

POSTER SESSION 1

1. **Jin-Woo Jeong, Cheng-Yun Jin, Cheol Park, Su Hyun Hong, Gi-Young Kim, Yong Kee Jeong, Yung Hyun Choi and Jae-Dong Lee** - Induction of apoptosis by cordycepin *via* reactive oxygen species generation in human leukemia cells.
2. **R.G.P.T. Jayasooriya, Sang-Hyuck Kang, Chang-Hee Kang, Yeon-Jeong Jang, Seung-Hyun Jung, Yung Hyun Choi, Jae-Dong Lee, Yeong-Min Park and Gi-Young Kim** - Effect of water-soluble proteoglycan isolated from *Agaricus brasiliensis* on the maturation of murine bone marrow-derived dendritic cells.
3. **S. Pecic, M. Veljovic, S. Despotovic, N. Nikicevic and Niksic M.** - Antioxidant capacity of plum brandy with *Ganoderma lucidum*.
4. **Nina Belova** - Edible fungi as additional source of S-containing components in diets.
5. **Marcin Grąz, Izabela Dolata, Ewa Langner, Józef Kaczor and Wojciech Rzeski** - Evaluation of anticancer activity of extracts from *Piptoporus betulinus* cultivated under laboratory conditions against colon carcinoma cells.
6. **Jin-Woo Jeong, Cheng-Yun Jin, Gi-Young Kim, Jae-Dong Lee, Cheol Park, Wun-Jae Kim and Yung Hyun Choi** - Inhibitory effect of cordycepin, a nucleoside isolated from *Cordyceps militaris*, on lipopolysaccharide-induced proinflammatory mediator and cytokine production in BV2 microglial cells.
7. **Marijana Blažić and Ljerka Marija Lalić** - Physical, chemical and visual properties of cottage cheese with dried mushrooms.
8. **Krzysztof Grzywnowicz, Tadeusz Walczyński, Krzysztof Sobczyk, Jerzy Żuchowski, Magdalena Jaszek and Monika Prendecka** - Protease inhibitors from fungi as bioactive metabolites of potential pharmacological value.
9. **N. Matjushkova, M. Dambrova, E. Svilpe and Muiznieks I.** - Aphrodisiacal properties of Shiitake and Oyster mushroom extracts.
10. **Maja Kozarski, Anita Klaus, Miomir Niksic, Dragica Jakovljevic and Leo L.J.D. van Griensven** - Medicinal mushroom polysaccharide extracts are possible sources of anti-oxidant food supplements.
11. **Deuk-Sil Oh, An-Jin Wi, Whoa-Shig Park, Hyun-Jae Shin and Wol-Suk Cha** - The optimal cultural conditions and anti-diabetic effects of *Mycocleptodonoides aitchisonii*.
12. **Nevena Grdović, Svetlana Dinić, Mirjana Mihailović, Aleksandra Uskoković, Jelena Arambašić, Jelena Marković, Goran Poznanović, Senka Vidović, Ibrahim Mujić and Melita Vidaković** - Antioxidant activities of two edible mushroom extracts: health benefit and aside risk.
13. **Nidhi Shrivastava** - *In silico* screening and analysis of *Ganoderma* spp. for potential anti-cancer

activities.

14. **Yosuke Nishitani, Ling Zhang, Kazuki Kanazawa, and Masashi Mizuno** - Lentinan ameliorates gut inflammation in an *in vivo* and an *in vitro* model: a possible inhibition mechanism on IL-8 mRNA expression in intestinal epithelial cells.
15. **Chang-Hee Kang, R.G.P.T. Jayasooriya, Sang-Hyuck Kang, Yeon-Jeong Jang, Seung-Hyun Jung, Yung Hyun Choi, Jae-Dong Lee, Yeong-Min Park and Gi-Young Kim** - Proteoglycan isolated from *Phellinus linteus* inhibits tumor growth through mechanisms leading to an activation of CD11c⁺CD8⁺DC and type I helper T cell-dominant immune state.
16. **Eun-Suk Son** - Effects of *Ganoderma lucidum* extracts on glycerol 3-phosphat acyltransferase activity and glucose uptake in muscle cells.
17. **K. Viitala, U. Aapola, H. Potila, E.-M. Savonen, A. Huhtala, T. Sarjala, H. Uusitalo** - Endophytic fungi - a new source of cure for retinal diseases associated with oxidative stress?
18. **K.H. Wong, H.Y. Chau and Peter C.K. Cheung** - Effect of micronization on chemical composition as well as *in vitro* anti-proliferative activity of three hot water-soluble polysaccharide-protein complexes isolated from mushroom sclerotia of *Pleurotus tuber-regium*.
19. **M.K. Lemieszek, C.P. Cardoso, A.I.R.N.A. Barros, F.H.F.M. Nunes, G. Marques, P. Pożarowski and Rzeski W.** - *Boletus edulis* polysaccharides induce cell cycle arrest in human colon cancer cells.
20. **M.K. Lemieszek, C.P. Cardoso, A.I.R.N.A. Barros, F.H.F.M. Nunes, G. Marques and Rzeski W.** - Isolation of edible mushrooms polysaccharides with antiproliferative activity.
21. **Anita Klaus, Maja Kozarski, Miomir Niksic, Dragica Jakovlevic and Leo J.L.D. van Griensven** – The edible mushroom *Laetiporus sulphureus* as natural source of antioxidants.
22. **Hyung-Jun Noh, Young-Ok Kim, Sun-Young Um, Seung-Eun Lee, Geum-Soog Kim, Jae-Han Cho and Ki-Hyun Kim** - Chemical constituents of *Hericium erinaceum* and their neuronal protective effects.
23. **Jeong Hwa Kim, Youn Jeong Cha, Jae Seong Lee, Ki Nam Yoon, Nuhu Alam, Mi Ja Shim, Min Woong Lee, U Youn Lee and Tae Soo Lee** - Antitumor and immuno-potentiating activity of crude polysaccharides extracted from fruiting bodies of *Coprinus comatus* on Mouse Sarcoma 180.
24. **Milena Savic and Miomir Niksic** – The antioxidant activity and content of Selenium in some industrial mushrooms.
25. **Young-Cheoul Ju, Jeong-Hoon Jang, Seung-Chan Jeong and Jong-Soo Lee** - Characterization of a new antihypertensive angiotensin I-converting enzyme inhibitory peptide from *Pleurotus cornucopiae*.
26. **Myoung-Jun Jang, Jeong-Han Kim, Yun-Hae Lee and Young-Cheol Ju** - Analysis of nutritional and functional components of *Neolentinus lepideus*.

27. **İbrahim Kivrak, Mehmet Emin Duru, Mehmet Öztürk, Şeyda Kivrak, Aziz Türkoğlu and Mansur Harmandar** - Antioxidant activity and total phenolic and flavonoid content of *Tuber aestivum* Vittad.: an edible medicinal mushroom.
28. **Senka S. Vidović, Zoran Zeković, Ibrahim Mujić, Jelena Banić Simičić and Stela Jokic** - Mineral components and trace elements in ethanolic and supercritical extract of some wild mushrooms.
29. **Magdalena Jaszek, Monika Predecka, Katarzyna Kos and Krzysztof Grzywnowicz** - Multiple response of medicinal white rot fungus *Phellinus pini* to menadione-caused oxidative stress.
30. **Mikheil D. Asatiani, George Songulashvili, Vladimir Elisashvili, Eviatar Nevo and Solomon P. Wasser**- Effect of medicinal mushroom *Coprinus comatus* on NF-κB down regulation in MCF7 breast cancer cells.
31. **S. Sarasvathy, S. Vikineswary and Kuppusamy U.R.** – Antioxidant properties of mycelium extracts of selected indigenous *Ganoderma* spp.
32. **George Songulashvili, Gloria A. Jimenez-Tobón, Charles Jaspers and Michel J. Penninckx** - Basidiomycetes laccase as efficient agents for the elimination of estrogenic activity.
33. **Jasmina Ćilerdžić, Mirjana Stajić and Jelena Vukojević** - Antioxidative activity of ethanol extract from *Ganoderma lucidum* basidiocarp.
34. **Jong-In Choi, Jeong-Han Kim, Jeong-Hyun Chi, and Young-Cheoul Ju** - Cultivation techniques and medicinal properties of the gold oyster mushroom (*Pleurotus cornucopiae* var. *citrinopileatus*)