

CANCER BIOLOGY

- Transcriptional activity of ATF3 in the stromal compartment of tumors promotes cancer progression** Y.Buganim, S.Madar, Y.Rais, L.Pomeranec, E.Harel, H.Solomon, E.Kalo, I.Goldstein, R.Brosh, O.Haimov, C.Avivi, S.Polak-Charcon, N.Goldfinger, I.Barshack and V.Rotter **1749**
- Small GTPase RAB45-mediated p38 activation in apoptosis of chronic myeloid leukemia progenitor cells** S.Nakamura, T.Takemura, L.Tan, Y.Nagata, D.Yokota, I.Hirano, K.Shigeno, K.Shibata, M.Fujie, S.Fujisawa and K.Ohnishi **1758**
- Reversal of epigenetic silencing of AP-2alpha results in increased zinc uptake in DU-145 and LNCaP prostate cancer cells** P.B.Makhov, K.V.Golovine, A.Kutikov, D.J.Canter, V.A.Rybko, D.A.Roshchin, V.B.Matveev, R.G.Uzzo and V.M.Kolenko **1773**
- 14-3-3 σ and p63 play opposing roles in epidermal tumorigenesis** Q.Li, S.A.T.Sambandam, H.J.Lu, A.Thomson, S.-h.Kim, H.Lu, Y.Xin and Q.Lu **1782**
- TLR signaling-mediated differential histone modification at IL-10 and IL-12 promoter region leads to functional impairments in tumor-associated macrophages** S.Banerjee, K.Halder, A.Bose, P.Bhattacharya, G.Gupta, S.Karmahapatra, S.Das, S.Chaudhuri, S.Bhattacharyya Majumdar and S.Majumdar **1789**
- microRNA-499-5p promotes cellular invasion and tumor metastasis in colorectal cancer by targeting FOXO4 and PDCD4** X.Liu, Z.Zhang, L.Sun, N.Chai, S.Tang, J.Jin, H.Hu, Y.Nie, X.Wang, K.Wu, H.Jin and D.Fan **1798**
- Graded activation of the MEK1/MT1-MMP axis determines renal epithelial cell tumor phenotype** R.Mahimkar, M.A.Alfonso-Jaume, L.M.Cape, R.Dahiya and D.H.Lovett **1806**
- Downregulation of alpha-fetoprotein expression by LHX4: a critical role in hepatocarcinogenesis** T.-M.Hung, R.-H.Hu, C.-M.Ho, Y.-L.Chiu, J.-L.Lee, Y.-M.Jeng, D.T.-B.Shih and P.-H.Lee **1815**
- Silencing of the Wnt transcription factor TCF4 sensitizes colorectal cancer cells to (chemo-) radiotherapy** E.Kendziorra, K.Ahlborn, M.Spitzner, M.Rave-Fränk, G.Emons, J.Gaedcke, F.Kramer, H.A.Wolff, H.Becker, T.Beissbarth, R.Ebner, B.M.Ghadimi, T.Pukrop, T.Ried and M.Grade **1824**
- MicroRNA-150 directly targets MUC4 and suppresses growth and malignant behavior of pancreatic cancer cells** S.K.Srivastava, A.Bhardwaj, S.Singh, S.Arora, B.Wang, W.E.Grizzle and A.P.Singh **1832**
- Heme oxygenase-1: a molecular brake on hepatocellular carcinoma cell migration** C.Zou, H.Zhang, Q.Li, H.Xiao, L.Yu, S.Ke, L.Zhou, W.Liu, W.Wang, H.Huang, N.Ma, Q.Liu, X.Wang, W.Zhao, H.Zhou and X.Gao **1840**



MOLECULAR EPIDEMIOLOGY

- Interaction between functional polymorphic variants in cytokine genes, established risk factors and susceptibility to basal cell carcinoma of skin** C.Rizzato, F.Canzian, P.Rudnai, E.Gurzau, A.Stein, K.Koppova, K.Hemminki, R.Kumar and D.Campa **1849**
- Population-specific genetic associations with oesophageal squamous cell carcinoma in South Africa** H.Bye, N.J.Prescott, M.Matejicic, E.Rose, C.M.Lewis, M.I.Parker and C.G.Mathew **1855**
- Breast cancer susceptibility polymorphisms and endometrial cancer risk: a Collaborative Endometrial Cancer Study** C.S.Healey, S.Ahmed, ANECS, AOCS Management Group, T.A.O'Mara, K.Ferguson, LES- D.Lambrechts, D.A.Garcia-Dios, I.Vergote, F.Amant, NSECG, K.Howarth, M.Gorman, S.Hodgson, I.Tomlinson, PECS- H.P.Yang, J.Lissowska, L.A.Brinton, S.Chanock, M.Garcia-Closas, SASBAC- P.Hall, J.Liu, SEARCH- M.Shah, P.D.P.Pharaoh, D.J.Thompson, WISE- T.R.Rebbeck, B.L.Strom, A.M.Dunning, D.F.Easton and A.B.Spurdle **1862**
- Common genetic variants in cell cycle pathway are associated with survival in stage III-IV non-small-cell lung cancer** J.Yin, C.Lu, J.Gu, S.M.Lippman, M.A.T.Hildebrandt, J.Lin, D.Stewart, M.R.Spitz and X.Wu **1867**

CANCER PREVENTION

- Polyphenol-rich sweet potato greens extract inhibits proliferation and induces apoptosis in prostate cancer cells *in vitro* and *in vivo*** P.Karna, S.R.Gundala, M.V.Gupta, S.A.Shamsi, R.D.Pace, C.Yates, S.Narayan and R.Aneja **1872**
- Green tea polyphenol EGCG suppresses lung cancer cell growth through upregulating miR-210 expression caused by stabilizing HIF-1 α** H.Wang, S.Bian and C.S.Yang **1881**
- Ling Zhi-8 mediates p53-dependent growth arrest of lung cancer cells proliferation via the ribosomal protein S7-MDM2-p53 pathway** C.-T.Wu, T.-Y.Lin, H.-Y.Hsu, F.Sheu, C.-M.Ho and E.I.-T.Chen **1890**

CARCINOGENESIS

- Downregulation of p57 accelerates the growth and invasion of hepatocellular carcinoma** H.Guo, Y.Lv, T.Tian, T.Hu, W.Wang, X.Sui, L.Jiang, Z.Ruan and K.Nan **1897**
- List of Reviewers** **1905**

