

細胞機能解析支援部門-研究業績-

Publication List -Division of Cell Function Research Support-

原著論 *Original Papers*

1. Bayarsaikhan, G., Miyakoda, M., Yamamoto, K., Kimura, D., Akbari, M., Yuda, M., and Yui, K.*
Activation and exhaustion of antigen-specific CD8+T cells occur in different splenic compartments during infection with *Plasmodium berghei*.
Parasitology International **66 (3)**: 227-235 (2017)
2. Yamamoto, K.*, and Mak, T.W.
Mechanistic aspects of mammalian cell size control.
Development, Growth & Differentiation **59 (1)**: 33-40 (2017)
3. Ichinose, K.* , Ushigusa, T., Nishino, A., Nakashima, Y., Suzuki, T., Horai, Y., Koga, T., Kawashiri, S.Y., Iwamoto, N., Tamai, M., Arima, K., Nakamura, H., Obata, Y., Yamamoto, K., Origuchi, T., Nishino, T., Kawakami, A., and Tsokos, G.C.*
Lupus nephritis IgG induces the expression of calcium/calmodulin-dependent kinase type IV in podocytes and alters their function.
Arthritis & Rheumatology **68 (4)**: 944-952 (2016)
4. Itsumi, M., Inoue, S., Elia, A.J., Murakami, K., Sasaki, M., Lind, E.F., Brenner, D., Harris, I.S., Chio, I.I., Afzal, S., Cairns, R.A., Cescon, D.W., Elford, A.R., Ye, J., Lang, P.A., Li, W.Y., Wakeham, A., Duncan, G.S., Haight, J., You-Ten, A., Snow, B., Yamamoto, K., Ohashi, P.S.* , and Mak, T.W.*
Idh1 protects murine hepatocytes from endotoxin-induced oxidative stress by regulating the intracellular NADP(+)/NADPH ratio.
Cell Death & Differentiation **22 (11)**: 1837-1845 (2015)

5. Harris, I.S., Trelor, A.E., Inoue, S., Sasaki, M., Gorrini, C., Lee, K.C., Yung, K.Y., Knobbe-Thomsen, C.B., Brenner, D., Cox, M.A., Elia, A., Thorsten, B., Cescon, D.W., Adeoye, A., Brüstlel, A., Molyneux, S.D., Mason, J.M., Blaser, H., Li, W.Y., Yamamoto, K., Wakeham, A., Berman, H.K., Khokha, R., Done, S., Kavanagh, T.J., Lam, C.W., and Mak, T.W.*

Glutathione and thioredoxin antioxidant pathway synergize to drive cancer initiation and progression.

Cancer Cell **27 (2)**: 211-222 (2015)

6. Yamamoto, K., Gandin, V., Sasaki, M., McCracken, S., Li, W., Silvester, J.L., Elia, A.J., Wang, F., Wakutani, Y., Alexandrova, R., Oo, Y.D., Mullen, P.J., Inoue, S., Itsumi, M., Lapin, V., Haight, J., Wakeham, A., Shahinian, A., Ikura, M., Topisirovic, I., Sonenberg, N., and Mak, T.W.*

Largen: a molecular regulator of mammalian cell size control.

Molecular Cell **53 (6)**: 904-915 (2014)

総説 *Reviews*

1. 山本一男

哺乳類の細胞サイズを規定する分子基盤

実験医学 **34**: 217-222 (2016)

2. 山本一男

細胞の大きさを規定する分子基盤～脊椎動物特異的細胞サイズ調節因子 Largen の同定

化学と生物 **53**: 141-142 (2015)

3. 山本一男

哺乳類において細胞の大きさを制御するタンパク質 Largen

ライフサイエンス 新着論文レビュー <http://first.lifesciencedb.jp/archives/8552#more-8552> (2014)