

个人简历

于振中 山东青岛人，党员，教授，博士生导师。研究侧重于真菌分子和细胞生物学，研究内容主要集中在环境信号如何调控真菌生长发育，包括光照、温度、营养等对真菌菌丝和生殖细胞（分生孢子，厚垣孢子和子实体）发育的影响，信号分子对真菌生殖和生殖细胞萌发的影响等，研究目标是揭示真菌对环境信号的响应机制。目前，发表文章包括 *Nature Reviews Microbiology* (2019), *Nature Microbiology* (封面文章, 2016), *The EMBO Journal* (2021), *Science Bulletin* (2021), *mBio* (2019), *Molecular Microbiology*(2017, 2019), *PLoS Genetics* (2021), *Environmental Microbiology* (2021)等。

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教育背景和工作经历

2019.05-至今	南京农业大学资环学院	教授
2016.10- 2019.05	德国卡尔斯鲁厄理工学院	博士后
2012.11-2016.10	德国卡尔斯鲁厄理工学院	微生物学博士
2009.09-2012.09	华东理工大学	生物化工硕士
2005.09-2009.07	烟台大学	生物工程专业学士

学术兼职

Microbiological Research Associate editor
mBio, *Environmental Microbiology*, *Computational and Structural Biotechnology Journal*, *Applied and Environmental Microbiology*, *Environmental Microbiology Reports*, *Fungal Genetics and Biology*, *Frontiers in Fungal Biology*, *Fungal Biology*, *Mycology* 等杂志审稿人

主持项目

江苏省农业科技自主创新项目（子课题）	2021-2024
南京留学人员科技创新择优资助项目	2021
中央高校基本业务费	2021.06-2021.12
国家自然科学基金面上项目	2021-2024
江苏自然科学基金青年项目	2020.07-2023.06
中央高校基本科研业务费	2020.01-2020.12
南京农业大学引进人才科研启动经费	2019.05-2024.04

代表性文章 (#一作、*通讯作者):

- (1) Zhenzhong Yu, Reinhard Fischer*, Light sensing and responses in fungi, **Nature Reviews Microbiology**, 2019, 17:25-36
- (2) Zhenzhong Yu, Olivier Armant, Reinhard Fischer*, Fungi use the SakA (HogA) pathway for phytochrome-dependent light signaling, **Nature Microbiology**, 2016, 1(5):16019, *Cover story, Highlighted in Nature reviews microbiology, News and views in Nature microbiology, F1000Prime Recommendation*
- (3) Christian Streng, Jana Hartmann, Kai Leister, Norbert Krauß, Tilman Lamparter, Nicole Frankenberg-Dinkel, Franco Weth, Martin Bastmeyer, Zhenzhong Yu*, Reinhard Fischer*, Fungal phytochrome chromophore biosynthesis at mitochondria, **The EMBO Journal**, 2021, e108083
- (4) Zhenzhong Yu*, Jia Gao, Olumuyiwa Igbalajobi, Marek Skoneczny, Marzena Sieńko, Agnieszka M. Maciejewska, Jerzy Brzywczy, Reinhard Fischer*, The sulfur metabolism regulator MetR is a global regulator controlling phytochrome-dependent light responses in *Aspergillus nidulans*, **Science Bulletin**, 2021, 66(6): 592-602
- (5) Olumuyiwa Igbalajobi, Zhenzhong Yu*, Reinhard Fischer*, Red- and blue-light sensing in the plant pathogen *Alternaria alternata* depends on phytochrome and the white-collar protein LreA, **mBio**, 2019, 10: e00371-19
- (6) Zhenzhong Yu#, Ain Ali#, Olumuyiwa Ayokunle Igbalajobi, Christian Streng, Kai Leister, Norbert Krauss, Tilman Lamparter*, Reinhard Fischer*, Two hybrid histidine kinases, TcsB and the phytochrome FphA, are involved in temperature sensing in *Aspergillus nidulans*, **Molecular Microbiology**, 2019, 112(6): 1814-1830
- (7) Julian Roehrig#, Zhenzhong Yu#, Keon-Sang Chae, Jong-Hwa Kim, Kap-Hoon Han, Reinhard Fischer*, The *Aspergillus nidulans* Velvet-interacting protein, VipA, is involved in light-stimulated heme biosynthesis, **Molecular Microbiology**, 2017, 105(6):825-838
- (8) Zhenzhong Yu**, Christian Streng#, Ramon F. Seibeld, Olumuyiwa A. Igbalajobi, Reinhard Fischer*, Genome-wide analyses of light-regulated genes in *Aspergillus nidulans* reveal a complex interplay between different photoreceptors and novel photoreceptor functions, **PLoS Genetics**, 2021, 17(10): e1009845
- (9) Yifan Li, Tingting Sun, Degang Guo, Jia Gao, Jian Zhang, Feng Cai, Reinhard Fischer, Qirong Shen* and Zhenzhong Yu*, Comprehensive analysis of the regulatory network of blue-light-regulated conidiation and hydrophobin production in *Trichoderma guizhouense*, **Environmental Microbiology**, 2021, <https://doi.org/10.1111/1462-2920.15748>.
- (10) Zhenzhong Yu*, Jennifer Hübner, Satur Herrero, Victor Gourain, Reinhard Fischer*, On the role of the global regulator RlcA in red-light sensing in *Aspergillus nidulans*, **Fungal Biology**, 2020, 124(5):447-457