

## 9. Department of Chemotherapy and Mycoses

- 1) Nagi M, Tanabe K, Nakayama H, Ueno K, Yamagoe S, Umeyama T, Ohno H, Miyazaki Y. Iron-depletion promotes mitophagy to maintain mitochondrial integrity in pathogenic yeast *Candida glabrata*. *Autophagy*. 2;12(8):1259-71. 2016
- 2) Nakamura S, Iwanaga N, Seki M, Fukudome K, Oshima K, Miyazaki T, Izumikawa K, Yanagihara K, Miyazaki Y, Mukae H, Kohno S. Toll-like receptor 4 agonistic antibody promotes host defense against chronic *Pseudomonas aeruginosa* lung infection in mice. *Infect Immun.* 84(7):1986-93, 2016.
- 3) Ashizawa N, Nakamura S, Ide S, Tashiro M, Takazono T, Imamura Y, Miyazaki T, Izumikawa K, Yamamoto Y, Yanagihara K, Miyazaki Y, Kohno S. Successful Treatment of aspergillus empyema using open window thoracostomy salvage treatment and the local administration of an antifungal agent. *Intern Mid.* 55(15):2093-9, 2016.
- 4) Takeda K, Imamura Y, Takazono T, Yoshida M, Ide S, Hirano K, Tashiro M, Saijo T, Kosai K, Morinaga Y, Nakamura S, Kurihara S, Tsukamoto M, Miyazaki T, Tashiro T, Kohno S, Yanagihara K, Izumikawa K. The risk factors for developing of chronic pulmonary aspergillosis in nontuberculous mycobacteria patients and clinical characteristics and outcomes in chronic pulmonary aspergillosis patients coinfected with nontuberculous mycobacteria. *Med Mycol.* 54;120-7:2016.
- 5) Nishikawa H, Miyazaki T, Nakayama H, Minematsu A, Yamauchi S, Yamashita K, Takazono T, Shimamura S, Nakamura S, Izumikawa K, Yanagihara K, Kohno S, Mukae H. Roles of vacuolar H<sup>+</sup>-ATPase in the oxidative stress response of *Candida glabrata*. *FEMS Yeast Res.* 16(5):2016.
- 6) Hashimoto J, Shin-ya K, Komatsu M, Ikeda H, Kuroda M, Sekizuka T, Ishikawa J, Hamano Y. tRNA-dependent aminoacylation of an amino-sugar intermediate in the biosynthesis of a streptothrinicin-related antibiotic. *Appl. Environ. Microbiol.* 82:3640-3648, 2016.
- 7) Kawarai T, Narisawa N, Yoneda S, Tsutsumi Y, Ishikawa J, Hoshino Y, Senpuku H. Inhibition of *Streptococcus mutans* biofilm formation using extracts from Assam tea compared to green tea. *Arch. Oral. Biol.* 68:73-82, 2016.
- 8) Yo A, Yamamoto M, Nakayama T, Ishikawa J, Makimura K. Detection and identification of *Trichophyton tonsurans* from clinical isolates and hairbrush samples by loop-mediated isothermal amplification system. *J. Dermatol.* 43:1037-1043, 2016.
- 9) Zheng H, Miyakawa T, Sawano Y, Asano A, Okumura A, Yamagoe S, Tanokura M. Crystal Structure of Human Leukocyte Cell-derived Chemotaxin 2 (LECT2) Reveals a Mechanistic Basis of Functional Evolution in a Mammalian Protein with an M23 Metalloendopeptidase Fold. *J Biol Chem.* 291(33):17133-42, 2016
- 10) Okumura A, Unoki-Kubota H, Yoshida-Hata N, Yamamoto-Honda R, Yamashita S, Iwata M, Tobe K, Kajio H, Noda M, Katai N, Yamagoe S, Kaburagi Y. Reduced serum level of leukocyte cell-derived chemotaxin 2 is associated with the presence of diabetic retinopathy. *Clin Chim Acta.* 463:145-149, 2016
- 11) Yoshida M, Takazono T, Tashiro M, Saijo T, Morinaga Y, Yamamoto K, Nakamura S, Imamura Y, Miyazaki T, Sawai T, Nishino T, Izumikawa K, Yanagihara K, Mukae H, Kohno S. Recurrent *Streptococcus agalactiae* Toxic Shock Syndrome triggered by a tumor necrosis factor- $\alpha$  inhibitor. *Intern Med.* 55(21):3211-3214, 2016

- 12) Hirayama T, Takazono T, Horai Y, Tashiro M, Saijo T, Kosai K, Morinaga Y, Kurihara S, Nakamura S, Imamura Y, Miyazaki T, Tsukamoto M, Izumikawa K, Yanagihara K, Kawakami A, Kohno S. Pulmonary Nocardiosis Caused by Nocardia concava with a Literature Review. Intern Med. 55(9):1213-7,.2016.
- 13) Oshima K, Nakamura S, Iwanaga N, Takemoto K, Miyazaki T, Yanagihara K, Miyazaki Y, Mukae H, Kohno S, Izumikawa K. Efficacy of High-Dose Meropenem (6 g/day) in the Treatment of Experimental Murine Pneumonia Induced by Meropenem-resistant *Pseudomonas aeruginosa*. Antimicrob Agents Chemother.61(1) : e02056-16. 2017.
- 14) Kajihara T, Nakamura S, Iwanaga N, Oshima K, Hirano K, Miyazaki T, Izumikawa K, Yanagihara K, Miyazaki Y, Hattori N, Kohno N, Kohno S, Mukae H. Comparative efficacies of daptomycin, vancomycin, and linezolid in experimental enterococcal peritonitis. J Infect Chemother. S1341-321X(16)30262-8.2016.
- 15) Kimura M, Araoka H, Yamamoto H, Asano-Mori Y, Nakamura S, Yamagoe S, Ohno H, Miyazaki Y, Abe M, Yuasa M, Kaji D, Kageyama K, Nishida A, Ishiwata K, Takagi S, Yamamoto G, Uchida N, Izutsu K, Wake A, Taniguchi S, Yoneyama A. Clinical and microbiological characteristics of breakthrough candidemia in allogeneic hematopoietic stem cell transplant recipients in a Japanese hospital. Antimicrob Agents Chemother. 61(4). pii: e01791-16. 2016.
- 16) Higashi Y, Nakamura S, Ashizawa N, Oshima K, Tanaka A, Miyazaki T, Izumikawa K, Yanagihara K, Yamamoto Y, Miyazaki Y, Mukae H, Kohno S. Pulmonary Actinomycosis Mimicking Pulmonary Aspergilloma and a Brief Review of the Literature. Intern Med. 56(4):449-453.2017.