

Recent citations of publications from Wood Hudson Cancer Research Lab:

Scholar Alert: New citations to articles in James A Deddens's profile (11/21/15)

[Cell type-specific abundance of 4EBP1 primes prostate cancer sensitivity or resistance to PI3K pathway inhibitors](#)

AC Hsieh, HG Nguyen, L Wen, MP Edlind, PR Carroll... - *Sci. Signal.*, 2015

Abstract Pharmacological inhibitors against the PI3K-AKT-mTOR (phosphatidylinositol 3-kinase-AKT-mammalian target of rapamycin) pathway, a frequently deregulated signaling pathway in cancer, are clinically promising, but the development of drug resistance is a ...

Scholar Alert: New citations to articles in James A Deddens's profile (10/29/15)

[The Eukaryotic Translation Initiation Factor 4E \(eIF4E\) as a Therapeutic Target for Cancer](#)

S Karaki, C Andrieu, H Ziouziou, P Rocchi - *Advances in Protein Chemistry and ...*, 2015

Abstract Cancer cells depend on cap-dependent translation more than normal tissue. This explains the emergence of proteins involved in the cap-dependent translation as targets for potential anticancer drugs. Cap-dependent translation starts when eIF4E binds to mRNA ...

Scholar Alert: New citations to articles in James A Deddens's profile (10/27/15)

[\[PDF\] Knockdown of eukaryotic translation initiation factor 4E suppresses cell growth and invasion, and induces apoptosis and cell cycle arrest in a human lung ...](#)

B Chen, B Zhang, L Xia, J Zhang, Y Chen, Q Hu, C Zhu - *Molecular Medicine Reports*

Abstract Eukaryotic translation initiation factor 4E (eIF4E) was shown to be upregulated in malignant human tumors. To assess the effect of downregulation of eIF4E on the proliferation and invasiveness of a human lung adenocarcinoma cell line, a short hairpin (...

Scholar Alert: New citations to articles in James A Deddens's profile (10/10/15)

[\[PDF\] Phospho-4e-BP1 and eIF4E overexpression synergistically drives disease progression in clinically confined clear cell renal cell carcinoma](#)

L Campbell, B Jasani, DFR Griffiths, M Gumbleton

Abstract: Clear cell renal cell carcinoma (ccRCC), the most aggressive and lethal form of renal cell carcinoma accounts for over 90% of metastasis that occur following curative surgery for clinically confined disease. High relapse rates have prompted the evaluation of ...

Scholar Alert: New citations to articles in James A Deddens's profile (9/5/15)

[\[HTML\] Ribavirin Inhibits the Activity of mTOR/eIF4E, ERK/Mnk1/eIF4E Signaling Pathway and Synergizes with Tyrosine Kinase Inhibitor Imatinib to Impair Bcr-Abl Mediated ...](#)

F Shi, Y Len, Y Gong, R Shi, X Yang, D Naren, T Yan - *PloS one*, 2015

Abstract The eukaryotic translation initiation factor 4E (eIF4E), which is the main composition factor of eIF4F translation initiation complex, influences the growth of tumor through modulating cap-dependent protein translation. Previous studies reported that ribavirin ...

Scholar Alert: New citations to articles in James A Deddens's profile (8/29/15)

[PAK1 promotes intestinal tumor initiation](#)

K Dammann, V Khare, F Harpain, M Lang, A Kurtovic... - *Cancer Prevention ...*, 2015

Abstract P-21 activated kinase 1 (PAK1) is a serine/threonine kinase which is overexpressed in colorectal cancer (CRC). PAK1 is a target of mesalamine (5-aminosalicylic acid-5-ASA), a common drug for the treatment of ulcerative colitis with prospective chemopreventive ...

Scholar Alert: New citations to articles in James A Deddens's profile (8/23/15)

[\[HTML\] Antisense oligonucleotide targeting eukaryotic translation initiation factor 4E reduces growth and enhances chemosensitivity of non-small-cell lung cancer cells](#)

SC Thumma, BA Jacobson, MR Patel, BW Konicek... - *Cancer Gene Therapy*, 2015

Abstract Elevated levels of eukaryotic translation initiation factor 4E (eIF4E) enhance translation of many malignancy-related proteins, such as vascular endothelial growth factor (VEGF), c-Myc and osteopontin. In non-small-cell lung cancer (NSCLC), levels of eIF4E ...

Scholar Alert: New citations to articles in James A Deddens's profile (6/27/15)

[Myricetin induces apoptosis by inhibiting P21 activated kinase 1 \(PAK1\) signaling cascade in hepatocellular carcinoma](#)

SC Iyer, A Gopal, D Halagowder - *Molecular and Cellular Biochemistry*

Abstract Hepatocellular carcinoma is one of the most common malignancies worldwide and evidence suggests that Ras signaling regulates various hallmarks of cancer via regulating several effector pathways such as ERK and PI3K. The aim of the present study is to ...

Scholar Alert: New citations to articles in James A Deddens's profile (6/10/15)

[\[HTML\] p21-activated kinase family: promising new drug targets](#)

H He, N Huynh - *Research and Reports in Biochemistry*, 2015

Abstract: The p21-activated kinase (PAK) family of serine/threonine protein kinases are downstream effectors of the Rho family of GTPases. PAKs are frequently upregulated in human diseases, including various cancers, and their overexpression correlates with ...

Scholar Alert: New citations to articles in James A Deddens's profile (5/16/15)

[\[HTML\] PAK1 modulates a PPAR \$\gamma\$ /NF- \$\kappa\$ B cascade in intestinal inflammation](#)

K Dammann, V Khare, M Lang, T Claudel, F Harpain... - *Biochimica et Biophysica ...*, 2015

Abstract P21-activated kinases (PAKs) are multifunctional effectors of Rho GTPases with both kinase and scaffolding activity. Here, we investigated the effects of inflammation on PAK1 signaling and its role in colitis-driven carcinogenesis. PAK1 and p-PAK1 (Thr423) ...

Scholar Alert: New citations to articles in James A Deddens's profile (3/20/15)

[\[PDF\] eIF6 over-expression increases the motility and invasiveness of cancer cells by modulating the expression of a critical subset of membrane-bound proteins](#)

M Pinzaglia, C Montaldo, D Polinari, M Simone... - *BMC Cancer*, 2015

Background Eukaryotic Initiation factor 6 (eIF6) is a peculiar translation initiation factor that binds to the large 60S ribosomal subunits, controlling translation initiation and participating in ribosome biogenesis. In the past, knowledge about the mechanisms adopted by the ..