



Publications with XF Data

As of August 18, 2011

Aging

Bmi1 regulates mitochondrial function and the DNA damage response pathway

<http://www.ncbi.nlm.nih.gov/pubmed/19404261>

Liu J, Cao L, Chen J, Song S, Lee IH, Quijano C, Liu H, Keyvanfar K, Chen H, Cao LY, Ahn BH, Kumar NG, Rovira, li, Xu XL, Van Lohuizen M, Motoyama N, Deng CX and Finkel T.

Nature. 2009 May 21; 459(7245):387-92. Epub 2009/05/01

Ethanol withdrawal hastens the aging of cytochrome c oxidase

<http://www.ncbi.nlm.nih.gov/pubmed/21439684>

Jung ME, Ju X, Metzger DB and Simpkins JW.

Neurobiol Aging. 2011 Mar 23; Epub 2011/03/29

Glutathionylation acts as a control switch for uncoupling proteins UCP2 and UCP3

<http://www.ncbi.nlm.nih.gov/pubmed/21515686>

Mailloux RJ, Seifert EL, Bouillaud F, Aguer C, Collins S and Harper ME.

J Biol Chem. 2011 Apr 22; Epub 2011/04/26

Intrinsic bioenergetic properties and stress sensitivity of dopaminergic synaptosomes

<http://www.ncbi.nlm.nih.gov/pubmed/21430153>

Choi SW, Gerencser AA, Lee DW, Rajagopalan S, Nicholls DG, Andersen JK and Brand MD.

J Neurosci. 2011 Mar 23; 31(12):4524-34. Epub 2011/03/25

Loss of manganese superoxide dismutase leads to abnormal growth and signal transduction in mouse embryonic fibroblasts

<http://www.ncbi.nlm.nih.gov/pubmed/20638473>

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<http://www.ncbi.nlm.nih.gov/pubmed/20444421>

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Cancer

Acquisition of temozolomide chemoresistance in gliomas leads to remodeling of mitochondrial electron transport chain

<http://www.ncbi.nlm.nih.gov/pubmed/20870728>

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Activated Ras requires autophagy to maintain oxidative metabolism and tumorigenesis

<http://www.ncbi.nlm.nih.gov/pubmed/21317241>

Guo JY, Chen HY, Mathew R, Fan J, Strohecker AM, Karsli-Uzunbas G, Kamphorst JJ, Chen G, Lemons JM, Karantza V, Collier HA, Dipaola RS, Gelinias C, Rabinowitz JD and White E.

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Akt-dependent glucose metabolism promotes mcl-1 synthesis to maintain cell survival and resistance to bcl-2 inhibition

<http://www.ncbi.nlm.nih.gov/pubmed/21670080>

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Akt3 controls VEGF secretion and angiogenesis in ovarian cancer cells

<http://www.ncbi.nlm.nih.gov/pubmed/21351097>

Liby TA, Spyropoulos P, Lindner HB, Eldridge J, Beeson C, Hsu T and Muise-Helmericks RC.

Int J Cancer. 2011 Feb 23; Epub 2011/02/26

Alterations in bioenergetics due to changes in mitochondrial DNA copy number

<http://www.ncbi.nlm.nih.gov/pubmed/20347038>

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Methods. 2010 Aug; 51(4):452-7. Epub 2010/03/30

AMPK regulates metabolism and survival in response to ionizing radiation

<http://www.ncbi.nlm.nih.gov/pubmed/21715037>

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Radiother Oncol. 2011 Jun 27; Epub 2011/07/01

Bax Supports the Mitochondrial Network, Promoting Bioenergetics in Non-Apoptotic Cells

<http://www.ncbi.nlm.nih.gov/pubmed/21289292>

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