



## Biochemical Pharmacology, Volume 77, issue 11, 1 June 2009

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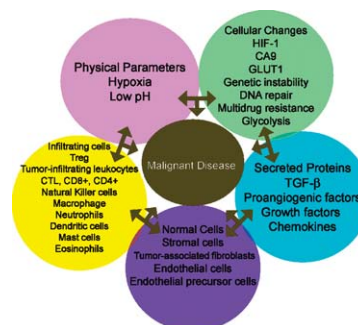
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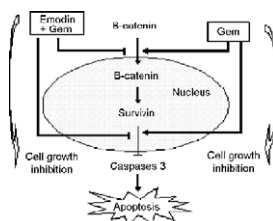
Genzyme Corporation, 49 New York Avenue, Framingham, MA 01701-9322, United States



#### Potential of the effect of gemcitabine by emodin in pancreatic cancer is associated with survivin inhibition 1674–1683

Qingqu Guo, Ying Chen, Bo Zhang, Muxing Kang, Qiuping Xie and Yulian Wu

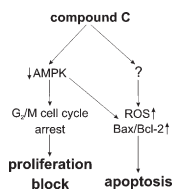
Model of activation of the apoptotic cascade by the combined action of emodin and GEM in pancreatic cancer cells.



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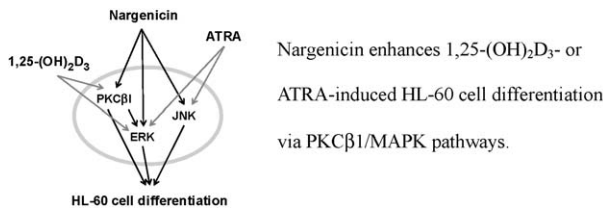


Nargenicin enhances 1,25-dihydroxyvitamin D<sub>3</sub>- and all-*trans* retinoic acid-induced leukemia cell differentiation via PKCβ1/MAPK pathways

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Seung Hyun Kim, Jin Cheol Yoo and Tae Sung Kim

Nargenicin enhances 1,25-(OH)<sub>2</sub>D<sub>3</sub>- or ATRA-induced HL-60 cell differentiation via PKCβ1/MAPK pathways.

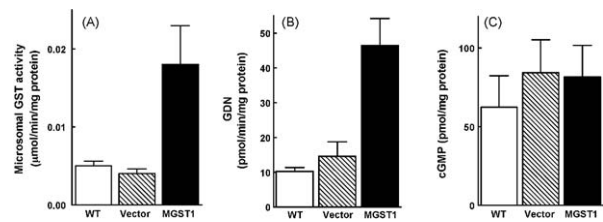


Role of microsomal glutathione transferase 1 in the mechanism-based biotransformation of glyceryl trinitrate in LLC-PK1 cells

1702–1708

Yanbin Ji, Diane J. Anderson and Brian M. Bennett

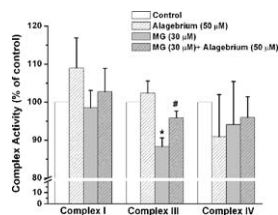
Overexpression of MGST1 in LLC-PK1 cells resulted in increased MGST activity (A) and increased GTN biotransformation (B), but no change in GTN-induced cGMP accumulation (C).



## Methylglyoxal-induced mitochondrial dysfunction in vascular smooth muscle cells 1709–1716

Hui Wang, Jianghai Liu and Lingyun Wu

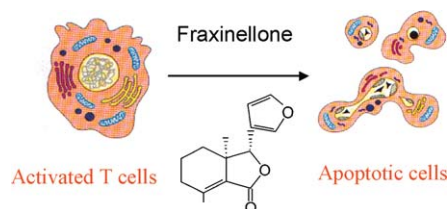
Methylglyoxal significantly inhibited mitochondrial complex III activity in rat aortic smooth muscle cells.



## Selective triggering of apoptosis of concanavalin A-activated T cells by fraxinellone for the treatment of T-cell-dependent hepatitis in mice 1717–1724

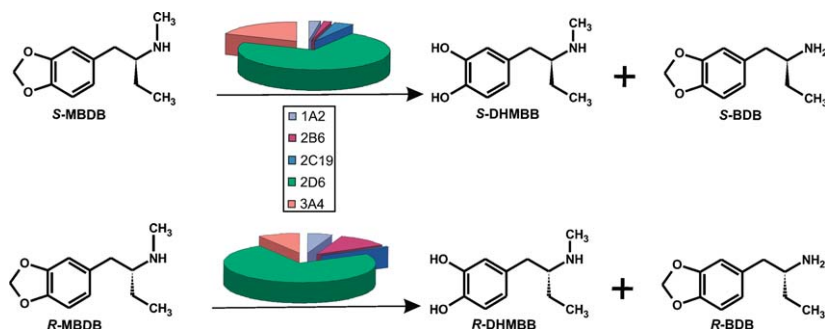
Yang Sun, Yu Qin, Fang-Yuan Gong, Xue-Feng Wu, Zi-Chun Hua, Ting Chen and Qiang Xu

Selective induction of apoptosis of activated T cells by fraxinellone can ameliorate T-cell-dependent hepatitis.



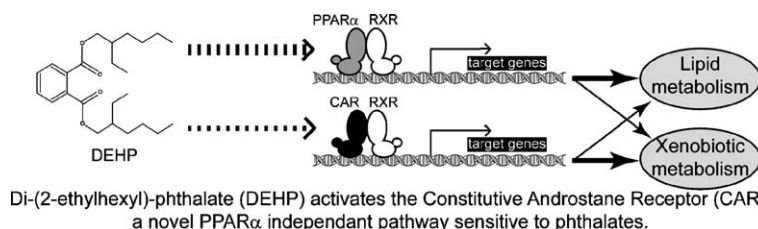
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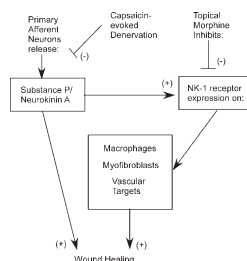
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Jerri M. Rook, Wohaib Hasan and Kenneth E. McCarson



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