, L Hamoen. New flat embedding method for transmission electron microscopy reveals an unknown mechanism of tetracycline. Communications Biology, 2021, 4(1):306, DOI: 10.1038/s42003-021-01809-8
5. **B. Wang**, Y. Han, Y. Li, Y. Li, X. Wang. Immune-stimulatory activities of Kdo2-monophosphoryl lipid A from *Escherichia coli* mutants constructed by chromosomal gene deletion and integration. PLoS ONE. 2015, 10(12): e0144714. DOI: <https://doi.org/10.1371/journal.pone.0144714>
6. Y. Wang, J. Wang, Y. Li, **B. Wang**, G. Tao, X. Wang. Structure characterization of phospholipids and lipid A of *Pseudomonas putida* KT2442. European Journal of Mass Spectrometry. 2015; 21(5):739-46. DOI: 10.1255/ejms.1390
7. M. Li, K. Zhu, **B. Wang**, X. Guo, W. Peng, H. Zhou. Evaluation the quality characteristics of wheat flour and shelf-life of fresh noodles as affected by ozone treatment. Food Chemistry, 2012, Vol.135, No.4, 2163-2169. DOI: 10.1016/j.foodchem.2012.06.103