Norihiro Shimomura

Functional title: Professor (Vice Dean)
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Education

1992	PhD in Agriculture from Tottori University Japan
1989	Masters of Agriculture from Tottori University Japan
1989	Bachelor of Agriculture from Tottori University Japan

Employment

1992 -2008	Researcher, Tottori Mycological Institute, Japan
2008 -2013	Associate Professor, Fungus/Mushroom Resource and Research Center, Faculty of Agriculture, Tottori University, Japan
2013 -Present	Professor, Fungus/Mushroom Resource and Research Center, Faculty of Agriculture, Tottori University, Japan

Major Publication

(1) N.Shimomura, T.Aimi, T.Matsumoto, N.Maekawa and H.Otani: Ultrastructure of developing basidiospores in *Rhizopogon roseolus* (=*R. rubescens*). Mycoscience, 49: 35-41
2008.02

(2) N.Shimomura, K.Terashima and K.Hasebe: Intersterility between populations of *Lentinula edodes* from Papua New Guinea. Mycoscience, 50:240-243
2009.05

(3) N.Shimomura, T.Aimi, H.Otani and P.Park: Cytological features of ectomycorrhizae aseptically synthesized between *Rhizopogon roseolus* (shoro) and *Pinus thunbergii*. Mushroom Science and Biotechnology, 18(3): 103-106
2010.10

(4) N.Shimomura, S.Kobayashi, S.Murakami and K.Hasebe: Nuclear behavior during basidiospore formation in a homothallic mutant of *Lentinula edodes*. Mushroom Science and Biotechnology, 19(2): 88-92
2011.07

(5) K.Yanaga, N.Maekawa, N.Shimomura, Y.Ishigaki, Y.Nakamura, T.Takegami, N.Tomosugi, S.Miyazawa and S.Kuwabata: Use of ionic liquid in fungal taxonomic study of ultrastructure of basidiospore ornamentation. Mycological Progress (IF=1.554), 11(1):343-347
2012.02

(6) N.Shimomura, K.Sawada, T.Aimi, N.Maekawa, and T.Matsumoto: Karyological characterization of meiosis, post-meiotic mitosis and nuclear migration in the ectomycorrhizal fungus *Rhizopogon roseolus* (= *R. rubescens*). Mycologia (IF=2.031), 104(5):981-987
2012.09.

(7) N.Shimomura, M.Matsuda, K.Ariyoshi, and T.Aimi: Development of mycelial slurries containing surfactant for cultivation of the edible ectomycorrhizal mushroom *Rhizopogon roseolus* (syn. *Rhizopogon rubescens*). Botany (IF=1.251), 90(9): 839-844
2012.09.

(8) K.Sawada, J.Wan, K.Oda, S.Nakano, T.Aimi and N.Shimomura: Variability in nucleus number in basidiospore isolates of *Rhizopogon roseolus* and their ability to form ectomycorrhizas with host pine roots. Mycological Progress (IF=1.606), 13(3):745-751
2014.08.

(9) Y.Yoshida, S.Sugimura, S.Nakano, Q.Gao, N.Kitamura, T.Ichiyanagi, T.Aimi and N.Shimomura: Nuclear behavior during basidiospore formation in the edible and medicinal mushroom *Mycoleptodonoides aitchisonii*. Journal of Electron Microscopy Technology for Medicine and Biology, 28(1): 20-24
2014.12.

(10) S.Nakano, Q.Gao, T.Aimi and N.Shimomura: *Rhizopogon roseolus* basidiospore germination decreases as the fruiting bodies mature and the spore wall becomes more complex. Botany (IF=1.313), 94(4): 311-320
2016.04.