

9. Department of Chemotherapy and Mycoses

- 1) Tomita H, Muroi E, Takenaka M, Nishimoto K, Kakeya H, Ohno H, Miyazaki Y, Utani A. *Rhizomucor variabilis* infection in human cutaneous mucormycosis. Clin Exp Dermatol. 36:312-314, 2011.
- 2) Nakayama H, Ueno K, Uno J, Nagi M, Tanabe K, Aoyama T, Chibana H, Bard M. Growth defects resulting from inhibiting ERG20 and RAM2 in *Candida glabrata*. FEMS Microbiology letters. 317:27-33, 2011.
- 3) Tsuda K, Nishiya N, Umeyama T, Uehara Y. Identification of LY83583 as a specific inhibitor of *Candida albicans* MPS1 protein kinase. Biochem Biophys Res Commun. 409:418-423, 2011.
- 4) Takahashi S, Toyoda A, Sekiyama Y, Takagi H, Nogawa T, Uramoto M, Suzuki R, Koshino H, Kumano T, Panthee S, Dairi T, Ishikawa J, Ikeda H, Sakaki Y, Osada H. Reveromycin A biosynthesis uses RevG and RevJ for stereospecific spiroacetal formation. Nat Chem Biol. 7:461-468, 2011.
- 5) Kinjo Y, Ueno K. iNKT cells in microbial immunity: recognition of microbial glycolipids. Microbiol Immunol. 55:472-482, 2011.
- 6) Miyazaki T, Izumikawa K, Yamauchi S, Inamine T, Nagayoshi Y, Saito T, Seki M, Kakeya H, Yamamoto Y, Yanagihara K, Miyazaki Y, Yasuoka A, Kohno S. The glycosylphosphatidylinositol-linked aspartyl protease Yps1 is transcriptionally regulated by the calcineurin-Crz1 and Slt2 MAPK pathways in *Candida glabrata*. FEMS Yeast Res. 11:449-456, 2011.
- 7) Kobayashi T, Kakeya H, Miyazaki T, Izumikawa K, Yanagihara K, Ohno H, Yamamoto Y, Tashiro T, Kohno S. Synergistic antifungal effect of lactoferrin with azole antifungals against *Candida albicans* and a proposal for a new treatment method for invasive candidiasis. Jpn J Infect Dis. 64:292-296, 2011.
- 8) Ueno K, Matsumoto Y, Uno J, Sasamoto K, Sekimizu K, Kinjo Y, Chibana H. Intestinal Resident Yeast *Candida glabrata* Requires Cyb2p-Mediated Lactate Assimilation to Adapt in Mouse Intestine. PLoS One. 6:e24759, 2011.
- 9) Kinjo Y, Illarionov PA, Vela JL, Pei B, Girardi E, Li X, Li Y, Imamura M, Kaneko Y, Okawara A, Miyazaki Y, Gomez-Velasco A, Rogers P, Dahesh S, Uchiyama S, Khurana A, Kawahara K, Yashikaya H, Andrew PA, Wong CH, Kawakami K, Nizet V, Besra GS, Tsuji M, Zajonc DM, Kronenberg M. Invariant natural killer T cells recognize glycolipids from pathogenic Gram-positive bacteria. Nat Immunol. 12:966-974, 2011.
- 10) Kohno S, Izumikawa K, Kakeya H, Miyazaki Y, Ogawa K, Amitani R, Niki Y, Kurashima A. Clinical efficacy and safety of micafungin in Japanese patients with chronic pulmonary aspergillosis: a prospective observational study. Med Mycol. 49:688-693, 2011.
- 11) Kaneko Y, Obata Y, Nishino T, Kakeya H, Miyazaki Y, Hayasaka T, Setou M, Furusawa A, Kohno S. Imaging mass spectrometry analysis reveals an altered lipid distribution pattern in the tubular areas of hyper-IgA murine kidneys. Exp Mol Pathol. 91:614-621, 2011.
- 12) Tanabe K, Lamping E, Nagi M, Okawada A, Holmes AR, Miyazaki Y, Cannon RD, Monk BC, Niimi M. Chimeras of *Candida albicans* Cdr1p and Cdr2p reveal features of pleiotropic drug resistance transporter structure and function. Mol Microbiol. 82:416-433, 2011.
- 13) Girardi E, Yu ED, Li Y, Tarumoto N, Pei B, Wang J, Illarionov PA, Kinjo Y, Kronenberg M, Zajonc DM. Unique Interplay between Sugar and Lipid in Determining the Antigenic Potency of Bacterial Antigens for NKT Cells. PLoS Biol. 9:e1001189, 2011.
- 14) Miyazaki T, Izumikawa K, Nagayoshi Y, Saito T, Yamauchi S, Morinaga Y, Seki M, Kakeya H, Yamamoto Y, Yanagihara K, Miyazaki Y, Kohno S. Functional characterization of the regulators of calcineurin in *Candida glabrata*. FEMS Yeast Res. 11:621-630, 2011.