

## Subject Index (2009)

### News

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**China makes an impressive breakthrough in avian influenza virus research ? Discovering the "heart" of avian influenza virus.**

Li YG, Wu JF, Li X

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### Reviews

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**From chemotherapy to signal therapy (1909-2009): A century pioneered by Paul Ehrlich.**

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**Studies on tetrahydrocannabinolic acid synthase that produces the acidic precursor of tetrahydrocannabinol, the pharmacologically active cannabinoid in marijuana.**

Taura F

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**Intellectual property strategies for university spinoffs in the development of new drugs.**

Sekimizu N, Ogata Y

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**Microarray analysis of gene expression in medicinal plant research.**

Youns M, Efferth T, Hoheisel JD

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**Structure analysis of short peptides by analytical ultracentrifugation: Review.**

Arakawa T, Niikura T, Kita Y, Arisaka F

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### Brief Reports

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**Establishment of a new cell line for high-throughput evaluation of chemokine CCR5 receptor antagonists.**

Ji LL, Sheng YC, Chen L, Wang ZT

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**Formulation and evaluation of in situ gelling thermoreversible mucoadhesive gel of fluconazole.**

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**Evaluation of the effects of freeze-dried soybean curd intake on cholesterol levels using a novel biomarker.**

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**Ivermectin inactivates the kinase PAK1 and blocks the PAK1-dependent growth of human ovarian cancer and NF2 tumor cell lines.**

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**Computational study of the proton transfer of phenyl urea.**

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**Liposomal oxytetracycline and doxycycline: studies on enhancement of encapsulation efficiency.**

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**Study of the analgesic, anti-inflammatory, and gastric effects of gabapentin.**

Abdel-Salam OM, Sleem AA

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**Enhancement of the dissolution profile of Tenoxicam by a solid dispersion technique and its analytical evaluation using HPLC.**

Darwish MK, Foad MM

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**QSAR studies of histone deacetylase (HDAC) inhibitors by CoMFA, CoMSIA, and molecular docking.**

Zhang L, Fang H, Zhu HW, Wang Q, Xu WF

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**Comparative analysis of free radical scavenging potential of several fruit peel extracts by *in vitro* methods.**

Parmar HS, Kar A

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***In vitro* radical scavenging activities of *Chrysaora quinquecirrha* nematocyst venom.**

Balamurugan E, Menon VP

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**Beneficial effects of combined administration of sodium molybdate with atorvastatin in hyperlipidemic hamsters.**

Ahmed AA

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**Effects of oral curcumin on indomethacin-induced small intestinal damage in the rat.**

Menozzi A, Pozzoli C, Poli E, Martelli M, Martelli L, Zullian C, Bertini S

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**Gaps in the information shared on consumer healthcare products.**

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**Antidiabetic activity of standardized extract of *Picrorhiza kurroa* in rat model of NIDDM.**

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**Stability studies of the effect of crosslinking on hydrochlorothiazide release.**

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**Effects of a hyaluronic acid and low molecular weight heparin injection on osteoarthritis in rabbits.**

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**Beneficial effects of a standardized Hypericum perforatum extract in rats with experimentally induced hyperglycemia.**

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**Sedative and anxiolytic effects of different fractions of the Commelina benghalensis Linn.**

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**Vaginal delivery of protein drugs in rats by gene-transformed Lactococcus lactis.**

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**Comparative development and evaluation of topical gel and cream formulations of psoralen.**

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**Pyrrrolizidine alkaloid clivorine-induced oxidative stress injury in human normal liver L-02 cells.**

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**Induction of immune responses to a human immunodeficiency virus type 1 epitope by novel chimeric influenza viruses.**

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**A microplate-based screening assay for neuraminidase inhibitors.**

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**Positive inotropic effect of PHR0007 (2-(4-(4-(Benzyloxy)-3-methoxybenzyl)piperazin-1-)-N-(1-methyl-4,5-dihydro[1,2,4]triazolo[4,3-a]quinolin-7-yl)acetamide) on atrial dynamics in beating rabbit atria.**

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**Spicatic acid: A 4-carboxygentisic acid from *Gentiana spicata* extract with potential hepatoprotective activity.**

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**Thymoquinone triggers anti-apoptotic signaling targeting death ligand and apoptotic regulators in a model of hepatic ischemia reperfusion injury.**

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**Promising therapy for Alzheimer's disease targeting angiotensin converting enzyme and the cyclooxygenase-2 isoform.**

El Sayed NS, Kassem LA, Heikal OA

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**Case Report**

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**Pathological gambling associated with cabergoline in a case of recurrent depression.**

Miura J, Kikuchi A, Fujii A, Tateishi T, Kaneko S

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