TABLE OF CONTENTS

1  Mechanism of Nitric Oxide Production in Macrophages Treated with Medicinal Mushroom Extracts (Review)  
   Mian Huang, Xiaodong Mei, & Song Zhang

7  Anti-Infective Properties of the Melanin-Glucan Complex Obtained from Medicinal Tinder Bracket Mushroom,  
   Fomes fomentarius (L.:Fr.) Fr. (Aphyllophoromycetidae)  
   Olga F. Seniuk, Leontiy F. Gorovoj, Galina V. Bektsova, Natalia O. Savichuk, Petr G. Rytik, Igor I. Kucherto,  
   Alla B. Prilutska, & Alexander I. Prilutsky

19  The Shaggy Inc Cap Medicinal Mushroom, Coprinus comatus (O.F.Mull.:Fr.) Pers. (Aphyllophoromycetidae)  
   Substances Interfere with H2O2 Induction of NF-κB Pathway through Inhibition of IκBα Phosphorylation in  
   MCF7 Breast Cancer Cells  
   Mikhail D. Atsian, Solomon P. Wasser, Evistat Nevo, Nili Ruimi, Jamal Mahajna & Abraham Z. Reznick

27  An Antifungal Protein from the Culinary-Medicinal Beech Mushroom, Hynsizygus marmoreus (Peck) Bigel.  
   (Aphyllophoromycetidae)  
   Tomohiro Suzuki, Kanako Umehara, Ai Tasnori, Yuka Kobayashi, Hideo Dohta, Hirofumi Hirai, & Hirokazu Kawagishi

33  Potential Activity of Aqueous Extract of Culinary-Medicinal Lion’s Mane Mushroom, Hericium erinaceus  
   (Bull.:Fr.) Pers. (Aphyllophoromycetidae) in Accelerating Wound Healing in Rats  
   Mahmood Ameen Abdullah, Atieh Abdollahi Fard, Vikineswary Sabaratnam, Koh-Hwi Wong, Umah Rani Kuppusamy, Noorlida Abdullah, & Salmah Ismail

41  Statistical Optimization of Polysaccharide Production by Submerged Cultivation of Lingzhi or Reishi  
   Medicinal Mushroom, Ganoderma lucidum (W.Curt.:Fr.) P. Karst. MTCC 1039 (Aphyllophoromycetidae)  
   Gurunathan Baskar, Shree Rajesh K. Lakshmi Jai Saritha, Risvana Begum Jinnah, & Renganathan Sahadevan

51  Production of Bioactive Expopoysaccharides from Bitter Medicinal Mushroom, Antrodia camphorata (M. Zang  
   et C.H. Su) Sh.H. Wu et al. (Aphyllophoromycetidae) in Submerged Cultivation  
   Ming-Toung Lung, Ching-Yi Lee, Wen-Xian Chen, & Ernest Huang

61  Preparation of Culinary-Medicinal Maitake Mushroom, Grifola frondosa (Dicks.:Fr.) S.F. Gray  
   (Aphyllophoromycetidae)-fermented Wheat and its Antioxidant Properties  
   Shih-Jeng Huang, Shu-Yao Tsai, Shih-Yi Lin, Chih-Hung Liang, Pei-Ying Lian & Jeng Leun Mau

73  Partial Purification and Characterization of Polyphenoloxidase from Culinary-Medicinal Royal Sun Mushroom  
   (the Himematsutake), Agaricus brasiliensis S. Wasser et al. (Aphyllophoromycetidae)  
   Atsuko Matsumoto-Akanuma, Satoshi Akanuma, Masuro Motoi, Akihiko Yamagishi, & Naohito Ohno

83  Long-Term Preservation, Regeneration, and Cultivation of Paecilomyces tenuipes (Peck) Samson  
   (Ascomycetes), an Entomopathogenic Fungus Inoculated into the Silkworm Larva of Bombyx mori  
   Sung Hee Nam, Chun Ru Li, Zeng-Zhi Li, Mei-Zhen Fan, Seok Woo Kang, Kwang Gill Lee, Joo Hong Yeo, Jae Sam Hwang, Ji  
   Young Chei, Sung Mi Han, & Ki Man Lee

93  Professor Shu-Ting Chang on his 80th Birthday  
   Solomon P. Wasser

96  The 6th International Medicinal Mushroom Conference, September 25 - 29, 2001 (Zagreb, Croatia)