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主な研究課題・発表代表論文

ゲノム・機能分子解析学講座（旧微生物学講座）Genomics and Molecular Analysis
研究領域　生体情報医科学
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主な研究課題
・細菌のゲノム・分子遺伝学
・薬剤耐性菌
・免疫応答に関わる機能分子解析
・免疫反応のイメージング

発表代表論文
1）Tamehiro N, et al.：Overexpression of RhoH permits to bypass the pre-TCR checkpoint. PLOS ONE., 10（6）: e0131047. 2015.
2）Rahman MA, et al.： An epistatic effect of apaf-1 and caspase-9 on chlamydial infection. Apoptosis., 20（10）: 1271-1280. 2015.
3）Matsutani M, et al.：Complete genomic DNA sequence of the East Asian spotted fever disease agent Rickettsia japonica. PLOS ONE., 8（9）: e71861. 2013.
4）Hasegawa A, et al.：Crucial role for CD69 in the pathogenesis of dextran sulphase sodium-induced colitis. PLOS ONE., 8（6）: e65494. 2013.
5）Ogino H, et al.：Complete genome sequence of NBRC3288, a unique cellulose-nonproducing strain of Gluconacetobacter xylinus isolated from vinegar. J. Bacteriol., 193（24）: 6997-9. 2011.
6）Hasegawa A, et al.：Color-coded real-time cellular imaging of lung T-lymphocyte accumulation and focus formation in a mouse asthma model. J. Allergy Clin. Immunol., 125（2）: 461-68. 2010.
7）Miki-Hosokawa T, et al.：CD69 controls the pathogenesis of allergic airway inflammation. J. Immunol., 183（12）: 8203-15. 2009.
8）Hanaoka N, et al.：Diagnostic assay for Rickettsia japonica. Emerg. Infect Dis., 15（12）: 1994-7. 2009.
9）Patrick MS, et al.：Gasp, a Grb2-associating protein, is critical for positive selection of thymocytes. Proc Natl Acad Sci USA., 106（38）: 16345-50. 2009.
10）Azuma Y, et al.：Whole-genome analyses reveal genetic instability of Acetobacter pasteurianus. Nucleic Acids Res., 37（17）: 5768-83. 2009.