

## Subject Index (2014)

### Policy Forum

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**Systematic evidence-based clinical practice guidelines are ushering in a new stage of standardized management of hepatocellular carcinoma in Japan.**

Song PP, Tang W, Hasegawa K, Kokudo N  
2014; 8(2):64-70. (DOI: 10.5582/ddt.8.64)

### Reviews

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**Pharmacological effects and clinical applications of ultra low molecular weight heparins.**

Liu Z, Ji SL, Sheng JZ, Wang FS  
2014; 8(1):1-10. (DOI: 10.5582/ddt.8.1)

**Daily hydroxyl radical scavenging capacity of mammals.**

Ienaga K, Park CH, Yokozawa T  
2014; 8(2):71-75. (DOI: 10.5582/ddt.8.71)

**Perspectives on a combined test of multi serum biomarkers in China: Towards screening for and diagnosing hepatocellular carcinoma at an earlier stage.**

Zhang KM, Song PP, Gao JJ, Li GH, Zhao X, Zhang SG  
2014; 8(3):102-109. (DOI: 10.5582/ddt.2014.01026)

**A map describing the association between effective components of traditional Chinese medicine and signaling pathways in cancer cells *in vitro* and *in vivo*.**

Xia JF, Chen JL, Zhang ZM, Song PP, Tang W, Kokudo N  
2014; 8(4):139-153. (DOI: 10.5582/ddt.2014.01032)

**Advances in the study of molecularly targeted agents to treat hepatocellular carcinoma.**

Chen JL, Gao JJ  
2014; 8(4):154-164. (DOI: 10.5582/ddt.2014.01031)

**The progress in adjuvant therapy after curative resection of liver metastasis from colorectal cancer.**

Zhang W, Song TQ  
2014; 8(5):194-200. (DOI: 10.5582/ddt.2014.01037)

**Chemical constituents and bioactivities of *Colla corii asini*.**

Wang DL, Ru WW, Xu YP, Zhang JL, He XX, Fan GH, Mao BB, Zhou XS, Qin YF  
2014; 8(5):201-207. (DOI: 10.5582/ddt.2014.01038)

**Drug induced pulmonary parenchymal disease.**

Prasad R, Gupta P, Singh A, Goel N  
2014; 8(6):232-237. (DOI: 10.5582/ddt.2014.01046)

### Brief Reports

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**Design, synthesis and biological evaluation of naphthalimide-based fluorescent probes for  $\alpha$ 1-adrenergic receptors.**

Zhang W, Chen LZ, Ma Z, Du LP, Li MY  
2014; 8(1):11-17. (DOI: 10.5582/ddt.8.11)

**Design, synthesis and biological evaluation of 4-chromanone derivatives as  $I_{Kr}$  inhibitors.**

Wang R, Liu ZZ, Du LP, Li MY  
2014; 8(2):76-83. (DOI: 10.5582/ddt.8.76)

**Synthesis and biological evaluation of novel indoline-2,3-dione derivatives as antitumor agents.**

Li PZ, Tan YM, Liu GY, Liu Y, Liu JZ, Yin YZ, Zhao GS  
2014; 8(3):110-116. (DOI: 10.5582/ddt.2014.01012)

**Isotryptoquivaline F, a new quinazolinone derivative with anti-TNF- $\alpha$  activity from *Aspergillus* sp. CM9a.**

Xue H, Xu QY, Lu CH, Shen YM  
2014; 8(5):208-211. (DOI: 10.5582/ddt.2014.01039)

**Human mediator subunit MED15 promotes transcriptional activation.**

Nakatsubo T, Nishitani S, Kikuchi Y, Iida S, Yamada K, Tanaka A, Ohkuma Y  
2014; 8(5):212-217. (DOI: 10.5582/ddt.2014.01036)

**Several herbal compounds in Okinawa plants directly inhibit the oncogenic/aging kinase PAK1.**

Nguyen BCQ, Taira N, Tawata S  
2014; 8(6):238-244. (DOI: 10.5582/ddt.2014.01045)

**Clinical features of 80 cases of tinea faciei treated at a rural clinic in Japan.**

Noguchi H, Jinnin M, Miyata K, Hiruma M, Ihn H  
2014; 8(6):245-248. (DOI: 10.5582/ddt.2014.01049)

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## Original Articles

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**Antioxidant activity of *Rafflesia kerrii* flower extract.**

Puttipan R, Okonogi S  
2014; 8(1):18-24. (DOI: 10.5582/ddt.8.18)

**The comparative study of acetyl-11-keto-beta-boswellic acid (AKBA) and aspirin in the prevention of intestinal adenomatous polyposis in *APC<sup>Min/+</sup>* mice.**

Wang RQ, Wang Y, Gao ZH, Qu XJ  
2014; 8(1):25-32. (DOI: 10.5582/ddt.8.25)

**Combination treatment of ligustrazine piperazine derivate DLJ14 and adriamycin inhibits progression of resistant breast cancer through inhibition of the EGFR/PI3K/Akt survival pathway and induction of apoptosis.**

Chen JH, Wang WF, Wang HY, Liu XY, Guo XL  
2014; 8(1):33-41. (DOI: 10.5582/ddt.8.33)

**Fibroblast growth factor-2 inhibits mineralization of osteoblast-like Saos-2 cells by inhibiting the functioning of matrix vesicles.**

Liu C, Cui YZ, Luan J, Zhou XY, Liu ZX, Han JX  
2014; 8(1):42-47. (DOI: 10.5582/ddt.8.42)

**A combination of oral uracil-tegafur plus leucovorin (UFT + LV) is a safe regimen for adjuvant chemotherapy after hepatectomy in patients with colorectal cancer: Safety report of the UFT/LV study.**

Saiura A, Yamamoto J, Hasegawa K, Oba M, Takayama T, Miyagawa S, Ijichi M, Teruya M, Yoshimi F, Kawasaki S, Koyama H, Makuuchi M, Kokudo N  
2014; 8(1):48-56. (DOI: 10.5582/ddt.8.48)

**A lesson from Japan: Research and development efficiency is a key element of pharmaceutical industry consolidation process.**

Shimura H, Masuda S, Kimura H  
2014; 8(1):57-63. (DOI: 10.5582/ddt.8.57)

**Metabolites from *Aspergillus versicolor*, an endolichenic fungus from the lichen *Lobaria retigera*.**

Dou YL, Wang XL, Jiang DF, Wang HY, Jiao Y, Lou HX, Wang XN  
2014; 8(2):84-88. (DOI: 10.5582/ddt.8.84)

**Exploring the influence of renal dysfunction on the pharmacokinetics of ribavirin after oral and intravenous dosing.**

Gupta SK, Kantesaria B, Glue P  
2014; 8(2):89-95. (DOI: 10.5582/ddt.8.89)

**Synthesis and crystal structure of 6-fluoro-3-hydroxypyrazine-2-carboxamide.**

Shi FY, Li ZT, Kong LJ, Xie YC, Zhang T, Xu WF  
2014; 8(3):117-120. (DOI: 10.5582/ddt.2014.01028)

**Effectiveness of Chinese prescription Kangen-karyu for dyslipidemia, using 3T3-L1 adipocytes and type 2 diabetic mice.**

Park CH, Rhyu DY, Noh JS, Park CM, Yokozawa T  
2014; 8(3):121-131. (DOI: 10.5582/ddt.2014.01024)

**Design of amphiphilic oligopeptides as models for fine tuning peptide assembly with plasmid DNA.**

Goparaju GN, Gupta PK  
2014; 8(4):165-172. (DOI: 10.5582/ddt.2014.01029)

**Subcellular localization of KL-6 mucin in intraductal papillary mucinous neoplasm of the pancreas.**

Inagaki Y, Seyama Y, Hasegawa K, Tang W, Kokudo N  
2014; 8(4):173-177. (DOI: 10.5582/ddt.2014.01027)

**Enhancement of solubility of dexibuprofen applying mixed hydrotropic solubilization technique.**

El-Houssieny BM, El-Dein EZ, El-Messiry HM  
2014; 8(4):178-184. (DOI: 10.5582/ddt.2014.01019)

**Formulation, optimization, and evaluation of a transdermal patch of heparin sodium.**

Patel RP, Gaiakwad DR, Patel NA  
2014; 8(4):185-193. (DOI: 10.5582/ddt.2014.01030)

**R-eriodictyol and S-eriodictyol exhibited comparable effect against H<sub>2</sub>O<sub>2</sub>-induced oxidative stress in EA.hy926 cells.**

Li HZ, Li C, Shen T, Zhao LJ, Ren DM  
2014; 8(5):218-224. (DOI: 10.5582/ddt.2014.01033)

***In vitro* and *in vivo* anti-MRSA activities of nosokomycins.**

Uchida R, Hanaki H, Matsui H, Hamamoto H, Sekimizu K, Iwatsuki M, Kim YP, Tomoda H  
2014; 8(6):249-254. (DOI: 10.5582/ddt.2014.01050)

**Human RNA polymerase II-associated protein 2 (RPAP2) interacts directly with the RNA polymerase II subunit Rpb6 and participates in pre-mRNA 3'-end formation**

Wani S, Hirose Y, Ohkuma Y  
2014; 8(6):255-261. (DOI: 10.5582/ddt.2014.01044)

**Development of mucoadhesive buccal films from rice for pharmaceutical delivery systems.**

Okonogi S, Khongkhunthian S, Jaturasitha S

2014; 8(6):262-267. (DOI: 10.5582/ddt.2014.01041)

**Ion-exchange complex of famotidine: sustained release and taste masking approach of stable liquid dosage form.**

Aman RM, Meshali MM, Abdelghani GM

2014; 8(6):268-275. (DOI: 10.5582/ddt.2014.01043)

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## Case Reports

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**Management of inappropriate sinus tachycardia with ivabradine in a renal transplant recipient.**

Goyal VK, Godara S, Sadasukhi TC, Gupta HL

2014; 8(3):132-133. (DOI: 10.5582/ddt.2014.01023)

**Central nervous system infection with non-tuberculous mycobacteria: A report of that infection in two patients with AIDS.**

Cai R, Qi T, Lu HZ

2014; 8(6):276-279. (DOI: 10.5582/ddt.2014.01047)

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## Commentaries

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**Three-dimensional imaging technology offers promise in medicine.**

Karako K, Wu Q, Gao JJ

2014; 8(2):96-97. (DOI: 10.5582/ddt.8.96)

**Current clinical uses of the biomarkers for hepatocellular carcinoma.**

Huang JW, Zeng Y

2014; 8(2):98-99. (DOI: 10.5582/ddt.8.98)

**Can gamma-glutamyl transferase levels contribute to a better prognosis for patients with hepatocellular carcinoma?**

Wang ZG, Song PP, Xia JF, Inagaki Y, Tang W, Kokudo N

2014; 8(3):134-138. (DOI: 10.5582/ddt.2014.01025)

**HDAC1/3 dual selective inhibitors - New therapeutic agents for the potential treatment of cancer.**

Li XY, Xu WF

2014; 8(5):225-228. (DOI: 10.5582/ddt.2014.01034)

**Drug development for controlling Ebola epidemic – A race against time.**

Gao JJ, Yin L

2014; 8(5):229-231. (DOI: 10.5582/ddt.2014.01040)

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## Letter

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**Suggestions to the media to help us cope with the A/H7N9 crisis in China.**

Sun Y, Lu HZ

2014; 8(2):100-101. (DOI: 10.5582/ddt.8.100)