



师资队伍

教授

当前位置: [首页](#) [师资队伍](#) [海洋生物工程系](#) [教授](#)

海洋生物系

海洋生物工程系

教授

副教授

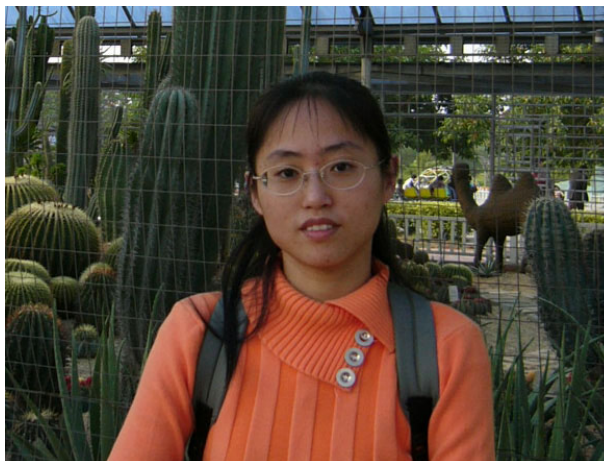
讲师

环境生态系

海洋生命科学实验教学示范中心

张玲玲

发布者: 伍玥琪 发布时间: 2018-04-26 浏览次数: 2425



个人简历

姓名: 张玲玲
 学历/职称/职务: 教授
 邮箱: lingling80@ouc.edu.cn
 电话: 0532-82031969
 地址: 青岛市鱼山路5号中国海洋大学海洋生命学院



科研领域描述:

研究方向主要集中在海洋贝类功能基因组学领域, 通过基因组学、转录组学、基因网络等技术, 鉴别和验证扇贝性别决定、繁殖调控、免疫抗逆等相关的关键调控基因, 阐明这些基因的表达调控机制。

代表性成果: (*表示通讯作者, #表示共同第一)

- Li Y, **Zhang L***, Sun Y, Ma X, Wang J, Li R, Zhang M, Wang S, Hu X, Bao Z. (2016) Transcriptome sequencing and comparative analysis of ovary and testis identifies potential key sex-related genes and pathways in scallop *Patinopecten yessoensis*. *Marine Biotechnology*. 18:453-465.
- Xing Q, Li Y, Guo H, Yu Q, Huang X, Wang S, Hu X, **Zhang L***, Bao Z. (2016) Cardiac performance: a thermal tolerance indicator in scallops. *Marine Biology*. 163:244.
- Sun Y, **Zhang L***, Zhang M, Li R, Li Y, Hu X, Wang S, Bao Z. (2016) Characterization of three mitogen-activated protein kinases (MAPK) genes reveals involvement of ERK and JNK, not p38 in defense against bacterial infection in Yesso scallop *Patinopecten yessoensis*. *Fish & Shellfish Immunology*. 54: 507-515.
- Xing Q, Yu Q, Dou H, Wang J, Li R, Ning X, Wang R*, Wang S, **Zhang L***, Hu X, Bao Z. (2016) Genome-wide identification, characterization and expression analyses of two TNFRs in Yesso scallop (*Patinopecten yessoensis*) provide insight into the disparity of responses to bacterial infections and heat stress in

- bivalves. *Fish & Shellfish Immunology*. 52: 44-56.
- Wang S[#], Lv J[#], **Zhang L[#]**, Dou J, Sun Y, Li X, Fu X, Dou H, Mao J, Hu X & Bao Z*. (2015) MethylRAD: a simple and scalable method for genome-wide DNA methylation profiling using methylation-dependent restriction enzymes. *Open Biology*. 5: 150130.
- Li R, Zhang R, Zhang L, Zou J, Xing Q, Dou H, Hu X, **Zhang L***, Wang R*, Bao Z. (2015) Characterizations and expression analyses of NF- κ B and Rel genes in the Yesso scallop (*Patinopecten yessoensis*) suggest specific response patterns against Gram-negative infection in bivalves. *Fish & Shellfish Immunology*. 44:611-21.
- Fu X[#], Sun Y[#], Wang J, Xing Q, Zou J, Li R, Wang Z, Wang S, Hu X, **Zhang L***, Bao Z*. (2014) Sequencing-based gene network analysis provides a core set of gene resource for understanding thermal adaptation in Zhikong scallop *Chlamys farreri*. *Molecular Ecology Resources*. 14: 184-198.
- Sun Y, Zhang Y, Fu X, Zhang R, Zou J, Wang S, Hu X, **Zhang L*** & Bao Z. (2014) Identification of two secreted ferritin subunits involved in immune defense of Yesso scallop *Patinopecten yessoensis*. *Fish & Shellfish Immunology*. 37: 53-59.
- Sun Y, Hou R, Fu X, Changsen Sun, Wang S, Wang C, Li N, **Zhang L*** & Bao Z. (2014) Genome-wide analysis of DNA methylation in five tissues of Zhikong scallop, *Chlamys farreri*. *PLoS ONE*. 9: e86232.
- Zhang Y, Zhang R, Zou J, Hu X, Wang S, **Zhang L***, Bao Z*. (2013) Identification and characterization of four ferritin subunits involved in immune defense of the Yesso scallop (*Patinopecten yessoensis*). *Fish & Shellfish Immunology*. 34: 1178-1187.
- Zhang L**, Hou R, Su H, Hu X, Wang S* & Bao Z*. (2012) Network analysis of oyster transcriptome revealed a cascade of cellular responses during recovery after heat shock. *PLoS ONE*. 7(4): e35484.
- Ponomarev I*, Wang S, **Zhang L**, Harris RA & Mayfield RD*. (2012) Gene co-expression networks in human brain identify epigenetic modifications in alcohol dependence. *Journal of Neuroscience*. 32: 1884-1897.
- Zhang L**, Bao Z, Wang S, Hu X & Hu J*. (2008) FISH mapping and identification of Zhikong scallop (*Chlamys farreri*) chromosomes. *Marine Biotechnology*. 10: 151-157.
- Zhang L**, Bao Z*, Cheng J, Li H, Huang X, Wang S, Zhang C & Hu J. (2007) Fosmid library construction and initial analysis of end sequences in Zhikong scallop (*Chlamys farreri*). *Marine Biotechnology*. 9: 606-612.
- Zhang L**, Bao Z*, Wang S, Huang X & Hu J. (2007) Chromosome rearrangements in Pectinidae (Bivalvia: Pteriomorpha) implied based on chromosomal localization of histone H3 gene in four scallops. *Genetica*. 130: 193-198.

