

Representative Publications

2012

Qu, J., and Bishop, J. M. Nucleostemin maintains self-renewal of embryonic stem cells and promotes reprogramming of somatic cells to pluripotency. *J. of Cell Biol.* 197 (6) 731, 2012. PMID: PMC3373402

Liu, H., Radisky, D. C., Yang, D., Xu, R., Radisky, E. S., Bissell, M. J., and Bishop, J. M. MYC suppresses cancer metastasis by direct transcriptional silencing of α_v and β_3 integrin subunits. *Nat. Cell Biol.* 14 (6): 567, 2012. PMID: PMC3366024

Yuneva, M., Fan, T. W., Allen, T., Higashi, R. M., Ferraris, D. V., Tsukamoto, T., Matés, J. M., Alonso, F., J., Wang, C., Seo, Y., Chen, X., and Bishop, J. M. The metabolic profile of tumors depends on both the responsible genetic lesion and tissue type. *Cell Metabolism* 15 (2): 157, 2012. PMID: PMC3282107

2011

Allen, T., Zhu, C. Q., Jones, K. D., Yanagawa, N., Tsao, M.-S., and Bishop, J. M. Interaction between *MYC* and *MYC1* in the genesis and outcome of non-small cell lung cancer. *Cancer Res.* 71 (6): 2212, 2011. PMID: 3076947

2010

Yang, D., Liu, H., Goga, A., Kim, S., Yuneva, M., and Bishop, J.M. Therapeutic potential of a synthetic lethal interaction between the MYC proto-oncogene and inhibition of aurora-B kinase. *PNAS* 107: 13836, 2010. PMID: PMC2922232

2008

Refaeli, Y., Young, R. M., Turner, B. C., Duda, J., Field, K. A., and Bishop, J. M. The B cell antigen receptor and overexpression of *MYC* can cooperate in the genesis of B cell lymphomas. *PLoS Biology* 6: 1208, 2008. PMID: PMC2435152

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Tward, A. D., Jones, K. D., Yant, S., Cheung, S. T., Fan, S. T., Chen, X., Kay, M. A., Wang, R., and Bishop, J. M. Distinct pathways of genomic progression to benign and malignant tumors of the liver. *PNAS* 104: 14771, 2007. PMID: PMC1964540

Welm, A. L., Sneddon, J. B., Taylor, C., Nuyten, D. S. A., van de Vijver, M. J., Hasegawa, B.

H., and Bishop, J. M. The macrophage-stimulating protein pathway promotes metastasis in a mouse model for breast cancer and predicts poor prognosis in humans. PNAS 104:7570, 2007. PMID: PMC1855278

Goga, A., Yang, D., Tward, A., Morgan, D., and Bishop, J. M. Inhibition of Cdk 1 as a potential therapy for tumors over-expressing MYC. NMEJ 13:820, 2007. PMID: 17589519

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Welm, A. L., Kim, S., Welm, B. E., and Bishop, J. M. *MET* and *MYC* cooperate in mammary tumorigenesis. PNAS 102: 4324, 2005. PMID: PMC552784

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Wang, R., Ferrell, L.D., Faouzi, S., Maher, J.J., and Bishop, J.M. Activation of the Met receptor by cell attachment induces and sustains hepatocellular carcinomas in transgenic mice. J. Cell Biol., 153:1023, 2001. PMID: PMC2174327

1999

Felsher, D. W. and Bishop, J. M. Reversible tumorigenesis by MYC in hematopoietic lineages. Mol. Cell 4:199, 1999. PMID:10488335

Lallemand-Breitenbach, V., Guillemin, M. C., Janin, A., Daniel, M. T., Degos, L., Kogan, S., Bishop, J. M. and de The, H. Retinoic acid and arsenic synergize to eradicate leukemic cells in a mouse model of acute promyelocytic leukemia. J. Exp. Med. 189: 1043, 1999. PMID: PMC2193002

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