

＜発表論文（下線は受賞者、責任者に「\*」）＞

1. Premetastasis. \*Maru, Y. *Cold Spring Harb Perspect Med*, 2019.  
doi:10.1101/cshperspect.a036897.
2. Roles of EphA1/A2 and ephrin-A1 in cancer. Ieguchi K, \*Maru Y. *Cancer Sci* 110: 841-848. 2019.  
doi: 10.1111/cas.13942.
3. Paradoxical counteraction by imatinib against cell death in myeloid progenitor 32D cells expressing p210BCR-ABL. Takita M, Tsukahara F, Mishima T, Ieguchi K, Yamada M, Honda H, \*Maru Y. *Oncotarget*, 9: 31682-31696. 2018. doi: 10.18632/oncotarget.25849.
4. Hepato-trained B220+CD11c+NK1.1+ cells regulate pre-metastatic niche formation in the lung. Hiratsuka S, Tomita T, Mishima T, Matsunaga Y, Omori T, Ishibashi S, Yamaguchi S, Hosogane T, Watarai H, Omori-Miyake M, Yamamoto T, Shibata N, Watanabe A, Aburatani H, Tomura M, High KA and \*Maru Y. *EMBO Mol. Med*: e8643. 2018. doi: 10.15252/emmm.201708643.
5. Inflammation and metastasis. \*Maru Y. *Springer*, 2016. doi: 10.1007/978-4-431-56024-1.
6. Innate immune response and cancer metastasis. In The innate immune response to non-infectious stressors: human and animal models. \*Maru Y. *Elsevier (Ed Amadori, M)*, 2016.  
doi: 10.1016/B978-0-12-801968-9.00006-4.
7. Eritoran inhibits S100A8-mediated TLR4/MD-2 activation and tumor growth by changing the immune microenvironment. Deguchi A, Tomita T, Ohto U, Takemura K, Kitao A, Akashi-Takamura, S, Miyake K, \*Maru Y. *Oncogene* 35: 1445-1456. 2016. doi: 10.1038/onc.2015.211.
8. The lung metastatic niche. \*Maru Y. *J Mol Med* 93: 1185-1192. 2015. doi: 10.1007/s00109-015-1355-2.
9. Direct melanoma cell contact induces stromal cell autocrine prostaglandin E2-EP4 receptor signaling that drives tumor growth, angiogenesis, and metastasis. Inada M, Takita M, Yokoyama S, Watanabe K, Tominari T, Matsumoto C, Hirata M, Maru Y., Maruyama T, Sugimoto Y, Narumiya S, Uematsu S, Akira S, Murphy G, Nagase H, \*Miyaura C. *J Biol Chem* 290: 29781-29793. 2015. doi: 10.1074/jbc.M115.669481.
10. Human serum amyloid A3 (SAA3) protein, expressed as a fusion protein with SAA2, binds the oxidized low density lipoprotein receptor. Tomita T, Ieguchi K, Sawamura T, \*Maru Y. *PLoS One* 10: e0118835. 2015. doi: 10.1371/journal.pone.0118835.
11. ZFC3H1, a zinc finger protein, modulates IL-8 transcription by binding with celastramycin A, a potential immune suppressor. Tomita T, Ieguchi K, Coin F, Kato Y, Kikuchi H, Oshima Y, Kurata S, \*Maru Y. *PLoS One* 9: e108957. 2014. doi: 10.1371/journal.pone.0108957.
12. ADAM12-cleaved ephrin-A1 contributes to lung metastasis. Ieguchi K, Tomita T, Omori T, Komatsu A, Deguchi A, Masuda J, Duffy SL, Coulthard MG, Boyd A, \*Maru Y. *Oncogene* 33: 2179-2190. 2014. doi: 10.1038/onc.2013.180.
13. Ephrin-A1 expression induced by S100A8 is mediated by the toll-like receptor 4. Ieguchi K, Omori T, Komatsu A, Tomita T, Deguchi A, \*Maru Y. *Biochem Biophys Res Commun* 440: 623-629. 2013. doi: 10.1016/j.bbrc.2013.09.119.
14. Serum amyloid A3 binds MD-2 to activate p38 and NF-κB pathways in a MyD88-dependent manner. Deguchi A, Tomita T, Omori T, Komatsu A, Ohto U, Takahashi S, Tanimura N, Akashi-Takamura S, Miyake K, \*Maru Y. *J Immunol* 191: 1856-1864. 2013. doi: 10.4049/jimmunol.1201996.

15. Primary tumours modulate innate immune signalling to create pre-metastatic vascular hyperpermeability foci. Hiratsuka S, Ishibashi S, Tomita T, Watanabe A, Akashi-Takamura S, Murakami M, Kijima H, Miyake K, Aburatani H, \*Maru Y. **Nature communications** 4: 1853. 2013. doi: 10.1038/ncomms2856.
16. p57Kip2 and p27Kip1 Cooperate to Maintain Hematopoietic Stem Cell Quiescence through Interactions with Hsc70. Zou P, Yoshihara H, Hosokawa K, Tai I, Shinmyozu K, Tsukahara F, Maru Y, Nakayama K, Nakayama Keiichi I, \*Suda T. **Cell Stem Cell** 9: 247-261. 2011. doi: 10.1016/j.stem.2011.07.003.
17. Imbalance of Clara cell-mediated homeostatic inflammation is involved in lung metastasis. Tomita T, Sakurai Y, Ishibashi S, \*Maru Y. **Oncogene** 30: 3429-3439. 2011. doi: 10.1038/onc.2011.53.
18. EphA1 interacts with integrin-linked kinase and regulates cell morphology and motility. Yamazaki T, Masuda J, Omori T, Usui R, Akiyama H, \*Maru Y. **J Cell Sci** 122: 243-255. 2009. doi: 10.1242/jcs.036467.
19. The S100A8-serum amyloid A3-TLR4 paracrine cascade establishes a pre-metastatic phase. Hiratsuka S, Watanabe A, Sakurai Y, Akashi-Takamura S, Ishibashi S, Miyake K, Shibuya M, Akira S, Aburatani H, \*Maru Y. **Nat Cell Biol** 10: 1349-1355. 2008. doi: 10.1038/ncb1794.
20. Ligand-independent activation of vascular endothelial growth factor receptor 1 by low-density lipoprotein. Usui R, Shibuya M, Ishibashi S, \*Maru Y. **EMBO reports** 8: 1155-1161. 2007. doi: 10.1038/sj.embo.7401103.
21. Tumour-mediated upregulation of chemoattractants and recruitment of myeloid cells predetermines lung metastasis. Hiratsuka S, Watanabe A, Aburatani H, \*Maru Y. **Nat Cell Biol** 8: 1369-1375. 2006. doi: 10.1038/ncb1507.
22. A novel putative tyrosine kinase receptor encoded by the eph gene. Hirai H, Maru Y, Hagiwara K, Nishida J, and \*Takaku F. **Science** 238: 1717-1720. 1987. doi: 10.1126/science.2825356.