

Subject Index (2015)

Policy Forum

Public policy response, aging in place, and big data platforms: Creating an effective collaborative system to cope with aging of the population.

Song PP, Chen Y

2015; 9(1):1-6. (DOI: 10.5582/bst.2015.01025)

Developmental Origins of Health and Disease (DOHaD): Implications for health and nutritional issues among rural children in China.

Feng AH, Wang LJ, Chen X, Liu XY, Li L, Wang BZ, Luo HW, Mo XT, Tobe RG

2015; 9(2):82-87. (DOI: 10.5582/bst.2015.01008)

Towards government-funded special biomedical research programs to combat rare diseases in China.

Chen K, Yao L, Liu ZY

2015; 9(2):88-90. (DOI: 10.5582/bst.2015.01048)

Human resources for health development: toward realizing Universal Health Coverage in Japan.

Akashi H, Osanai Y, Akashi R

2015; 9(5):275-279. (DOI: 10.5582/bst.2015.01125)

Reviews

Food traceability systems in China: The current status of and future perspectives on food supply chain databases, legal support, and technological research and support for food safety regulation.

Tang Q, Li JJ, Sun M, Lv J, Gai RY, Mei L, Xu LZ

2015; 9(1):7-15. (DOI: 10.5582/bst.2015.01004)

The advantages of using traditional Chinese medicine as an adjunctive therapy in the whole course of cancer treatment instead of only terminal stage of cancer.

Qi FH, Zhao L, Zhou AY, Zhang B, Li AY, Wang ZX, Han JQ

2015; 9(1):16-34. (DOI: 10.5582/bst.2015.01019)

Advances in diagnosis, treatments, and molecular mechanistic studies of traumatic brain injury.

Lu CY, Xia JF, Wang B, Wu YT, Liu XH, Zhang Y

2015; 9(3):138-148. (DOI: 10.5582/bst.2015.01066)

The role of autophagy in bacterial infections.

Castrejón-Jiménez NS, Leyva-Paredes K, Hernández-González JC, Luna-Herrera J, García-Pérez BE

2015; 9(3):149-159. (DOI: 10.5582/bst.2015.01035)

Substrates of the human oligopeptide transporter hPEPT2.

Zhao DX, Lu K

2015; 9(4):207-213. (DOI: 10.5582/bst.2015.01078)

Associating liver partition and portal vein ligation (ALPPS): Taking a view of trails.

Takamoto T, Sugawara Y, Hashimoto T, Makuuchi M

2015; 9(5):280-283. (DOI: 10.5582/bst.2015.01131)

Dehydroepiandrosterone improves the ovarian reserve of women with diminished ovarian reserve and is a potential regulator of the immune response in the ovaries.

Zhang JL, Qiu XM, Gui YY, Xu YP, Li DJ, Wang L

2015; 9(6):350-359. (DOI: 10.5582/bst.2015.01154)

Original Articles

Perinatal outcomes of pregnancies complicated by preterm premature rupture of the membranes before 34 weeks of gestation in a tertiary center in China: A retrospective review.

Yu HY, Wang XD, Gao HC, You Y, Xing AY
2015; 9(1):35-41. (DOI: 10.5582/bst.2014.01058)

L-carnitine affects osteoblast differentiation in NIH3T3 fibroblasts by the IGF-1/PI3K/Akt signalling pathway.

Ge PL, Cui YZ, Liu F, Luan J, Zhou XY, Han JX
2015; 9(1):42-48. (DOI: 10.5582/bst.2015.01000)

Susceptibility to proteases of anti-Tn-antigen MLS128 binding glycoproteins expressed in human colon cancer cells Budd-Chiari syndrome and liver transplantation.

Oura F, Yajima Y, Nakata M, Taniue K, Akiyama T, Nakada H, Yamamoto K, Fujita-Yamaguchi Y
2015; 9(1):49-55. (DOI: 10.5582/bst.2014.01127)

Roles of the highly conserved amino acids in the globular head and stalk region of the Newcastle disease virus HN protein in the membrane fusion process.

Sun CX, Wen HL, Chen YZ, Chu FL, Lin B, Ren GJ, Song YY, Wang ZY
2015; 9(1):56-64. (DOI: 10.5582/bst.2014.01140)

Short- and long-term outcomes of hepatectomy with or without radiofrequency-assist for the treatment of hepatocellular carcinomas: a retrospective comparative cohort study.

Guo R, Feng XB, Xiao SL, Yan J, Xia F, Ma KS, Li XW
2015; 9(1):65-72. (DOI: 10.5582/bst.2014.01142)

Fatal cases of human infection with avian influenza A (H7N9) virus in Shanghai, China in 2013.

Shen YZ, Lu HZ, Qi TK, Gu Y, Xiang M, Lu SH, Qu HP, Zhang WH, He J, Cao HF, Ye J, Fang XC, Wu XZ, Zhang ZY
2015; 9(1):73-78. (DOI: 10.5582/bst.2014.01113)

A cross-sectional study of leukopenia and thrombocytopenia among Chinese adults with newly diagnosed HIV/AIDS.

Shen YZ, Wang JR, Wang ZY, Shen JY, Qi TK, Song W, Tang Y, Liu L, Zhang RF, Zeng Y, Lu HZ
2015; 9(2):91-96. (DOI: 10.5582/bst.2015.01024)

Hepatitis C virus infection in the general population: A large community-based study in Mianyang, West China.

Zhou M, Li H, Ji YL, Ma YJ, Hou FS, Yuan P
2015; 9(2):97-103. (DOI: 10.5582/bst.2015.01033)

A comparative study of contrast enhanced ultrasound and contrast enhanced magnetic resonance imaging for the detection and characterization of hepatic hemangiomas.

Fang L, Zhu Z, Huang BJ, Ding H, Mao F, Li CL, Zeng MS, Zhou JJ, Wang L, Wang WP, Chen Y
2015; 9(2):104-110. (DOI: 10.5582/bst.2015.01026)

Polyphosphate-induced matrix metalloproteinase-3-mediated proliferation in rat dental pulp fibroblast-like cells is mediated by a Wnt5 signaling cascade.

Ozeki N, Yamaguchi H, Hase N, Hiyama T, Kawai R, Kondo A, Nakata K, Mogi M
2015; 9(3):160-168. (DOI: 10.5582/bst.2015.01041)

Bu-Shen-Ning-Xin decoction suppresses osteoclastogenesis via increasing dehydroepiandrosterone to prevent postmenopausal osteoporosis.

Gui YY, Qiu XM, Xu YP, Li DJ, Wang L

2015; 9(3):169-181. (DOI: 10.5582/bst.2015.01011)

Evaluation of medical staff and patient satisfaction of Chinese hospitals and measures for improvement.

Li M, Huang CY, Lu XC, Chen SY, Zhao P, Lu HZ
2015; 9(3):182-189. (DOI: 10.5582/bst.2015.01043)

Prevalence of 7 virulence genes of *Legionella* strains isolated from environmental water sources of public facilities and sequence types diversity of *L. pneumophila* strains in Macau.

Xiong LN, Zhao HB, Mo ZY, Shi L
2015; 9(4):214-220. (DOI: 10.5582/bst.2015.01075)

High copy numbers and N terminal insertion position of influenza A M2E fused with hepatitis B core antigen enhanced immunogenicity.

Sun XC, Wang YL, Dong CW, Hu JQ, Yang LP
2015; 9(4):221-227. (DOI: 10.5582/bst.2015.01060)

Products of dentin matrix protein-1 degradation by interleukin-1 β -induced matrix metalloproteinase-3 promote proliferation of odontoblastic cells.

Hase N, Ozeki N, Hiyama T, Yamaguchi H, Kawai R, Kondo A, Nakata K, Mogi M
2015; 9(4):228-236. (DOI: 10.5582/bst.2015.01092)

Protective effects on vascular endothelial cell in *N*'-nitro-*L*-arginine (*L*-NNA)-induced hypertensive rats from the combination of effective components of *Uncaria rhynchophylla* and *Semen Raphani*.

Li YL, Yang WQ, Zhu QJ, Yang JG, Wang Z
2015; 9(4):237-244. (DOI: 10.5582/bst.2015.01087)

Dual regulating effect of Ningdong granule on extracellular dopamine content of two kinds of Tourette's syndrome rat models.

Zhao L, Qi FH, Zhang F, Wang ZX, Mu LM, Wang Y, En Q, Li JJ, Du YF, Li AY
2015; 9(4):245-251. (DOI: 10.5582/bst.2015.01088)

The diagnostic value of contrast-enhanced ultrasound in differentiating small renal carcinoma and angiomyolipoma.

Chen L, Wang L, Diao XH, Qian WQ, Fang L, Pang Y, Zhan J, Chen Y
2015; 9(4):252-258. (DOI: 10.5582/bst.2015.01080)

The Chinese version of monitoring and evaluation system strengthening tool for human immunodeficiency virus (HIV) capacity building: Development and evaluation.

Zhao R, Chen R, Zhang B, Ma Y, Qin X, Hu Z
2015; 9(4):259-265. (DOI: 10.5582/bst.2015.01111)

A systematic review and meta-analysis of feasibility, safety and efficacy of associating liver partition and portal vein ligation for staged hepatectomy (ALPPS) versus two-stage hepatectomy (TSH).

Sun ZP, Tang W, Sakamoto Y, Hasegawa K, Kokudo N
2015; 9(5):284-288. (DOI: 10.5582/bst.2015.01139)

Transarterial Y90 radioembolization versus chemoembolization for patients with hepatocellular carcinoma: A meta-analysis.

Zhang YF, Li YM, Ji H, Zhao X, Lu HW
2015; 9(5):289-298. (DOI: 10.5582/bst.2015.01089)

Adenovirus-mediated P311 inhibits TGF- β 1-induced epithelialmesenchymal transition in NRK-52E cells via TGF- β 1-Smad-ILK pathway.

Qi FH, Cai PP, Liu X, Peng M, Si GM
2015; 9(5):299-306. (DOI: 10.5582/bst.2015.01129)

DHEA promotes osteoblast differentiation by regulating the expression of osteoblast-related genes and Foxp3⁺ regulatory T cells.

Qiu XM, Gui YY, Xu YP, Li DJ, Wang L
2015; 9(5):307-314. (DOI: 10.5582/bst.2015.01073)

Protective effect of oleanolic acid on oxidized-low density lipoprotein induced endothelial cell apoptosis.

Cao JH, Li GH, Wang MZ, Li H, Han ZW
2015; 9(5):315-324. (DOI: 10.5582/bst.2015.01094)

Decrease of ZEB1 expression inhibits the B16F10 cancer stem-like properties.

Zhao FS, He XF, Wang YQ, Shi FF, Wu D, Pan M, Li M, Wu SY, Wang XY, Dou J
2015; 9(5):325-334. (DOI: 10.5582/bst.2015.01106)

The risk factors for suboptimal CD4 recovery in HIV infected population: an observational and retrospective study in Shanghai, China.

Zhang FD, Sun MY, Sun JJ, Guan LQ, Wang JR, Lu HZ
2015; 9(5):335-341. (DOI: 10.5582/bst.2015.01107)

Serum concentrations of Flt-3 ligand in rheumatic diseases.

Nakamura K, Nakatsuka N, Jinnin M, Makino T, Kajihara I, Makino K, Honda N, Inoue K, Fukushima S, Ihn H
2015; 9(5):342-349. (DOI: 10.5582/bst.2015.01121)

Polyphosphate-induced matrix metalloproteinase-3-mediated differentiation in rat dental pulp fibroblast-like cells.

Hiyama T, Ozeki N, Hase N, Yamaguchi H, Kawai R, Kondo A, Mogi M, Nakata K
2015; 9(6):360-366. (DOI: 10.5582/bst.2015.01134)

Lipopolysaccharide-induced serotonin transporter up-regulation involves PKG-I and p38MAPK activation partially through A3 adenosine receptor.

Zhao R, Wang SB, Huang ZL, Zhang L, Yang XY, Bai XY, Zhou D, Qin ZZ, Du GH
2015; 9(6):367-376. (DOI: 10.5582/bst.2015.01168)

Knockdown of AT-rich interaction domain (ARID) 5B gene expression induced AMPK α 2 activation in cardiac myocytes.

Hirose-Yotsuya L, Okamoto F, Yamakawa T, Whitson RH, Fujita-Yamaguchi Y, Itakura K
2015; 9(6):377-385. (DOI: 10.5582/bst.2015.01159)

Overexpression of C35 in breast carcinomas is associated with tumor progression and lymphnode metastasis.

Yin K, Ba ZH, Li CC, Xu C, Zhao GH, Zhu S, Yan G
2015; 9(6):386-392. (DOI: 10.5582/bst.2015.01161)

Serum expression levels of miR-17, miR-21, and miR-92 as potential biomarkers for recurrence after adjuvant chemotherapy in colon cancer patients.

Conev N, Donev I, Konsoulova-Kirova A, Chervenkov T, Kashlov J, Ivanov K
2015; 9(6):393-401. (DOI: 10.5582/bst.2015.01170)

Pancreatic adenocarcinoma: the impact of preneoplastic lesion pattern on survival.

Flattet Y, Yamaguchi T, Andrejevic-Blant S, Halkic N
2015; 9(6):402-406. (DOI: 10.5582/bst.2015.01163)

Exclusion criteria for assuring safety of single-incision laparoscopic cholecystectomy.

Kawaguchi Y, Ishizawa T, Nagata R, Kaneko J, Sakamoto Y, Aoki T, Sugawara Y, Hasegawa K, Kokudo N
2015; 9(6):407-413. (DOI: 10.5582/bst.2015.01143)

The relationship between the tip position of an indwelling venous catheter and the subcutaneous edema.

Murayama R, Takahashi T, Tanabe H, Yabunaka K, Oe M, Oya M, Uchida M, Komiyama C, Sanada H
2015; 9(6):414-419. (DOI: 10.5582/bst.2015.01114)

Brief Reports

Possible relationship between the heart rates and serum amyloid A in a hyperglycemic population.

Kotani K, Uurtuya S, Taniguchi N, Yamada T
2015; 9(1):79-81. (DOI: 10.5582/bst.2014.01114)

Hepatitis B virus promotes autophagic degradation but not replication in autophagosome.

Yang HY, Fu QN, Liu C, Li TS, Wang YN, Zhang HB, Lu X, Sang XT, Zhong SX, Huang JF, Mao YL
2015; 9(2):111-116. (DOI: 10.5582/bst.2015.01049)

C35 is overexpressed in colorectal cancer and is associated tumor invasion and metastasis.

Dong X, Huang Y, Kong LB, Li J, Kou JX, Yin LX, Yang JY
2015; 9(2):117-121. (DOI: 10.5582/bst.2015.01057)

Upregulation of Bcl-2 enhances secretion of growth factors by adipose-derived stem cells deprived of oxygen and glucose.

Cui ZW, Zhou HR, He CJ, Wang WD, Yang Y, Tan Q
2015; 9(2):122-128. (DOI: 10.5582/bst.2014.01133)

The impact of intra-abdominal pressure on the stroke volume variation and plethysmographic variability index in patients undergoing laparoscopic cholecystectomy.

Liu FF, Zhu SH, Ji Q, Li WY, Liu J
2015; 9(2):129-133. (DOI: 10.5582/bst.2015.01029)

MVsCarta: A protein database of matrix vesicles to aid understanding of biomineralization.

Cui YZ, Xu Q, Luan J, Hu SC, Pan JB, Han JX, Ji ZL
2015; 9(3):190-192. (DOI: 10.5582/bst.2015.01061)

Risk factors for recurrence of primary spontaneous pneumothorax after thoracoscopic surgery.

Huang HB, Ji H, Tian H
2015; 9(3):193-197. (DOI: 10.5582/bst.2015.01070)

Toad skin extract cinobufatini inhibits migration of human breast carcinoma MDA-MB-231 cells into a model stromal tissue.

Nakata M, Mori S, Kamoshida Y, Kawaguchi S, Fujita-Yamaguchi Y, Gao B, Tang W
2015; 9(4):266-269. (DOI: 10.5582/bst.2015.01109)

Diseases that precede disability among latter-stage elderly individuals in Japan.

Naruse T, Sakai M, Matsumoto H, Nagata S
2015; 9(4):270-274. (DOI: 10.5582/bst.2015.01059)

Alantolactone exhibited anti-herpes simplex virus 1 (HSV-1) action *in vitro*.

Rezeng CD, Yuan DP, Long J, Suonan DD, Yang F, Li WY, Tong L, Jiumei PC
2015; 9(6):420-422. (DOI: 10.5582/bst.2015.01171)

Case Report

Castleman disease of the mesentery as the great mimic: Incidental finding of one case and the literature review.

Lv A, Hao CY, Qian HG, Leng JH, Liu W

2015; 9(3):198-202. (DOI: 10.5582/ bst.2015.01065)

Commentary

Retraction of a study on genetically modified corn: Expert investigations should speak louder during controversies over safety.

Xia JF, Song PP, Xu LZ, Tang W

2015; 9(2):134-137. (DOI: 10.5582/ bst.2015.01047)

News

China upgrades surveillance and control measures of Middle East respiratory syndrome (MERS).

Gao JJ, Song PP

2015; 9(3):203-204. (DOI: 10.5582/ bst.2015.01082)

Letter

Expected role of medical technologists in diabetes mellitus education teams.

Kotani K, Imazato T, Anzai K

2015; 9(3):205-206. (DOI: 10.5582/ bst.2015.01058)