

Subject Index (2015)

Editorial

Glycoconjugates, promising subjects for medical science.

Nakata M

2015; 9(2):78. (DOI: 10.5582/ddt.2015.01027)

Reviews

Anti-tumor effects and cellular mechanisms of resveratrol.

Han GH, Xia JF, Gao JJ, Inagaki Y, Tang W, Kokudo N

2015; 9(1):1-12. (DOI: 10.5582/ddt.2015.01007)

Oligonol, a low-molecular-weight polyphenol derived from lychee fruit, attenuates gluco-lipototoxicity-mediated renal disorder in type 2 diabetic db/db mice.

Park CH, Noh JS, Fujii H, Roh SS, Song YO, Choi JS, Chung HY, Yokozawa T

2015; 9(1):13-22. (DOI: 10.5582/ddt.2015.01003)

Chemical constituents and bioactivities of *Panax ginseng* (C. A. Mey.).

Ru WW, Wang DL, Xu YP, He XX, Sun YE, Qian LY, Zhou XS, Qin YF

2015; 9(1):23-32. (DOI: 10.5582/ddt.2015.01004)

Carbohydrate drugs: current status and development prospect.

Zhang Y, Wang FS

2015; 9(2):79-87. (DOI: 10.5582/ddt.2015.01028)

Polysaccharides: Candidates of promising vaccine adjuvants.

Li PL, Wang FS

2015; 9(2):88-93. (DOI: 10.5582/ddt.2015.01025)

Quality control of sweet medicines based on gas chromatography-mass spectrometry.

Lv GP, Hu DJ, Zhao J, Li SP

2015; 9(2):94-106. (DOI: 10.5582/ddt.2015.01020)

Current use of silkworm larvae (*Bombyx mori*) as an animal model in pharmaco-medical research.

Nwibo DD, Hamamoto H, Matsumoto Y, Kaito C, Sekimizu K

2015; 9(2):133-135. (DOI: 10.5582/ddt.2015.01026)

Histone deacetylase inhibitors merged with protein tyrosine kinase inhibitors.

Zhou N, Xu WF, Zhang YJ

2015; 9(3):147-155. (DOI: 10.5582/ddt.2015.01001)

Multidrug resistant tuberculosis treatment in India.

Prasad R, Gupta N, Balasubramanian V, Singh A

2015; 9(3):156-164. (DOI: 10.5582/ddt.2015.01012)

Usefulness of silkworm as a model animal for understanding the molecular mechanisms of fungal pathogenicity.

Ishii M, Matsumoto Y, Sekimizu K

2015; 9(4):234-237. (DOI: 10.5582/ddt.2015.01052)

Studies of host-pathogen interactions and immune-related drug development using the silkworm: interdisciplinary immunology, microbiology, and pharmacology studies.

Ishii K, Hamamoto H, Sekimizu K
2015; 9(4):238-246. (DOI: 10.5582/ddt.2015.01015)

Oesophageal squamous cell carcinoma (ESCC): Advances through omics technologies, towards ESCC salivaomics.

González-Plaza JJ, Hulak N, García-Fuentes E, Garrido-Sánchez L, Zhumadilov Z, Akilzhanova A
2015; 9(4):247-257. (DOI: 10.5582/ddt.2015.01042)

Evaluation of antithrombotic effect: Importance of testing components and methodologies.

Yamamoto J, Tamura Y, Ijiri Y, Iwasaki M, Murakami M, Matsuo O
2015; 9(4):258-266. (DOI: 10.5582/ddt.2015.01043)

An examination on the modern significance of "Yakushokudougen" in transferring to organic agriculture.

Hu B
2015; 9(4):267-273. (DOI: 10.5582/ddt.2015.01050)

Hepatocellular carcinoma: Advances in diagnostic imaging.

Sun HR, Song TQ
2015; 9(5):310-318. (DOI: 10.5582/ddt.2015.01058)

Recent advances in surgical treatment of hepatocellular carcinoma.

Song TQ
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Liver transplantation for hepatocellular carcinoma.

Jiang WT, Li J, Guo QJ, Sun JS, Chen CY, Shen ZY
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Extra vascular interventional treatment of liver cancer, present and future.

Hou WJ, Zhu XL
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Advances in endovascular therapy to treat primary hepatocellular carcinoma.

Guo Z, Yu HP, Liu CF, Si TG, Yang XL, Zhang WH, Xu Y, Li Y
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Systemic therapies for hepatocellular carcinoma.

Ge SH, Huang DZ
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Immunotherapy for hepatocellular carcinoma.

Li SZ, Yang F, Ren XB
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Stereotactic body radiation therapy: A novel treatment modality for inoperable hepatocellular carcinoma.

Meng MB, Wang HH, Zeng XL, Zhao LJ, Yuan ZY, Wang P, Hao XS
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Optimal cut-off values for the homeostasis model assessment of insulin resistance (HOMA-IR) and pre-diabetes screening: Developments in research and prospects for the future.

Tang Q, Li XQ, Song PP, Xu LZ
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Original Articles

Antibiotic-producing bacteria from stag beetle mycangia.

Miyashita A, Hirai Y, Sekimizu K, Kaito C
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Tauroursodeoxycholic acid attenuates inorganic phosphate-induced osteoblastic differentiation and mineralization in NIH3T3 fibroblasts by inhibiting the ER stress response PERK-eIF2 α -ATF4 pathway.

Liu F, Cui YZ, Ge PL, Luan J, Zhou XY, Han JX
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Enhanced anticancer activity of 5-FU in combination with Bestatin: Evidence in human tumor-derived cell lines and an H22 tumor-bearing mouse.

Li J, Wang XJ, Hou JN, Huang YX, Zhang YJ, Xu WF
2015; 9(1):45-52. (DOI: 10.5582/ddt.2015.01006)

Anti-metastatic action of anacardic acid targets VEGF-induced signalling pathways in epithelial to mesenchymal transition.

Shilpa P, Kaveri K, Salimath BP
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A novel polysaccharide isolated from *Litchi chinensis* by using a simulated gastric medium and its immunomodulatory activity.

Wang LS, Hu XJ, Bi SX, Tu WS, Jing YS, Song LY, Lv WJ, Yu RM
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Structural elucidation and *in vitro* antioxidant activities of a new heteropolysaccharide from *Litchi chinensis*.

Hu XQ, Wang JL, Jing YS, Song LY, Zhu JH, Cui XL, Yu RM
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Galactosylation of caffeic acid by an engineered β -galactosidase.

Lu LL, Guo YC, Xu LJ, Qi TT, Jin L, Xu L, Xiao M
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Comparison and combination effects on antioxidant power of curcumin with gallic acid, ascorbic acid, and xanthone.

Naksuriya O, Okonogi S
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Efficiency of dinoprostone insert for cervical ripening and induction of labor in women of full-term pregnancy compared with dinoprostone gel: A meta-analysis.

Zeng XL, Zhang YF, Tian Q, Xue Y, Sun R, Zheng W, An RF
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Topical administration of tranexamic acid in total hip arthroplasty: A meta-analysis of Randomized Controlled Trials.

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Compounds in a particular production lot of tryptic soy broth inhibit *Staphylococcus aureus* cell growth.

Ishii M, Matsumoto Y, Sekimizu K
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Identification and methods for prevention of *Enterococcus mundtii* infection in silkworm larvae, *Bombyx mori*, reared on artificial diet.

Nwibo DD, Matsumoto Y, Sekimizu K
2015; 9(3):184-190. (DOI: 10.5582/ddt.2015.01036)

Differentially expressed proteins in fluconazole-susceptible and fluconazole-resistant isolates of *Candida glabrata*.

Shen YZ, Zhang LJ, Jia XF, Zhang YX, Lu HZ
2015; 9(3):191-196. (DOI: 10.5582/ddt.2015.01010)

Hispidin and related herbal compounds from *Alpinia zerumbet* inhibit both PAK1-dependent melanogenesis in melanocytes and reactive oxygen species (ROS) production in adipocytes.

Be Tu PT, Chompoo J, Tawata S
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Liposome encapsulated of temozolomide for the treatment of glioma tumor: preparation, characterization and evaluation.

Gao J, Wang Z, Liu H, Wang L, Huang G
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Preparation and evaluation of gelling granules to improve oral administration.

Ito I, Ito A, Unezaki S
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Effect of rice variety on the physicochemical properties of the modified rice powders and their derived mucoadhesive gels.

Okonogi S, Kaewpinta A, Khongkhunthian S, Yotsawimonwat S
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Generic Selection Criteria for Safety and Patient Benefit [IV] – Physicochemical and pharmaceutical properties of brand-name and generic ketoprofen tapes.

Wada Y, Kihara M, Nozawa M, Shimokawa K, Ishii F
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Association between maternal diabetes mellitus and the risk of congenital malformations: A meta-analysis of cohort studies.

Zhao EF, Zhang YF, Zeng XL, Liu BM
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Niemann-Pick disease type C2 protein induces autophagy and inhibits growth in FM3A breast cancer cells.

Adachi T, Matsumoto Y, Inagaki Y, Sekimizu K
2015; 9(4):282-288. (DOI: 10.5582/ddt.2015.01014)

Combination of immunoprecipitation (IP)-ATP_Glo kinase assay and melanogenesis for the assessment of potent and safe PAK1-blockers in cell culture.

Nguyen BCQ, Be Tu PT, Tawata S, Maruta H
2015; 9(4):289-295. (DOI: 10.5582/ddt.2015.01041)

Evaluation of stroke volume variation and pulse pressure variation as predictors of fluid responsiveness in patients undergoing protective one-lung ventilation.

Fu Q, Duan MD, Zhao F, Mi WD
2015; 9(4):296-302. (DOI: 10.5582/ddt.2015.01046)

Fabrication of porous ethyl cellulose microspheres based on the acetone-glycerin-water ternary system: Controlling porosity *via* the solvent-removal mode.

Murakami M, Matsumoto A, Watanabe C, Kurumado Y, Takama M
2015; 9(4):303-309. (DOI: 10.5582/ddt.2015.01053)

Inhibitory effects of several saturated fatty acids and their related fatty alcohols on the growth of *Candida albicans*

Hayama K, Takahashi M, Yui S, Abe S
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Comparison of compounds of three *Rubus* species and their antioxidant activity

Rezeng CD, Limao CR, Tong L, Jiumei PC
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Preparation and characterization of lidocaine rice gel for oral application.

Okonogi S, Kaewpinta A, Yotsawimonwat S, Khongkhunthian S
2015; 9(6):397-403. (DOI: 10.5582/ddt.2015.01065)

High prevalence of *VKORC13 (G9041A) genetic polymorphism in north Indians: A study on patients with cardiac disorders on acenocoumarol.**

Sehgal T, Hira JK, Ahluwalia J, Das R, Vijayvergiya R, Rana SS, Varma N
2015; 9(6):404-410. (DOI: 10.5582/ddt.2015.01066)

Regression analysis of the risk factors for postoperative nosocomial infection in patients with abdominal tumors: experience from a large cancer centre in China.

Sun ZP, Zhu YB, Xu GZ, Aminbuhe, Zhang NW
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Brief Reports

Construction of recombinant adenoviral vector carrying cyclinA2 gene.

Han Y, Hong L, Zhong CP, Qiu JH
2015; 9(1):66-69. (DOI: 10.5582/ddt.2014.01048)

Circadian rhythm of serum 25 (OH) vitamin D, calcium and phosphorus levels in the treatment and management of type-2 diabetic patients.

Masood T, Kushwaha RS, Singh R, Sailwal S, Pandey H, Varma A, Singh RK, Cornelissen G
2015; 9(1):70-74. (DOI: 10.5582/ddt.2015.01002)

An aqueous extract from toad skin prevents gelatinase activities derived from fetal serum albumin and serum-free culture medium of human breast carcinoma MDA-MB-231 cells.

Nakata M, Kawaguchi S, Oikawa A, Inamura A, Nomoto S, Miyai H, Nonaka T, Ichimi S, Fujita-Yamaguchi Y, Luo C, Gao B, Tang W
2015; 9(6):417-421. (DOI: 10.5582/ddt.2015.01060)

Case Reports

Combination chemotherapy with S-1 and docetaxel for cutaneous angiosarcoma resistant to paclitaxel.

Kajihara I, Kanemaru H, Miyake T, Aoi J, Masuguchi S, Fukushima S, Jinnin M, Ihn H
2015; 9(1):75-77. (DOI: 10.5582/ddt.2015.01005)

Crizotinib-associated erythema multiforme in a lung cancer patient.

Sawamura S, Kajihara I, Ichihara A, Fukushima S, Jinnin M, Yamaguchi E, Kohrogi H, Ihn H
2015; 9(2):142-143. (DOI: 10.5582/ddt.2015.01019)

Hepatic venous outflow block caused by compressive fecaloma in a schizophrenic patient treated with clozapine.

Osseis M, Lim C, Lahat E, Doussot A, Salloum C, Azoulay D
2015; 9(6):422-423. (DOI: 10.5582/ddt.2015.01067)

Commentary

Cancer-associated carbohydrate antigens for clinical diagnostic markers – its effectiveness and limitations.

Inagaki Y, Song PP, Tang W, Kokudo N

2015; 9(2):129-132. (DOI: 10.5582/ddt.2015.01031)

Letter

The study of forensic toxicology should not be neglected in Japanese universities.

Ishihara K, Yajima D, Abe H, Nagasawa S, Nara A, Iwase H

2015; 9(2):144-146. (DOI: 10.5582/ddt.2015.01029)