

Subject Index (2014)

Reviews

Transient receptor potential (TRP) channels, promising potential diagnostic and therapeutic tools for cancer.

Chen JP, Luan Y, Yu RF, Zhang Z, Zhang JB, Wang WB
2014 ;8(1):1-10. (DOI: 10.5582/bst.8.1)

Prediction of response to preoperative chemoradiotherapy in patients with locally advanced rectal cancer.

Meng XJ, Huang ZQ, Wang RB, Yu JM
22014 ;8(1):11-23. (DOI: 10.5582/bst.8.11)

The role of nerve growth factor and its receptors in tumorigenesis and cancer pain.

Wang WF, Chen JH, Guo XL
2014; 8(2):68-74. (DOI: 10.5582/bst.8.68)

Semantic Web technologies for the big data in life sciences.

Wu HY, Yamaguchi A
2014; 8(4):192-201. (DOI: 10.5582/bst.2014.01048)

Brief Reports

CCL5/RANTES is important for inducing osteogenesis of human mesenchymal stem cells and is regulated by dexamethasone.

Liu YC, Kao YT, Huang WK, Lin KY, Wu SC, Hus SC, Schuyler SC, Li LY, Lu FL, Lu J
2014; 8(3):138-143. (DOI: 10.5582/bst.2014.01047)

Serum levels of soluble carbonic anhydrase IX are decreased in patients with diffuse cutaneous systemic sclerosis compared to those with limited cutaneous systemic sclerosis.

Makino K, Jinnin M, Makino T, Kajihara I, Fukushima S, Inoue Y, Ihn H
2014; 8(3):144-148. (DOI: 10.5582/bst.2014.01020)

A novel EGFP-expressing nude mice with complete loss of lymphocytes and NK cells to study tumor-host interactions.

Gotoh K, Kariya R, Matsuda K, Hattori S, Vaeteewoottacharn K, Okada S
2014; 8(4):202-205. (DOI: 10.5582/bst.2014.01049)

Local immune compartments are related to the severity of dextran sodium sulphate induced colitis.

Wang LM, Jiang XC, Liu XM, Qian TT, Chu YW
2014; 8(5):242-247. (DOI: 10.5582/bst.2014.01088)

Original Articles

Purification and refolding of anti-T-antigen single chain antibodies (scFvs) expressed in *Escherichia coli* as inclusion bodies.

Yuasa N, Koyama T, Fujita-Yamaguchi Y
2014; 8(1):24-31. (DOI: 10.5582/bst.8.24)

Cytokines as potential biomarkers of liver toxicity induced by *Dioscorea bulbifera* L.

Sheng YC, Ma YB, Deng ZP, Wang ZT, Ji LL
2014; 8(1):32-37. (DOI: 10.5582/bst.8.32)

The supercritical CO₂ extract from the skin of *Bufo bufo gargarizans* Cantor blocks hepatitis B virus antigen secretion in HepG2.2.15 cells.

Cui XY, Inagaki Y, Wang DL, Gao JJ, Qi FH, Gao B, Kokudo N, Fang DZ, Tang W
2014; 8(1):38-44. (DOI: 10.5582/bst.8.38)

Shufeng Jiedu Capsule protect against acute lung injury by suppressing the MAPK/NF- κ B pathway.

Tao ZG, Gao JY, Zhang GL, Xue MM, Yang WQ, Tong CY, Yuan Y
2014; 8(1):45-51. (DOI: 10.5582/bst.8.45)

Clinical epidemiology of HIV/AIDS in China from 2004–2011.

Li M, Shen YZ, Jiang XF, Li Q, Zhou XM, Lu HZ
2014; 8(1):52-58. (DOI: 10.5582/bst.8.52)

Stroke volume variation fail to predict fluid responsiveness in patients undergoing pulmonary lobectomy with one-lung ventilation using thoracotomy.

Fu Q, Zhao F, Mi WD, Zhang H
2014; 8(1):59-63. (DOI: 10.5582/bst.8.59)

Performance of reversed transcription loop-mediated isothermal amplification technique detecting EV71: A systematic review with meta-analysis.

Lei XY, Wen HL, Zhao L, Yu XJ
2014; 8(2):75-83. (DOI: 10.5582/bst.8.75)

Overexpression of an ABC transporter and mutations of GyrA, GyrB, and ParC in contributing to high-level ciprofloxacin resistance in *Streptococcus suis* type 2.

Yao J, Shang KX, Huang JH, Ran W, Kashif J, Wang LP
2014; 8(2):84-92. (DOI: 10.5582/bst.8.84)

Defect of tropomyosin-related kinase B isotype expression in ovarian clear cell adenocarcinoma.

Goto Y, Kametani Y, Kikugawa A, Tsuda B, Miyazawa M, Kajiwarra H, Terao Y, Takekoshi S, Nakamura N, Takeda S, Mikami M
2014; 8(2):93-100. (DOI: 10.5582/bst.8.93)

Expression of ankyrin repeat and SOCS box containing 4 (ASB4) confers migration and invasion properties of hepatocellular carcinoma cells.

Au V, Tsang FH, Man K, Fan ST, Poon RTP, Lee NP
2014; 8(2):101-110. (DOI: 10.5582/bst.8.101)

Transplantation of bone marrow mesenchymal stem cells pretreated with valproic acid in rats with an acute spinal cord injury.

Chen L, Cui XY, Wu ZR, Jia L, Yu Y, Zhou QL, Hu X, Xu W, Luo DD, Liu J, Xiao JJ, Yan Q, Cheng LM
2014; 8(2):111-119. (DOI: 10.5582/bst.8.111)

EPA and DHA increased PPAR γ expression and decreased integrin-linked kinase and integrin β 1 expression in rat glomerular mesangial cells treated with lipopolysaccharide.

Han WC, Zhao H, Jiao B, Liu FE
2014; 8(2):120-125. (DOI: 10.5582/bst.8.120)

Substrate specificity of human granzyme 3: Analyses of the P3-P2-P1 triplet using fluorescence resonance energy transfer substrate libraries.

Hirata Y, Inagaki H, Shimizu T, Kawada T
2014; 8(2):126-131. (DOI: 10.5582/bst.8.126)

A high-carbohydrate diet lowered blood pressure in healthy Chinese male adolescents.

Zhu XC, Lin J, Song YY, Liu HL, Zhang RR, Fan M, Li YH, Tian R, Fang DZ
2014; 8(2):132-137. (DOI: 10.5582/bst.8.132)

Evaluation of human D-amino acid oxidase inhibition by antipsychotic drugs *in vitro*.

Shishikura M, Hakariya H, Iwasa S, Yoshio T, Ichiba H, Yorita K, Fukui K, Fukushima T
2014; 8(3):149-154. (DOI: 10.5582/bst.2014.01034)

Comparison of mechanisms underlying changes in glucose utilization in fasted rats anesthetized with propofol or sevoflurane: Hyperinsulinemia is exaggerated by propofol with concomitant insulin resistance induced by an acute lipid load.

Li X, Kitamura T, Kawamura G, Mori Y, Sato K, Araki Y, Sato R, Yamada Y
2014; 8(3):155-162. (DOI: 10.5582/bst.2014.01060)

Relationship between T-SPOT.TB responses and numbers of circulating CD4+ T-cells in HIV infected patients with active tuberculosis.

Cai RT, Chen J, Guan LQ, Sun MY, Sun Y, Shen YZ, Zhang RF, Liu L, Lu HZ
2014; 8(3):163-168. (DOI: 10.5582/bst.2014.01032)

Repeated doses of intravenous tranexamic acid are effective and safe at reducing perioperative blood loss in total knee arthroplasty.

Xu QT, Yang Y, Shi P, Zhou J, Dai WD, Yao ZJ, Zhang C
2014; 8(3):169-175. (DOI: 10.5582/bst.2014.01063)

Effects of lifestyle factors on urinary oxidative stress and serum antioxidant markers in pregnant Japanese women: A cohort study.

Matsuzaki M, Haruna M, Ota E, Murayama R, Yamaguchi T, Shioji I, Sasaki S, Yamaguchi T, Murashima S
2014; 8(3):176-184. (DOI: 10.5582/bst.2014.01014)

Pathological changes in primary cilia: A novel mechanism of graft cholangiopathy caused by prolonged cold preservation in a rat model of orthotopic liver transplantation.

Lu HW, Dong JH, Zhang YF, Li CH, Yu Q, Tang W
2014; 8(4):206-211. (DOI: 10.5582/bst.2014.01062)

Migration of breast cancer cells into reconstituted type I collagen gels assessed *via* a combination of frozen sectioning and azan staining.

Fukuda K, Kamoshida Y, Kurokawa T, Yoshida M, Fujita-Yamaguchi Y, Nakata M
2014; 8(4):212-216. (DOI: 10.5582/bst.2014.01090)

Ferulic acid combined with astragaloside IV protects against vascular endothelial dysfunction in diabetic rats.

Yin YH, Qi FH, Song ZH, Zhang B, Teng JL
2014; 8(4):217-226. (DOI: 10.5582/bst.2014.01081)

A simple, rapid, economical, and practical method for the determination of efavirenz in plasma of Chinese AIDS patients by reverse phase high-performance liquid chromatography with ultraviolet detector.

Yin K, Meng XM, Dong P, Ding TR, Shen L, Zhang L, Zhang RF, Cai WM, Lu HZ
2014; 8(4):227-234. (DOI: 10.5582/bst.2014.01002)

Involvement of the central monoaminergic system in the antidepressant-like effect of catalpol in mice.

Wang JM, Cui Y, Feng WS, Zhang YY, Wang GF, Wang XX, Zhou G
2014; 8(5):248-252. (DOI: 10.5582/bst.2014.01029)

Protection of *Angelica sinensis* (Oliv) Diels against hepatotoxicity induced by *Dioscorea bulbifera* L. and its mechanism.

Niu CW, Wang JM, Ji LL, Wang ZT
2014; 8(5):253-259. (DOI: 10.5582/bst.2014.01076)

Fabrication and bioactivity evaluation of porous anodised TiO₂ films *in vitro*.

Teng F, Li JJ, Wu YY, Chen HH, Zhang Q, Wang H, Ou GM
2014; 8(5):260-265. (DOI: 10.5582/bst.2014.01035)

Clinical utility of simultaneous measurement of alpha-fetoprotein and des-γ-carboxy prothrombin for diagnosis of patients with hepatocellular carcinoma in China: A multi-center case-controlled study of 1,153 subjects.

Song PP, Feng XB, Inagaki Y, Song TQ, Zhang KM, Wang ZG, Zheng SG, Ma KS, Li Q, Kong DL, Wu Q, Zhang T, Zhao X, Hasegawa K, Sugawara Y, Kokudo N, Tang W; Japan-China Joint Team for Medical Research and Cooperation on HCC
2014; 8(5):266-273. (DOI: 10.5582/bst.2014.01116)

Relationship between renal apparent diffusion coefficient values and glomerular filtration rate in infants with congenital hydronephrosis.

Lin FF, Li ZY, Gan YG, Sun LW, Fang DG, Xiang K, Liu L
2014; 8(5):274-279. (DOI: 10.5582/bst.2014.01110)

Use of a mini-instrument in endoscopic thyroidectomy *via* a breast approach to improve cosmetic outcomes.

Zhang W, Dang CP, Shan CX, Liu S, Jiang ZG, Wang B, Qiu M
2014; 8(5):280-285. (DOI: 10.5582/bst.2014.01053)

A systematic review of social capital and chronic non-communicable diseases

Hu FY, Hu B, Chen R, Ma Y, Niu L, Qin X, Hu Z
2014; 8(6):290-296. (DOI: 10.5582/bst.2014.01138)

Combination of microRNA expression profiling with genome-wide SNP genotyping to construct a coronary artery disease-related miRNA-miRNA synergistic network

Hua L, Xia H, Zhou P, Li DG, Li L
2014; 8(6):297-307. (DOI: 10.5582/bst.2014.01031)

Differentiation ability of multipotent hematopoietic stem/progenitor cells detected by a porcine specific anti-CD117 monoclonal antibody

Ohshima S, Mori S, Shigenari A, Miyamoto A, Takasu M, Imaeda N, Nunomura S, Okayama Y, Tanaka M, Kitagawa H, Jerzy K, Kulski JK, Inoko H, Ando A, Kametani Y
2014; 8(6):308-315. (DOI: 10.5582/bst.2014.01084)

Detection methods for milk pathogenic bacteria by loop-mediated isothermal amplification

Yang WT, Song XN, Wang JX, Li Z, Ji MJ, Li YF
2014; 8(6):316-321. (DOI: 10.5582/bst.2014.01118)

Osteoprotegerin is up-regulated in pancreatic cancers and correlates with cancer-associated new-onset diabetes

Shi WC, Qiu W, Wang WH, Zhou XH, Zhong XJ, Tian G, Deng AM
2014; 8(6):322-326. (DOI: 10.5582/bst.2014.01092)

The use of ventriculoperitoneal shunts for uncontrollable intracranial hypertension in patients with HIV-associated cryptococcal meningitis with or without hydrocephalus

Liu L, Zhang RF, Tang Z, Lu HZ
2014; 8(6):327-332. (DOI: 10.5582/bst.2014.01070)

Adjuvant sorafenib reduced mortality and prolonged overall survival and post-recurrence survival in hepatocellular carcinoma patients after curative resection: A single-center experience

Zhang W, Zhao G, Wei K, Zhang QX, Ma WW, Song TQ, Wu Q, Zhang T, Kong DL, Li Q
2014; 8(6):333-338. (DOI: 10.5582/bst.2014.01120)

Telaprevir-based triple therapy for hepatitis C null responders among living donor liver transplant recipients

Kaneko J, Sugawara Y, Yamaguchi T, Harada N, Akamatsu N, Ishizawa T, Aoki T, Sakamoto Y, Hasegawa K, Tamura S, Tanaka T, Kokudo N
2014; 8(6):339-345. (DOI: 10.5582/bst.2014.01101)

Case Reports

A case of psoriasis accompanied by arthritis after delivery.

Kanemaru H, Jinnin M, Asao K, Ichihara A, Makino K, Kajihara I, Fujisawa A, Fukushima S, Ihn H
2014; 8(1):64-67. (DOI: 10.5582/bst.8.64)

Primary hepatic mucosa-associated lymphoid tissue lymphoma and hemangioma with chronic hepatitis B virus infection as an underlying condition.

Zhong YS, Wang XH, Deng MH, Fang HP, Xu RY
2014; 8(3):185-188. (DOI: 10.5582/bst.2014.01057)

A case of advanced lung cancer with malignant pericardial effusion treated by intrapericardial Cinobufacini injection instillation.

Sun T, Zhang YH, Shen Y, Hu KW, Zuo MH
2014; 8(4):235-239. (DOI: 10.5582/bst.2014.01073)

Commentaries

Why are some HIV/AIDS patients reluctant to receive antiviral therapy as soon as possible in China?

Sun Y, Lu HZ
2014; 8(3):189-191. (DOI: 10.5582/bst.2014.01015)

Revisiting Einstein's brain in Brain Awareness Week.

Chen H, Chen S, Zeng LD, Zhou L, Hou ST
2014; 8(5):286-289. (DOI: 10.5582/bst.2014.01045)

Health problems associated with international travel: A case of cutaneous myiasis in China due to *Cordylobia anthropophaga* imported from Uganda

Ruan W, Feng Y, Zhang LL, Sun JM, Yao LN
2014; 8(6):346-349. (DOI: 10.5582/bst.2014.01132)

Medical emergency rescue in disaster: The international emergency response to the Haiyan typhoon in Philippines

Ling F, Ye Z, Cai WW, Lu Y, Xia SC, Chen ZP, Chen EF, Wang XF, Wang Z, Lv HK, Gong ZY
2014; 8(6):350-353. (DOI: 10.5582/bst.2014.01119)

Letter

Japan's emerging challenge for child abuse: System coordination for early prevention of child abuse is needed.

Takahashi K, Kanda H, Sugaya N
2014; 8(4):240-241. (DOI: 10.5582/bst.2014.01064)