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Research Interests

- **Genetics of edible fungi**
- **Breeding of edible fungi**
- **Quality supervision and test of mushroom spawn**

Publication

A reason for overlap peaks in direct sequencing of rRNA gene ITS in Pleurotus nebrodensis,FEMS Microbiology Letters,2009, DOI:10.1111/j.1574-6968.2009.01891.x

Nitric oxide alleviates heat stress-induced oxidative damage in Pleurotus eryngii var. tuoliensis,Fungal Genetics and Biology,2011, DOI:10.1016/j.fgb.2011.12.003

Heat stress induces apoptotic-like cell death in two Pleurotus species,Current Microbiology,2014, DOI:10.1007/s00284-014-0634-4

Expression patterns of two pal genes of Pleurotus ostreatus across developmental stages and under heat stress, BMC Microbiology, 2019, DOI:10.1186/s12866-019-1594-4

High-temperature induced changes of extracellular metabolites in Pleurotus ostreatus and their

positive effects on the growth of Trichoderma asperellum,Frontiers in Microbiology,2018,DOI: 10.3389/fmicb.2018.00010

A genetic linkage map of Pleurotus tuoliensis integrated with physical mapping of the de novo sequenced genome and the mating type loci, BMC Genomics, 2018, DOI:10.1186/s12864-017-4421-z

Nitric oxide improves the tolerance of Pleurotus ostreatus to heat stress by inhibiting mitochondrial aconitase,Applied and Environmental Microbiology, 2019, DOI:10.1128/AEM.02303-19

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