

## 9. Department of Chemotherapy and Mycoses

- 1) Miyasaka T, Aoyagi T, Uchiyama B, Oishi K, Nakayama T, Kinjo Y, Miyazaki Y, Kunishima H, Hirakata Y, Kaku M, Kawakami K. A possible relationship of natural killer T cells with humoral immune response to 23-valent pneumococcal polysaccharide vaccine in clinical settings. *Vaccine*. 30:3304-3310, 2012.
- 2) Kimura M, Araoka H, Uchida N, Ohno H, Miyazaki Y, Fujii T, Nishida A, Izutsu K, Wake A, Taniguchi S, Yoneyama A. *Cunninghamella bertholletiae* pneumonia showing a reversed halo sign on chest computed tomography scan following cord blood transplantation. *Med Mycol*. 50:412-416, 2012.
- 3) Miyazaki H, Kobayashi R, Ishikawa H, Awano N, Yamagoe S, Miyazaki Y, Matsumoto T. Activation of COL1A2 promoter in human fibroblasts by *Escherichia coli*. *FEMS Immunol Med Microbiol*. 65:481-487, 2012.
- 4) Gyotoku H, Izumikawa K, Ikeda H, Takazono T, Morinaga Y, Nakamura S, Imamura Y, Nishino T, Miyazaki T, Kakeya H, Yamamoto Y, Yanagihara K, Yasuoka A, Yaguchi T, Ohno H, Miyazaki Y, Kamei K, Kanda T, Kohno S. A case of bronchial aspergillosis caused by *Aspergillus udagawae* and its mycological features. *Med Mycol*. 50:631-636, 2012.
- 5) Fukazawa H, Suzuki T, Wakita T, Murakami Y. A cell-based, microplate colorimetric screen identifies 7,8-benzoflavone and green tea gallate catechins as inhibitors of the hepatitis C virus. *Biol Pharm Bull*. 35:1320-1327, 2012.
- 6) Nagao JI, Cho T, Uno J, Ueno K, Imayoshi R, Nakayama H, Chibana H, Kaminishi H. *Candida albicans* Msi3p, a homolog of the *Saccharomyces cerevisiae* Sse1p of the Hsp70 family, is involved in cell growth and fluconazole tolerance. *FEMS Yeast Res*. 12:728-737, 2012.
- 7) Iwamura C, Shinoda K, Endo Y, Watanabe Y, Tumes DJ, Motohashi S, Kawahara K, Kinjo Y, Nakayama T. Regulation of memory CD4T cell pool size and function by NKT cells in vivo. *Proc Natl Acad Sci U S A*. 109:16992-16997, 2012.
- 8) Fukazawa H, Masumi A. The conserved 12-amino acid stretch in the inter-bromodomain region of BET family proteins functions as a nuclear localization signal. *Biol Pharm Bull*. 35:2064-2068, 2012.
- 9) Tarumoto N, Sujino K, Yamaguchi T, Umeyama T, Ohno H, Miyazaki Y, Maesaki S. A first report of *Rothia aeria* endocarditis complicated by cerebral hemorrhage. *Intern Med*. 51:3295-3299, 2012.
- 10) Yamamura H, Ohnishi Y, Ishikawa J, Ichikawa N, Ikeda H, Sekine M, Harada T, Horinouchi S, Otoguro M, Tamura T, Suzuki K, Hoshino Y, Arisawa A, Nakagawa Y, Fujita N, Hayakawa M. Complete genome sequence of the motile actinomycete *Actinoplanes missouriensis* 431(T) (= NBRC 102363(T)). *Stand Genomic Sci*. 7:294-303, 2012.
- 11) Murakami Y, Fukasawa M, Kaneko Y, Suzuki T, Wakita T, Fukazawa H. Selective estrogen receptor modulators inhibit hepatitis C virus infection at multiple steps of the virus life cycle. *Microbes Infect*. 15:45-55, 2013.
- 12) Umeyama T, Ohno H, Minamoto F, Takagi T, Tanamachi C, Tanabe K, Kaneko Y, Yamagoe S, Kishi K, Fujii T, Takemura H, Watanabe H, Miyazaki Y. Determination of Epidemiology of Clinically Isolated *Cryptococcus neoformans* Strains in Japan by Multilocus Sequence Typing. *Jpn J Infect Dis*. 66:51-55, 2013.
- 13) Tanaka AR, Noguchi K, Fukazawa H, Igarashi Y, Arai H, Uehara Y. p38MAPK and Rho-dependent kinase are involved in anoikis induced by anicequol or 25-hydroxycholesterol in DLD-1 colon cancer cells. *Biochem Biophys Res Commun*. 430:1240-1245, 2013.
- 14) Zheng H, Miyakawa T, Sawano Y, Yamagoe S, Tanokura M. Expression, high-pressure refolding and purification of human leukocyte cell-derived chemotaxin 2 (LECT2).. *Protein Expr Purif*. 88:221-229, 2013.
- 15) Nagi M, Tanabe K, Nakayama H, Yamagoe S, Umeyama T, Oura T, Ohno H, Kajiwara S, Miyazaki Y. Serum cholesterol promotes the growth of *Candida glabrata* in the presence of fluconazole. *J Infect Chemother*. 19:138-143, 2013.
- 16) Sugiura K, Sugiura N, Yagi T, Iguchi M, Ohno H, Miyazaki Y, Akiyama M. Cryptococcal cellulitis in a patient with bullous pemphigoid. *Acta Derm Venereol*. 93:187-188, 2013.

- 17) Okumura A, Suzuki T, Miyatake H, Okabe T, Hashimoto Y, Miyakawa T, Zheng H, Unoki-Kubota H, Ohno H, Dohmae N, Kaburagi Y, Miyazaki Y, Tanokura M, Yamagoe S. Leukocyte cell-derived chemotaxin 2 is a zinc-binding protein. *FEBS Lett.* 587:404-409, 2013.
- 18) Niimi K, Woods MA, Maki K, Nakayama H, Hatakenaka K, Chibana H, Ikeda F, Ueno K, Niimi M, Cannon RD, Monk BC. Reconstitution of high-level micafungin resistance detected in a clinical isolate of *Candida glabrata* identifies functional homozygosity in glucan synthase gene expression. *J Antimicrob Chemother.* 67:1666-1676, 2012.
- 19) Tarumoto N, Kinjo Y, Ueno K, Okawara A, Watarai H, Taniguchi M, Maesaki S, Miyazaki Y. A limited role for iNKT cells in controlling systemic *Candida albicans* infection. *Jpn J Infect Dis.* 65:522-526, 2012.
- 20) Kohno S, Izumikawa K, Yoshida M, Takesue Y, Oka S, Kamei K, Miyazaki Y, Yoshinari T, Kartsonis NA, Niki Y. A double-blind comparative study of the safety and efficacy of caspofungin versus micafungin in the treatment of candidiasis and aspergillosis. *Eur J Clin Microbiol Infect Dis.* 32:387-397, 2013.