

9. Department of Chemotherapy and Mycoses

- 1) Nagi M, Tanabe K, Ueno K, Nakayama H, Aoyama T, Chibana H, Yamagoe S, Umeyama T, Oura T, Ohno H, Kajiwaru S, Miyazaki Y. The *Candida glabrata* sterol scavenging mechanism, mediated by the ATP-binding cassette transporter Aus1p, is regulated by iron limitation. *Mol Microbiol.* 88(2):371-81, 2013.
- 2) Mihara T, Izumikawa K, Kakeya H, Ngamskulrungraj P, Umeyama T, Takazono T, Tashiro M, Nakamura S, Imamura Y, Miyazaki T, Ohno H, Yamamoto Y, Yanagihara K, Miyazaki Y, Kohno S. Multilocus sequence typing of *Cryptococcus neoformans* in non-HIV associated cryptococcosis in Nagasaki, Japan. *Med Mycol.* 51(3):252-60, 2013.
- 3) Ueno K, Okawara A, Yamagoe S, Naka T, Umeyama T, Utena-Abe Y, Tarumoto N, Niimi M, Ohno H, Doe M, Fujiwara N, Kinjo Y, Miyazaki Y. The mannan of *Candida albicans* lacking β -1,2-linked oligomannosides increases the production of inflammatory cytokines by dendritic cells. *Med Mycol.* 51(4):385-95, 2013.
- 4) Kaneko Y, Miyagawa S, Takeda O, Hakariya M, Matsumoto S, Ohno H, Miyazaki Y. Real-time microscopic observation of *Candida* biofilm development and effects due to micafungin and fluconazole. *Antimicrob Agents Chemother.* 57(5):2226-30, 2013.
- 5) Hosogaya N, Miyazaki T, Nagi M, Tanabe K, Minematsu A, Nagayoshi Y, Yamauchi S, Nakamura S, Imamura Y, Izumikawa K, Kakeya H, Yanagihara K, Miyazaki Y, Kugiyama K, Kohno S. The heme-binding protein Dap1 links iron homeostasis to azole resistance via the P450 protein Erg11 in *Candida glabrata*. *FEMS Yeast Res.* 13(4):411-21, 2013.
- 6) Okubo Y, Wakayama M, Ohno H, Yamamoto S, Tochigi N, Tanabe K, Kaneko Y, Yamagoe S, Umeyama T, Shinozaki M, Nemoto T, Nakayama H, Sasai D, Ishiwatari T, Shimodaira K, Yamamoto Y, Kamei K, Miyazaki Y, Shibuya K. Histopathological study of murine pulmonary cryptococcosis induced by *Cryptococcus gattii* and *Cryptococcus neoformans*. *Jpn J Infect Dis.* 66(3):216-21, 2013.
- 7) Kinjo Y, Kitano N, Kronenberg M. The role of invariant natural killer T cells in microbial immunity. *J Infect Chemother.* 19:560-70, 2013.
- 8) Okubo Y, Tochigi N, Wakayama M, Shinozaki M, Nakayama H, Ishiwatari T, Shimodaira K, Nemoto T, Ohno H, Kaneko Y, Makimura K, Uchida K, Miyazaki Y, Yamaguchi H, Shibuya K. How Histopathology Can Contribute to an Understanding of Defense Mechanisms against Cryptococci. *Mediators Inflamm.* 2013(2013):465319, 2013.
- 9) Migiyama Y, Kaneko Y, Yanagihara K, Morohoshi T, Morinaga Y, Nakamura S, Miyazaki T, Hasegawa H, Izumikawa K, Kakeya H, Hasegawa H, Kohno S. Efficacy of AiiM, an N-acylhomoserine lactonase, against *Pseudomonas aeruginosa* in a mouse model of acute pneumonia. *Antimicrob Agents Chemother.* 57(8):3653-8, 2013.
- 10) Ohno H, Tanabe K, Umeyama T, Kaneko Y, Yamagoe S, Miyazaki Y. Application of nested PCR for diagnosis of histoplasmosis. *J Infect Chemother.* 19(5):999-1003, 2013.
- 11) Miyasaka T, Akahori Y, Toyama M, Miyamura N, Ishii K, Saijo S, Iwakura Y, Kinjo Y, Miyazaki Y, Oishi K, Kawakami K. Dectin-2-dependent NKT cell activation and serotype-specific antibody production in mice immunized with pneumococcal polysaccharide vaccine. *PLoS One.* 8(10):e78611, 2013.
- 12) Norkaew T, Ohno H, Sriburee P, Tanabe K, Tharavichitkul P, Takam P, Puengchan T, Burmrungsri S, Miyazaki Y. Detection of environmental sources of *Histoplasma capsulatum* in Chiang Mai, Thailand by nested PCR. *Mycopathologia.* 176(5):395-402, 2013.
- 13) Kaneko Y, Fukazawa H, Ohno H, Miyazaki Y. Combinatory effect of fluconazole and FDA-approved drugs against *Candida albicans*. *J Infect Chemother.* 19(6):1141-5, 2013.

- 14) Seki M, Ohno H, Gotoh K, Motooka D, Nakamura S, Iida T, Miyazaki Y, Tomono K. Allergic bronchopulmonary mycosis due to co-infection with *Aspergillus fumigatus* and *Schizophyllum commune*. IDCases. 1:5-8, 2014.
- 15) Murakami Y, Fukasawa M, Kaneko Y, Suzuki T, Wakita T, Fukazawa H. Retinoids and rexinoids inhibit hepatitis C virus independently of retinoid receptor signaling. Microbes Infect. 16(2):114-22, 2014.