

Wang Lin

Associate Professor

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SHORT BIOGRAPHY:

Lin Wang obtained her B.Sc. in Pharmaceutics from Shenyang Pharmaceutical University in 2007. She then did her M.S. and Ph.D. in Pharmacology from the Second Military Medical University. In 2012, as a lecturer, she worked in the Institute of Zoonosis of Jilin University. And at the same time, as a postdoctoral fellow, she joined Prof. Deng xuming' s group in the College of Veterinary Medicine of Jilin University. In 2016, she worked in the same department as an associate professor. She went to King Abdullah University of Science and Technology as a visiting scholar from 2017 to 2019. She is mainly engaged in the research of identifying novel inhibitors against important virulence factors in bacteria from nature compounds, studying the anti-infective therapy of the best inhibitor and determining the molecular mechanism of inhibitor against related virulence factor.

RESEARCH INTERESTS :

- Lin Wang is mainly engaged in the discovery of new leading compounds against bacterial infection from Traditional Chinese Medicine and nature compounds.

SELECTED PUBLICATIONS :

- Wang L#, Li B#, Si X, Liu X, Deng X, Niu X, Jin Y, Wang D*, Wang J*. Quercetin protects rats from catheter-related Staphylococcus aureus infections by inhibiting coagulase activity. *J Cell Mol Med.* 2019. 23(7):4808-4818.
- Li B#, Jin Y, Xiang H, Mu D, Yang P, Li X, Zhong L, Cao J, Xu D, Gong Q, Wang T, Wang L*, Wang D*. An Inhibitory effect of Dryocrassin ABBA on Staphylococcus aureus vWbp that Protects Mice from Pneumonia. *Front Microbiol.* 2019. 10:7.
- Ming D#, Wang D#, Cao F, Xiang H, Mu D, Cao J, Li B, Zhong L, Dong X, Zhong X, Wang L*, Wang T*. Kaempferol Inhibits the Primary Attachment Phase of Biofilm Formation in Staphylococcus aureus. *Frontiers in Microbiology*, 2017, 8:2263.
- Bi C#, Dong X#, Zhong X, Cai H, Wang D*, Wang L*. Acacetin Protects Mice from Staphylococcus aureus Bloodstream Infection by Inhibiting the Activity of Sortase A. *Molecules.* 2016. 21(10).
- Wang L#, Bi C#, Cai H, Liu B, Zhong X, Deng X, Wang T, Xiang H, Niu X, Wang D. The therapeutic effect of chlorogenic acid against Staphylococcus aureus infection through sortase A inhibition. *Front Microbiol.* 2015. 6:1031.