



Biochemical Pharmacology, Volume 79, issue 7, 1 April 2010

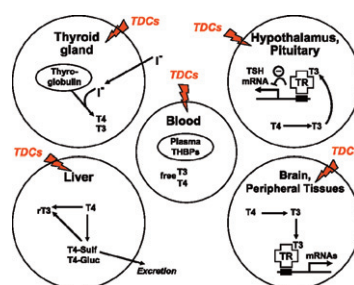
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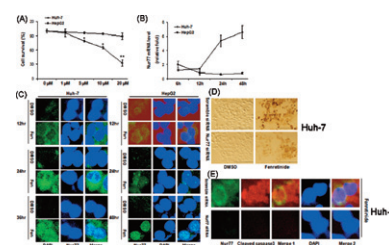


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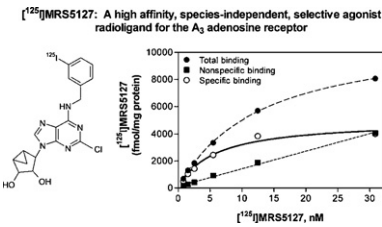
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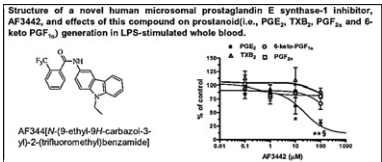
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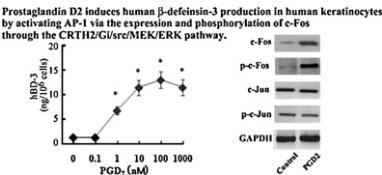
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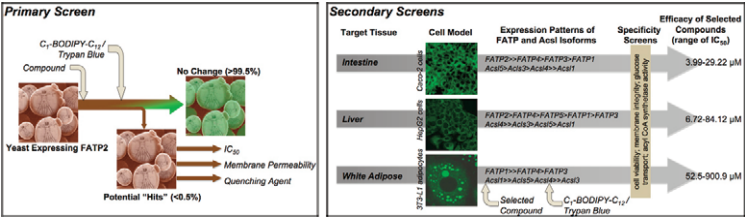


METABOLIC DISORDERS AND ENDOCRINOLOGY

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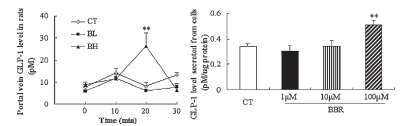


Modulation of glucagon-like peptide-1 release by berberine: In vivo and in vitro studies

1000–1006

Yunli Yu, Li Liu, Xinting Wang, Xiang Liu, Xiaodong Liu, Lin Xie, Guangji Wang

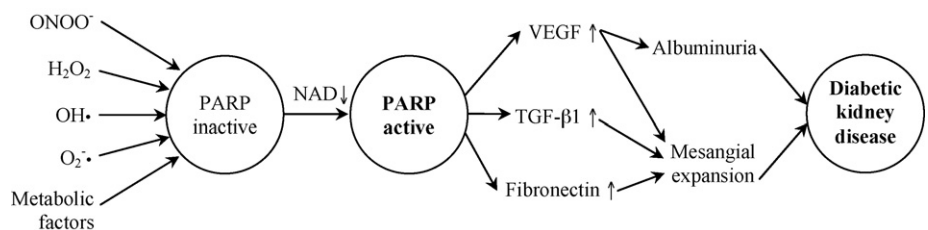
This study demonstrated berberine promoted GLP-1 level both in normal rats and NCI-H716 cells, which possibly based on the enhancement of GLP-1 secretion and biosynthesis.



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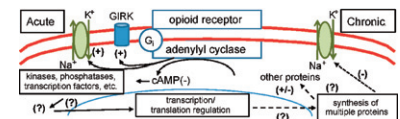
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Correlation of the time course of development and decay of tolerance to morphine with alterations in sodium pump protein isoform abundance

1015–1024

Peng Li, Hercules T. Maguma, Kathleen Thayne, Barbara Davis, David A. Taylor

Opioid receptors acutely hyperpolarize myenteric neurons and activate signaling pathways that cause long-term alterations in production of selected proteins including the α₃ subunit of the sodium pump.



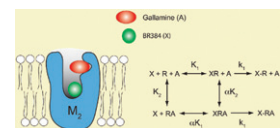
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1025–1035

Hinako Suga, Frederick J. Ehlert

Department of Pharmacology, School of Medicine, University of California Irvine, Irvine, CA 92697-4625, United States

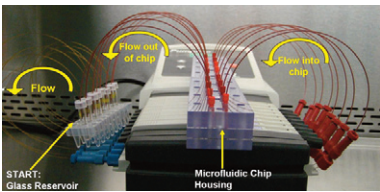
An allosteric interaction involving a site-directed electrophile can be studied over a wider range of ligand concentrations than that involving an orthosteric radioligand.



PHARMACOKINETICS AND DRUG METABOLISM

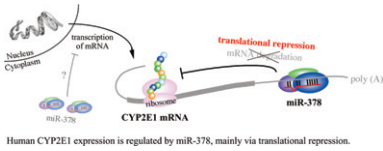
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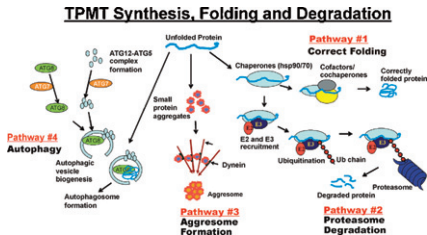
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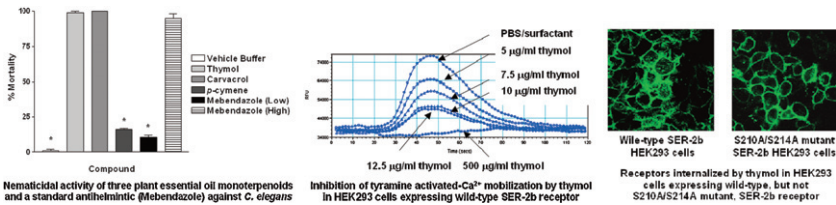


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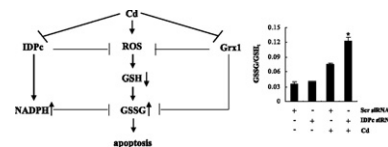
Jason Lei, Michael Leser, Essam Enan

Two plant essential oil monoterpenoids (thymol and carvacrol) possess strong nematicidal activity, which might be mediated through a tyramine receptor.



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CORRIGENDUM

Corrigendum to “Involvement of sphingosine-1-phosphate and S1P₁ in angiogenesis: Analyses using a new S1P₁ antagonist of non-sphingosine-1-phosphate analog” [Biochem. Pharmacol. 77 (2009) 1011–1020] 1081–1082

Kiyoaki Yonesu, Yumi Kawase, Tatsuya Inoue, Nana Takagi, Jun Tsuchida, Yoh Takuwa, Seiichiro Kumakura, Futoshi Nara

INDEXED/ABSTRACTED IN: Curr. Cont. ASCA, Biosis Data, CAB Inter., Chemical Abstracts Service, Curr. Cont./Life Sci., CABS, EMBASE/Excerpt. Med., Curr. Cont. ISI/BIOMED Database, MEDLINE, PASCAL-CNRS Data, Curr. Cont. Sci. Cit. Ind., Curr. Cont. SCISEARCH Data, Ind. Med., Reference Update. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.



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