**南京农业大学生命科学学院王保战教授招聘博士后**

**一、合作导师简介**

王保战，教授博导，南京农业大学生命科学学院环境微生物学团队成员，主要研究方向为环境微生物学、微生物生态学和微生物遗传进化，在ISME J, Applied and Environmental Microbiology等SCI期刊上发表论文20余篇。

**二、招聘职位与研究方向**

课题组拟招聘博士后1-2名，开展环境微生物学、微生物生态学和微生物遗传进化方向的研究工作。

**三、待遇前途**

普通博士后参考学校博士后待遇，条件优秀者可以申请学校钟山青年研究员岗位（薪酬25-30万/年+），聘期满后考核优秀者可以以副教授正式入编。环境微生物学团队是一个微生物生理、生态和遗传学良好交叉的团队，在这里你的科研工作能够得到大团队来自各个方面的有效支撑和帮助。

**四、申请方式**

提供个人简历一份，发送至bzwang@njau.edu.cn，邮件标题请标注：博后申请+本人姓名。

**五、团队成员代表论文**

[1]   **Wang BZ**, Qin W, Ren Y, Zhou X, Jung M-Y, Han P, Eloe-Fadrosh E A, Li M, Zheng Y, Lu L, Yan X, Ji JB, Liu Y, Liu LM, Heiner C, Hall Richard, Martens-Habbena W, Herbold C W, Rhee SK, Bartlett D H, Huang L, Ingalls A E, Wagner M, Stahl D A, Jia ZJ. Expansion of Thaumarchaeota habitat range is correlated with horizontal transfer of ATPase operons. **ISME J** 2019. 13(12), 3067-3079.

[2]   **Xihui Xu**, Raphy Zarecki, Shlomit Medina, Shany Ofaim, Xiaowei Liu, Chen Chen, Shunli Hu, Dan Brom, Daniella Gat, Seema Porob, Hanan Eizenberg, Zeev Ronen, **Jiandong Jiang\*** & Shiri Freilich**\***. Modeling microbial communities from atrazine contaminated soils promotes the development of biostimulation solutions.**The ISME J**, 2019,13(2): 494-508. **(ESI 高被引论文，蒋建东教授为团队长）.**

[3]   **Wang BZ**, Zhao J, Guo ZY, Ma J, Xu H, Jia ZJ. Differential contributions of ammonia oxidizers and nitrite oxidizers to nitrification in four paddy soils. **ISME J** 2015. 9(5): 1062-1075.

[4]  Qin W, Zheng Y, Zhao F, ..., **Wang BZ**, ..., Stahl D A, Ingalls A E. Alternative strategies of nutrient acquisition and energy conservation map to the biogeography of marine ammonia-oxidizing archaea. **ISME J** 2020. <https://www.nature.com/articles/s41396-020-0710-7>

[5]  Junwei Huang, Dian Chen, **Jiandong Jiang\***. Preferential catabolism of the (S)-enantiomer of the herbicide napropamide mediated by the enantioselective amidohydrolase SnaH and the dioxygenase Snpd in Sphingobium sp. strain B2. **Environmental Microbiology, 2020,**22 (1): 286-296.

[6]   Hongxing Yang†, Shunli Hu†, Xiang Wang, Shaochuang Chuang, Weibin Jia,**Jiandong Jiang \***. Pigmentiphaga sp. strain D-2 uses a novel amidase to initiate the catabolism of the neonicotinoid insecticide acetamiprid. **Applied and Environmental Microbiology,**2020, (86) 6: e02425-19.

[7]   **Xin Yan**†, Junwei Huang†, Xihui Xu, Dian Chen, Xiangting Xie, Qing Tao, **Jian He,** **Jiandong Jiang\***. Enhanced and complete removal of phenylurea herbicides by combinational transgenic plant-microbe remediation. **Applied and Environmental Microbiology,**2018, 84 (14): e00273-18 **(Spotlight，闫新教授为团队核心成员).**

[8]  **Xin Yan**, Tao Gu, Zhongquan Yi, Junwei Huang, Xiaowei Liu, Ji Zhang, **Xihui Xu**, Zhihong Xin, **Qing Hong, Jian He,** Jim C. Spain, **Shunpeng Li, Jiandong Jiang**\*. Comparative Genomic Analysis of Isoproturon-mineralizing sphingomonads Reveals the Isoproturon Catabolic Mechanism. **Environmental Microbiology**, 2016, 18(12), 4888–4906. **（洪青教授和何健教授为团队核心成员）.**