



The 10th International Medicinal Mushroom Conference

第十届国际药用菌大会

19-22 September 2019, Nantong, China

The 10th International Medicinal Mushroom Conference (IMMC10)

Poster Presentation List

Poster Presentation Person	Nation	Abstract No	Title
S2: Genetics and Breeding of Medicinal Mushrooms (including Molecular Biology)			
Jia-shi Zhu	USA	2064	Cross-analysis if intraspecific genetic and transcriptome variations of Genotype #1 (Group A) of <i>Ophiocordyceps sinensis</i>
Jia-shi Zhu	USA	2065	The sequences of the multiple <i>Ophiocordyceps sinensis</i> genotypes reside in the genomes of independent fungi — Discussion on the “rRNA pseudogenes” hypothesis
Qitiao Hu	China	2072	Identification of two genotypes of <i>Armillaria gallica</i> and expression of β -xylosidase in <i>Pichia pastoris</i>
Jae-Gu Han	South Korea	2102	Whole genome sequence of <i>Wolfiporia cocos</i> (Polyporaceae, Basidiomycota), a sclerotium-forming medicinal mushroom
Jae-Gu Han	South Korea	2103	The complete mitochondrial genome sequence of <i>Sanghuangporus baumii</i> (Hymenochaetaceae, Basidiomycota)
Xinsheng He	China	2146	Study on the Hyphal Fusion and Non-Fusion Phenomena between Morels
Yuan Li	China	2177	Breeding of “ <i>Ganoderma lucidum</i> Hunong No.5”
S3: Cultivation and Fermentation of Medicinal Mushrooms			
Zeng-Chin Liang	Chinese Taipei	3008	Effect of Liquid Spawn Conditions on the Hispidin Production for the <i>Phellinus</i> Strains by Solid State Fermentation
Zeng-Chin Liang	Chinese Taipei	3032	Effect of Spent Mushroom Sawdust as Main Substrate on the Cultivation of Culinary-Medicinal Mushroom <i>Pleurotus sajor-caju</i>
Renhao Tan	China	3039	Toxicity of graphene oxide to <i>Morchella sextelata</i> and biological effects of <i>Morchella sextelata</i> on graphene oxide
Dingguo Zhao	China	3041	Preliminary Study of the <i>Cordyceps Sinensis</i> Produced on Livestock and Poultry-Meat-Based Medium
Zhongwang Fang	China	3111	Fermenting Medicinal Fungus by Using Traditional Chinese Medicine Matrix
Ceci Sales-Campos	Brazil	3167	Evaluation of recovery techniques of exopolysaccharides produced by <i>Ganoderma lucidum</i> under submerged fermentation
Huawei Zeng	China	3196	Optimization of ganoderic acid yield from black <i>Ganoderma lucidum</i> by using response surface analysis and antioxidant activities of its mycelium after simulated gastrointestinal digestion in vitro
Chiu-Yeh Wu	Chinese Taipei	3208	Effect of Various Grain Substrates on the Pentostatin/ Cordycepin Molecular Ratio of <i>Cordyceps militaris</i> Fruiting Body

Martin Pavlík	Slovakia	3216	Carbon dioxide production as a marker of Oyster mushroom growing conditions
Chengjie Xu	China	3225	New Mode of Cultivation and Fermentation of Edible & Medicinal fungi
WeiHu	China	3234	Optimization of cultivation mode for <i>Phellinus vaninii</i> of Wandashan strain
Chen Wang	China	3278	A solid fermentation technology of <i>Poria cocos</i> Wolf and product related detection
Tingting Song	China	3284	Comparing the chemical composition and biological activities of wood-cultured and bag-cultured <i>Ganoderma lucidum</i>
Ye Ding	China	3295	Salicylic acid promotes the metabolism of Ganoderic Acid in the <i>Ganoderma flexipes</i>

S4: Biochemistry and Pharmacology of Medicinal Mushrooms' Active Compounds

Huang Wang	China	4075	Based on Nrf2/HO-1/NF-κB Pathway to Explore the Protection Effect of Polysaccharides Separated from <i>Floccularia luteovirens</i> on Renal Injury of Diabetic Nephropathy
Yuling Li	China	4095	A mycelial fermentation product of <i>Ophiocordyceps sinensis</i> enhances sexual functions in normal and impotent models
Yuling Li	China	4100	Immune-modulation activity of a mycelial fermentation product of <i>Ophiocordyceps sinensis</i>
Changsheng Shao	China	4104	Enhancement of radiation sensitivity in tumor cells by <i>Ganoderma lucidum</i> triterpenoid through inhibition of NF-κB and JNK signaling
Zhenzhen Wang	China	4115	Extraction optimization and structural characterization, antioxidant activities of polysaccharide from <i>Morchella sextelata</i>
Shumin Wang	China	4117	Protective effect of fermentation of <i>Lycoperdon pedicellatus</i> against CCl ₄ -induced acute hepatic injury in rats
Martin Pavlík	Slovakia	4145	Antimicrobial activity of <i>Ophiocordyceps sinensis</i> and <i>Paecilomyces hepiali</i> extracts cultivated on rice substrate
Ling Su	China	4147	Polysaccharides spectrum analysis of <i>Pleurotus ostreatus</i> in different main cultivation areas
Hongjian Luo	China	4149	Application of <i>Ganoderma lucidum</i> Polysaccharide Peptide Reference Substance in Quality Control of <i>Ganoderma lucidum</i> Products
Xuemeng Zhang	China	4157	Extraction, Characterization and Activity Study of polysaccharides from the Fruiting Bodies of <i>Sparassis latifolia</i>
Yuan Zhang	China	4194	Improving the antioxidation activity of total <i>Shiraia</i> polysaccharide extracts through submerged fermentation
Chuanxin Xin	China	4199	Semi-bionic Extraction of Polysaccharide from Sclerotia of <i>Inonotus obliquus</i>
Yajie Zhang	China	4289	Prebiotic Activities of Oligosaccharide Extracts from Spore of <i>Ganoderma Lucidum</i>

S5: Medicinal Mushrooms in Veterinary and Agriculture

Woo Sik Jo	South Korea	5235	Effect of cladding materials on cultivation of <i>Ganoderma</i> mushroom
Ye Ding	China	5250	<i>Ganoderma lucidum</i> is cultivated from areca stem

S6: Medicinal Mushrooms in Clinical Practice

Shuang Zhao	China	6025	Hepatoprotective effects of polysaccharide-peptides from <i>Pleurotus citrinopileatus</i> against fatty liver injury and the associated mechanisms
Liudmila Kalitukha	Germany	6109	<i>Fomes fomentarius</i> extracted fibres (Good Feeling Power®) as modulator of the immune system

Maria Letizia Gargano	Italy	6206	The anti-biofilm potential of <i>Pleurotus eryngii</i> var. <i>elaeoselini</i> and white form of <i>Grifola frondosa</i> extracts against <i>Staphylococcus aureus</i> methicillin resistance
S7: Nutritional and Medicinal Values of Mushroom Products			
Teng Wang	China	7043	Structure and Immunoregulatory Activity of a galactofuranose-rich exopolysaccharide from the bamboo parasite Medicinal Fungus <i>Shiraia bambusicola</i>
Shu-Yao Tsai	Chinese Taipei	7045	Multiple-assisted extraction enhancing the umami taste from king oyster culinary-medicinal mushroom, <i>Pleurotus eryngii</i> (Agaricomycetes) byproduct and its application in umami seasoning
Akitomo Motoi	Japan	7088	Hair growth and regeneration effects of the outdoor cultivated <i>Agaricus brasiliensis</i> (KA21)
Anna Sadowska	Poland	7154	<i>Laetiporus sulphureus</i> - culinary-medicinal mushroom: investigation of its anticancer potential.
Halina Car	Poland	7155	Apoptotic effect of <i>Heterobasidion annosum</i> extract in mice with tumor xenografts.
Hong Gao	China	7195	Effect of extraction methods on physicochemical properties and biological activities of water-soluble polysaccharide from <i>Schizophyllum commune</i>
Jintao Yang	China	7204	Separation and Purification of Polysaccharides from <i>Pleurotus citrinopileatus</i> by Different Extraction Methods
Chunying Yuan	China	7212	Effect of Polysaccharide and Triterpenes from <i>Ganoderma lucidum</i> on Adipogenesis and lipolysis of Two Mammalian Adipocytes
Ivan Jakopovich	Croatia	7217	The effects of blended medicinal mushroom extracts with or without 5-fluorouracil on survival and various antitumor parameters in mouse CT26.WT colon cancer
Chin-Chu Chen	Chinese Taipei	7220	Renal protective effect of <i>Cordyceps militaris</i> mycelia in cisplatin-induced nephrotoxicity
Chee-Jen Chen	South Africa	7230	An Investigation on the General Anticancer Activities of <i>Phellinus linteus</i>
Xiang Li	China	7260	Review of Pharmacological Effects of <i>Agaricus blazei</i> Murill and its Application in Dietotherapy
S8: Industrialization of Medicinal Mushrooms Products (including Management, Marketing, Laws and Regulations, Standardization)			
Yaping Bu	China	8203	The study of rapid non-destructive test for the nutritional ingredients of <i>Pleurotus ostreatus</i> by FTIR
Yan Liu	China	8237	Statistical optimization and evaluation of solid-state fermentation by <i>Ganoderma lucidum</i> using highland barley