

1. Abraham P, Maliekal TT (2017) Single cell biology beyond the era of antibodies: relevance, challenges, and promises in biomedical research. *Cell Mol Life Sci* 74: 1177-1189
2. Suganya SA, Kochurani KJ, Nair MG, Louis JM, Sankaran S, Rajagopal R, Kumar KS, Abraham P, P GB, Sebastian P *et al* (2016) TM1-IR680 peptide for assessment of surgical margin and lymph node metastasis in murine orthotopic model of oral cancer. *Sci Rep* 6: 36726
3. Ammothumkandy A, Maliekal TT, Bose MV, Rajkumar T, Shirley S, Thejaswini B, Giri VG, Krishna S (2016) CD66 and CD49f expressing cells are associated with distinct neoplastic phenotypes and progression in human cervical cancer. *Eur J Cancer* 60: 166-178
4. Kochurani KJ, Suganya AA, Nair MG, Louis JM, Majumder A, Kumar SK, Abraham P, Dutta D, Maliekal TT (2015) Live detection and purification of cells based on the expression of a histone chaperone, HIRA, using a binding peptide. *Sci Rep* 5: 17218
5. Vinod BS, Maliekal TT, Anto RJ (2013) Phytochemicals as chemosensitizers: from molecular mechanism to clinical significance. *Antioxid Redox Signal* 18: 1307-1348
6. Richard V, Sebastian P, Nair MG, Nair SN, Malieckal TT, Santhosh Kumar TR, Pillai MR (2013) Multiple drug resistant, tumorigenic stem-like cells in oral cancer. *Cancer Lett* 338: 300-316
7. Bajaj J, Maliekal TT, Vivien E, Pattabiraman C, Srivastava S, Krishnamurthy H, Giri V, Subramanyam D, Krishna S (2011) Notch signaling in CD66+ cells drives the progression of human cervical cancers. *Cancer Res* 71: 4888-4897
8. Jayshree RS, Sreenivas A, Tessy M, Krishna S (2009) Cell intrinsic & extrinsic factors in cervical carcinogenesis. *Indian J Med Res* 130: 286-295
9. Maliekal TT, Bajaj J, Giri V, Subramanyam D, Krishna S (2008) The role of Notch signaling in human cervical cancer: implications for solid tumors. *Oncogene* 27: 5110-5114
10. Ramdass B, Maliekal TT, Lakshmi S, Rehman M, Rema P, Nair P, Mukherjee G, Reddy BK, Krishna S, Radhakrishna Pillai M (2007) Coexpression of Notch1 and NF-kappaB signaling pathway components in human cervical cancer progression. *Gynecol Oncol* 104: 352-361
11. Maliekal TT, Anto RJ, Karunakaran D (2004) Differential activation of Smads in HeLa and SiHa cells that differ in their response to transforming growth factor-beta. *J Biol Chem* 279: 36287-36292

12. Nair A, Venkatraman M, Maliekal TT, Nair B, Karunakaran D (2003) NF-kappaB is constitutively activated in high-grade squamous intraepithelial lesions and squamous cell carcinomas of the human uterine cervix. *Oncogene* 22: 50-58
13. Maliekal TT, Antony ML, Nair A, Paulmurugan R, Karunakaran D (2003) Loss of expression, and mutations of Smad 2 and Smad 4 in human cervical cancer. *Oncogene* 22: 4889-4897
14. Anto RJ, Maliekal TT, Karunakaran D (2000) L-929 cells harboring ectopically expressed RelA resist curcumin-induced apoptosis. *J Biol Chem* 275: 15601-15604
15. Maliekal TT, Sudha B, Paulose CS (1997) Kinetic parameters of Thymidine kinase and DNA synthesis during liver regeneration: role of thyroid hormones. *Life Sci* 60: 1867-1874