



Curriculum Vitae
Dianjun Sun, PhD

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CURRICULUM VITAE

PERSONAL DETAILS

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Nationality: Chinese

Residency Status: Permanent Chinese Resident

CURRENT POSITIONS

Director Center for Endemic Disease Control, CDC, China

Vice President Harbin Medical University

EDUCATION AND QUALIFICATIONS

1993-1996	PhD degree of Epidemiology and statistics	Harbin Medical University, China
1988-1991	Master degree of Epidemiology and statistics	Harbin Medical University, China
1980-1985	Bachelor of Preventive Medicine	Harbin Medical University, China

APPOINTMENTS

2008-now	Director of Center for Endemic Disease Control, CDC, China
2000-2008	Vice Director of Center for Endemic Disease Control, CDC, China
1998-2009	Head of Institute for Endemic Fluorosis Control, Center for Endemic Disease Control, CDC, China
1997-1998	Deputy Head of Institute for Kashin-Beck Disease Control, Center for Endemic Disease Control, CDC, China
1998-now	Professor of Center for Endemic Disease Control, CDC, China
1996-1997	Associate Professor of Center for Endemic Disease Control, CDC, China
1991-1993	Assistant Professor of Center for Endemic Disease Control, CDC, China
1985-1988	Assistant Teacher of the Department of Social Medicine of Harbin Medical University

AWARDS AND PRIZES

- 2019 National Prize for Teaching Achievement (second prize)
- 2019 Science and Technology Progress Award in Heilongjiang Province, Heilongjiang Provincial Government (first prize)
- 2017 Science and Technology Progress Award, Ministry of Education, China (second prize)
- 2007, 2015, valid candidate of academician of the Chinese Academy of Engineering
- 2017
- 2016 National Excellent scientific and Technological worker, China Association for Science and Technology
- 2015 Science and Technology Award of The Eighth Chinese Population Award
- 2013 The Team of Excellent Graduate Tutors, Department of Education of Heilongjiang Province
- 2013 Excellent Graduate Tutor, Department of Education of Heilongjiang Province
- 2012 Excellent scientific and Technological worker, Heilongjiang Association for Science and Technology
- 2011 Distinguished Individual in the Prevention and Control of Coal Burning Fluorosis in Guizhou Province, Leadership Team of Guizhou Province for the Prevention of Coal -Burning Fluorosis
- 2011 Science and Technology Progress Award, Chinese Medical Association (second prize)
- 2011 Science and Technology Progress Award, Ministry of Education, China (second prize)

- 2009 Special allowance of the State Council, China
- 2007 Science and Technology Progress Award, Ministry of Education, China (first prize)
- 2002 Distinguished Individual in Prevention and Control of Endemic Diseases, Ministry of Health, China; State Economic and Trade Commission, Ministry of Agriculture, China; Ministry of Water Resources, China
- 2002 Young Expert with Outstanding Contributions, Ministry of Health, China
- 2001 Special allowance of Heilongjiang Provincial People's Government
- 2001 Winner of Outstanding Youth Foundation of Heilongjiang Province, Natural Science Foundation of Heilongjiang Province
- 1999 Outstanding Young Expert of Heilongjiang Province, Heilongjiang Provincial People's Government
- 1997 Excellent Scientific and Technological Worker of National Endemic Disease Control, the Ministry of Health,
- 1996 Science and Technology Progress Award in Heilongjiang Province, Heilongjiang Provincial Government (first prize)

RESEARCH FUNDINGS

2019.7-2022.7	Science and technology of Heilongjiang Province:Teh screening of evaluation indexes of iodine nutrition in pregnant women and the establishment and application of reference	¥ 1,000,000.00
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	range(TD2019H001)	
2019.1-2023.12	Key project of NSFC: Study on the relationship between iodine exposure with different thyroid diseases and its mechanism (grant NO. 81830098)	¥2,940,000.00
2016.1-2019.12	General project of NSFC: The protective mechanism of folic acid and vitamin B12 against arsenic-induced cognitive impairment (grant NO. 81573097)	¥700,000.00
2014.8-2017.8	Applied technology research and development projects of Heilongjiang Province: Appropriate application of key technologies for health research (grant NO. GA14C101)	¥2,000,000.00
2014.5-2014.12	Special fund of NSFC: Basic prevention strategy of brucellosis in China (grant NO. 81342001)	¥150,000.00
2013.1-2016.12	General project of NSFC: the role of homocysteine (Hcy) in arsenic-induced cognitive impairment and its molecular mechanism (grant NO.81273013)	¥950,000.00
2012.1-2014.12	The project of science and technology innovation team in the Education Department of Heilongjiang province: The prevention and control of priority diseases related to environment (grant NO. 2012TD003)	¥2,000,000.00
2011.1-2013.12	General project of NSFC: effect of fluoride, aluminum and tea polyphenols on the activity of chloride channels of osteoclasts and the regulatory mechanism (grant NO. 80172252)	¥360,000.00
2008.1-2010.12	Supporting Program of the “Eleventh Five-year Plan” for Sci & Tech Research of China: research on the health effect of arsenic exposure and related	¥2,000,000.00

	assessment technique (grant NO. 2006BAJ06B04)	
2006.1-2008.12	General project of NSFC: joint action of fluorine, aluminum and teapol in brick tea in the pathogenesis of drinking tea type of skeletal fluorosis (grant NO. 30571614)	¥ 300,000.00
2004.1-2006.12	General project of NSFC: synergistic action and regulatory mechanism of MMPs and BMPs in the bone turnover of skeletal fluorosis (grant NO. 30371251)	¥ 220,000.00
2003.1-2015.12	Cooperative project of Chinese government and United Nations International Children's Emergency Fund (UNICEF) : arsenic mitigation	\$1,000,000.00
2002.1-2004.12	General project of NSFC: influence of altitude on the metabolism, pathogenesis effect and lipid peroxidation function of fluorine in brick tea (grant NO. 30170829)	¥ 200,000.00

EDITORIAL BOARD AND PROFESSIONAL MEMBERSHIP

Pre-Chairman Endemic Disease Branch of Chinese Medical Association

Chairman Professional Committee of Endemic Disease Standard, National Health and Family Planning Commission of the People's Republic of China

Chairman Sub-Committee of Endemic Disease Prevention and Control, Expert Committee of Disease Prevention and Control, National Health and Family Planning Commission of the People's Republic of China

Vice Chairman Expert Committee of Disease Prevention and Control, National Health and Family Planning Commission of the People's Republic of China

Vice-chairman Rural Water Supply and Latrine Improvement Committee, Chinese Preventive Medicine Association

Member The Seventh branch review group of the Academic Degrees Committee of the State Council (Public health and Preventive Medicine Group)

Director Key Lab of Etiology and Epidemiology, National Health and Family Planning Commission of the People's Republic of China

Director Key Discipline of Epidemiology and Biostatistics in Heilongjiang Province

Editor-in-chief Chinese Journal of Endemiology

Associate Editor Fluoride

KNOWLEDGE TRANSFER / TEACHING

Course	Time	Class Hours	The Level of Students	Number of Students
Endemiology	2010.4-2019.6	36	Five Years College of Preventive Medicine, Five Years College of Health Management	1423
Endemiology	2003.9-2019.6	67.8	Master Degree Candidate	284

PUBLICATIONS

BOOKS

1. Second Chief Editor. Research report of international comparative study on strategies for the prevention and control of a major disease (hypertension) in China's cold regions (2019), People Health Publishing House.
2. Associate Chief Editor. Report on medical and health field of China's engineering science and technology development strategy 2035(2019), Science Press.
3. First Chief Editor. Kashin-Beck disease (2019), People Health Publishing House.
4. First Chief Editor. Endemic disease in China(2019), Springer.
5. Director of editorial board member. The iodine supplementation Guidelines for Chinese residents (2018), People Health Publishing House.
6. First Chief Editor. Monitor of national Iodine deficiency 2014 (2017), People Health Publishing House.
7. First Chief Editor. Coal-burning type of endemic fluorosis control and practice in China (2017), People Health Publishing House.
8. First Chief Editor. Diagnosis of Kashin-Beck disease (2017), People Health Publishing House.
9. First Chief Editor. Endemic disease in china (2017), People Health Publishing House.
10. First Chief Editor. Handbook of Kashin-Beck disease prevention and control (2016), People Health Publishing House.
11. Chief Editor: Pictorial manual for endemic arsenicosis diagnosis (2015), People Health Publishing House.
12. Chief Editor: Terms of endemiology (2015), Science Press
13. Chief Editor: Monitor of national Iodine deficiency 2011 (2014). People Health Publishing House.

14. Chief Editor: Handbook of endemic fluorosis prevention and control (2012). People Health Publishing House.
15. Chief Editor: Endemic disease (2011). People Health Publishing House.
16. Chief Editor: Monitor of key national endemic disease (1990-2006) (2009). People Health Publishing House.
17. Chief Editor: Monitor of national Iodine deficiency 2005 (2007). People Health Publishing House.
18. Chief Editor: Handbook of endemic arsenicosis prevention and control (2006). People Health Publishing House.
19. Chief Editor: Report on the investigation in the key areas of endemic fluorosis in China (2005), People Health Publishing House.
20. Chief Editor: Monitor of national Iodine deficiency 2002 (2003). People Health Publishing House.

JOURNAL ARTICLES IN ENGLISH

1. Wei Wei, Shujuan Pang, Xiaoyan Fu, Shiwen Tan, Qian wang, Shize Wang, **Dianjun Sun***.The role of PERK and IRE1 signaling pathways in excessive fluoride mediated impairment of lymphocytes in rats' spleen in vivo and in vitro. Chemosphere,2019,223:1-11.
2. Kewei Wang,Jun Yu,Hui Liu,Yan Hong Cao,Ning Liu,Xufeng Zhang,**Dianjun Sun***.Endemic Kashin–Beck disease: a food-sourced osteoarthropathy Seminars in Arthritis and Rheumatism,2019.
3. Wei Wei,Shujuan Pang,**Dianjun Sun***.The pathogenesis of endemic fluorosis: Research progress in the last 5 years. J Cell Mol Med,2019,23(4): 2333-2342.
4. Liwei Zhang,Yanhui Gao,Hongqi Feng,Ning Zou,Kewei Wang,**Dianjun Sun***.Effects of selenium deficiency and low protein intake on the apoptosis through a

mitochondria-dependent pathway. *Journal of Trace Elements in Medicine and Biology*, 2019, 56:21-30.

5. Chunlei Ji, Ye Bu, Chunyuan Tian, Lijun Fan, Shoujun Liu, Ying Liu, **Dianjun Sun***. Determination of Reference Intervals of Ratios of Concentrations of Urinary Iodine to Creatinine and Thyroid Hormone Concentrations in Pregnant Women Consuming Adequate Iodine in Harbin, Heilongjiang Province. *Biological Trace Element Research*, 2019.
6. Xiaoyan Fua, Yanhui Gao, Yanmei Yang, Ning Zoua, Kewei Wang, Pan Yana, **Dianjun Sun***. Induced lesion and inhibited Ihh-PTHrP signalling pathway activity in the articular cartilage of rats caused by T-2 toxin. *Toxicon*, 2019, 158:104-108.
7. Wei Zhang, Yanhui Gao, Guangqian Yu, Zhenbo Yang, Lijun Zhao, Xiaohong Ji, Yunpeng Ding, Wei Wang, Wei Wei, Yuanyuan Li, Lin Gao, **Dianjun Sun***. Progress in the prevention and control of waterborne arsenicosis in China. *International Journal of Environmental Health Research*, 2019.
8. Shengzhong Rong, Yanhui Gao, Yanmei Yang, Hanwen Shao, Akinkunmi Paul Okekunle, Chunpeng Lv, Yang Du a, Hongna Sun, Yuting Jiang, Gottfried M. Darko, **Dianjun Sun***. Nitric oxide is involved in the hypothyroidism with significant morphology changes in female Wistar rats induced by chronic exposure to high water iodine from potassium iodate. *Chemosphere*, 2018, 206:320-329. (通讯作者)
9. Wei Zhang, Xiaohui Cui, Yanhui Gao, Liyan Sun, Jing Wang, Yanmei Yang, Xiaona Liu, Yuanyuan Li, Xiangnan Guo, Dianjun Sun. Role of pigment epithelium-derived factor (PEDF) on arsenic-induced neuronal apoptosis. *Chemosphere*, 2018, 215:925-931.
10. Yuting Jiang, Yanmei Yang, Hongge Wang, Gottfried Darko, **Dianjun Sun***, **Yanhui Gao***. Identification of miR-200c-3p as a major regulator of SaoS2 cells activation induced by fluoride. *Chemosphere*, 199:694-701.
11. Junrui Pei, Jiaxun Xu, Hongna Sun, Chunpeng Lv, Yuting Jiang, Weiwei Sun, Wei Jiang,

Lisha Qu, Lixin Jiang,**Yanhui Gao***,**Dianjun Sun***.IDENTIFICATION OF PATHOGENESIS-RELATED MICRORNA PROFILES IN SKELETAL FLUOROSIS. FLUORIDE,2018,52(1):1-13.

12. Lanrong Luo,Yuanyuan Li, Yanhui Gao, Lijun Zhao, Hongqi Feng, Wei Wei, Chuanying Qiu, Qian He, Yanting Zhang,**Songbo Fu***,**Dianjun Sun***.Association between arsenic metabolism gene polymorphisms and arsenic-induced skin lesions in individuals exposed to high-dose inorganic arsenic in northwest China. SCIENTIFIC REPORTS,2018.
13. Yanting Zhang,Yuanyuan Li, Lanrong Luo, Qian He, Yanhui Gao, Hongqi Feng, Lijun Zhao, Wei Wei,**Songbo Fu***,**Dianjun Sun***.Factors Affecting Differential Methylation of DNA Promoters in Arsenic-Exposed Populations, Biological Trace Element Research,2018,189(2):437-446.
14. Bingyun Li,Yan-Mei Yang,Yang Liu,Jing Sun,Yan Ye,Xiao-Na Liu,Hong-Xu Liu,Zhen-Qi Sun,Mang Li,Jing Cui,**Dianjun Sun***,Yanhui Gao.Prolactin rs1341239 T allele may have protective role against the brick tea type skeletal fluorosis. PLOS ONE,2017,12(2): e0171011.
15. Bingyun Li,Yanhui Gao,Hunrui Pei,Yanmei Yang,Wei Zhang,**Dianjun Sun**, CIC-7/Ostm1 contribute to the ability of tea polyphenols to maintain bone homeostasis in C57BL/6 mice. protecting against fluorosis. International Journal of Molecular Medicine ,2017,39(5): 1155-1163.
16. Yang Du,Yanhui Gao,Zhuoying Feng,Fangang Meng ,Lijun Fan,**Dianjun Sun***. Serum Thyroglobulin—A Sensitive Biomarker of Iodine Nutrition Status and Affected by Thyroid Abnormalities and Disease in Adult Populations. Biomedical and Environmental Sciences,2017,30(7): 508-516.
17. Chunpeng Lv,Yanmei Yang,Lixin Jiang, Lin Gao,Shengzhong Rong, Gottfried M. Darko,Wen Jiang,Yanhui Gao,**Dianjun Sun***.Association between chronic exposure to different water iodine and thyroid cancer: A retrospective study from 1995 to 2014.

Science of the Total Environment,2017,(609):735-741.

18. Hongna Sun,Yanmei Yang,Hanwen Shao,Weiwei Sun,Muyu Gu,Hui Wang,Lixin Jiang,Lisha Qu,**Dianjun Sun***,Yanhui Gao. Sodium Arsenite-Induced Learning and Memory Impairment Is Associated with Endoplasmic Reticulum Stress-Mediated Apoptosis in Rat Hippocampus. *Frontiers Molecular Neuroscience*,2017,10:doi: 10.3389/fnmol.2017.00286.
19. Jiang Xm, Li Zl, Li JI, Zheng Wy Li XH, Cui Yunfu,**Dianjun Sun***.LncRNA CCAT1 as the unfavorable prognostic biomarker for cholangiocarcinoma. *European Review for Medical and Pharmacological Sciences*,2017,21(6): 1242-1247.
20. Yang Li , Ning Zou , Jing Wang , Kewei Wang, Fuyuan Li , Fuxun Chen , Bingyu Sun,**Dianjun Sun***.TGF- β 1/Smad3 Signaling Pathway Mediates T-2 Toxin-Induced Decrease of Type II Collagen in Cultured Rat Chondrocytes. *Toxins*,2017,9(11):359.
21. **Sun D**, Codling K, Chang S, Zhang S, Shen H, Su X, Chen Z, Scherpbier RW, Yan J*. Eliminating Iodine Deficiency in China: Achievements, Challenges and Global Implications. *Nutrients*, 2017 Apr 5;9(4). pii:E361.
22. Liu J, Gao Y, Liu H, Sun J, Liu Y, Wu J, Li D, **Sun D***.Assessment of relationship on excess arsenic intake from drinking water and cognitive impairment in adults and elders in arsenicosis areas. *Int J Hyg Environ Health*, 2017 Apr;220(2 Pt B):424-430.
23. Wei W, Gao Y, Shi Y, Ding Y, Gao L, Ji X, Wang S, Fu S, **Sun D***. Effects of sodium fluoride on the unfolded protein response signaling pathway in rat ameloblasts. *Fluoride*, 2016, 49(3): 211-222.
24. Zhang J, Li Ying, Song X, Ji X, Sun H, Wang H, Fu S, Zhao L*, **Sun D***. Differential expression of serum proteins in rats subchronically exposed to arsenic identified by iTRAQ-based proteomic technology—14-3-3 ζ protein to serve as a potential biomarker. *Toxicology Research*, 2016, 5(2): 651-659.
25. Chen X, Shi H, Yang F, Yang L, Lv Y, Wang S, Dai E, **Sun D***, Jiang W*. Large-scale

identification of adverse drug reaction-related proteins through a random walk model. *Sci Rep*, 2016 Nov 2;6:36325.

26. Sun L, Gao Y, Zhang W, Liu X, Li B, Cui X, **Sun D***. Mechanisms Underlying Endothelin-1 Level Elevations Caused by Excessive Fluoride Exposure. *Cell Physiol Biochem*, 2016, 40(5):861-873.
27. Pei J, Li B, Gao Y, Xu J, Darko GM, **Sun D***. Relationship between fluoride exposure and osteoclast markers during RANKL-induced osteoclast differentiation. *Environ Toxicol Pharmacol*, 2016, 46:241-245.
28. Liu P, Su X, Li M, Shen H, Yu J, Kelly PJ, Meng F, Liu L, Fan L, Li M, Liu S, **Sun D***. Should urinary iodine concentrations of school-aged children continue to be used as proxy for different populations? Analysis of data from Chinese national surveys. *Br J Nutr*, 2016, 116(6):1068-1076.
29. Yang L, Wang S, Zhou M, Chen X, Zuo Y, **Sun D***, Lv Y*. Comparative analysis of housekeeping and tissue-selective genes in human based on network topologies and biological properties. *Mol Genet Genomics*, 2016, 291(3):1227-41.
30. Ji X, Liu P, Sun Z, Su X, Wang W, Gao Y, **Sun D***. Intra-individual variation in urinary iodine concentration: effect of statistical correction on population distribution using seasonal three-consecutive-day spot urine in children. *BMJ Open*, 2016, 6(2):e010217.
31. Zhu D, Zhang L, Cheng L, Ren L, Tang J, **Sun D***. Pancreatic Kininogenase Ameliorates Renal Fibrosis in Streptozotocin Induced-Diabetic Nephropathy Rat. *Kidney Blood Press Res*, 2016, 41(1):9-17.
32. Li M, Gao Y, Cui J, Li Y, Li B, Liu Y, Sun J, Liu X, Liu H, Zhao L **Sun D***. Cognitive Impairment and Risk Factors in Elderly People Living in Fluorosis Areas in China. *Biol Trace Elem Res*, 2016, 172(1):53-60.
33. Fan Z, Gao Y, Wang W, Gong H, Guo M, Zhao S, Liu X, Yu B, **Sun D***. Prevalence of

Brick Tea-Type Fluorosis in the Tibet Autonomous Region. *J Epidemiol*, 2016, 26(2):57-63.

34. Qu L, Gao Y, Sun H, Wang H, Liu X, **Sun D***. Role of PTEN-Akt-CREB Signaling Pathway in Nervous System impairment of Rats with Chronic Arsenite Exposure. *Biol Trace Elem Res*, 2016, 170(2):366-372.
35. Liu X, Gao Y, An Y, Fu X, Li Y, **Sun D***, Wang J*. Neuroglobin Plays a Protective Role in Arsenite-Induced Cytotoxicity by Inhibition of Cdc42 and Rac1GTPases in Rat Cerebellar Granule Neurons. *Cell Physiol Biochem*, 2015, 36(4):1613-1627.
36. Wang L, Jiao Y, Sun S, Jarrett HW, **Sun D***, Gu W*. Gene network of a phosphoglycerate mutase in muscle wasting in mice. *Cell Biol Int*, 2015, 39(6):666-677.
37. Li M, Cui J, Gao Y, Zhang W, Sun L, Liu X, Liu Y, **Sun D***. Pathological changes and effect on the learning and memory ability in rats exposed to fluoride and aluminum. *Toxicology Research*, 2015, 4(5):1366-1373.
38. Sun L, Gao Y, Zhang W, Liu H, **Sun D***. Effect of high fluoride and high fat on serum lipid levels and oxidative stress in rabbits. *Environ Toxicol Pharmacol*, 2014, 38(3):1000-1006.
39. Liu X, Gao Y, Yao H, Zhou L, Pei J, Sun L, Wang J*, **Sun D***. p38 and extracellular signal-regulated kinases activations have opposite effects on primary-cultured rat cerebellar granule neurons exposed to sodium arsenite. *J Biochem Mol Toxicol*, 2014, 28(4):143-8.
40. Yu J, Liu P, Liu Y, Liu S, **Sun D***. Should both iodised and non-iodised salt be made available in Chinese cities? A cross-sectional survey. *Bmj Open*, 2014, 4(7):e005397.
41. Wang C, Feng R, Li Y, Zhang Y, Kang Z, Zhang W, **Sun D***. The metabolomic profiling of serum in rats exposed to arsenic using UPLCQ-TOF MS. *Toxicol Lett*, 2014, 229(3):474-481.

42. Du Y, Gao Y, Meng F, Liu S, Fan Z, Wu J, **Sun D***. Iodine Deficiency and Excess Coexist in China and Induce Thyroid Dysfunction and Disease A Cross-Sectional Study. *Plos One*, 2014, 9(11):e111937.
43. Fu S, Wu J, Li Y, Liu Y, Gao Y, Yao F, Qiu C, Song L, Wu Y, Liao Y, **Sun D***. Urinary arsenic metabolism in a Western Chinese population exposed to high-dose inorganic arsenic in drinking water Influence of ethnicity and genetic polymorphisms. *Toxicol Appl Pharmacol*, 2014, 274(1):117-23.
44. Liu H, Gao Y, Sun L, Li M, Li B, **Sun D***. Assessment of relationship on excess fluoride intake from drinking water and carotid atherosclerosis development in adults in fluoride endemic areas, China. *Int J Hyg Environ Health*, 2014, 217(2-3):413-20.
45. Sun S, Jiao Y, Wei W, Postlethwaite AE, Gu W*, **Sun D***. Comparison of LAIR-1 genetic pathways in murine vs human internal organs. *Gene*, 2014, 552(1):140-5.
46. Wei W, Jiao Y, Ma Y, Stuart JM, Li X, Zhao F, Wang L, **Sun D***, Gu W*. Effect of fluorosis on liver cells of VC deficient and wild type mice. *Scientific World Journal*, 2014, 2014:287464. doi: 10.1155/2014/287464
47. Pei J, Li B, Gao Y, Wei Y, Zhou L, Yao H, Wang J, **Sun D***. Fluoride decreased osteoclastic bone resorption through the inhibition of NFATc1 gene expression. *Environ Toxicol*, 2014, 29(5): 588-595.
48. Zhang W, Feng H, Gao Y, Sun L, Wang J, Li Y, Wang C, Zhao L, Hu X, Sun H, Wei Y, **Sun D***. Role of Pigment Epithelium-Derived Factor (PEDF) in Arsenic-Induced Cell Apoptosis of Liver and Brain in a Rat Model. *Biol Trace Elem Res*, 2013, 151(2):269–276.
49. Yu J, Gao Y, **Sun D***. Effect of Fluoride and Low versus High Levels of Dietary Calcium on mRNA Expression of Osteoprotegerin and Osteoprotegerin Ligand in the Bone of Rats. *Biol Trace Elem Res*, 2013, 152(3):387-395.
50. Feng H, Gao Y, Zhao L, Wei Y, Li Y, Wei W, Wu Y, **Sun D***. Biomarkers of renal

toxicity caused by exposure to arsenic in drinking water. *Environ Toxicol Pharmacol*, 2013, 35(3):495–501.

51. Liu X, Gao Y, Yao H, Zhou L, **Sun D***, Wang J*. Neuroglobin Involvement in the Course of Arsenic Toxicity in Rat Cerebellar Granule Neurons. *Biol Trace Elem Res*, 2013, 155(3): 439-446.
52. Sun L, Gao Y, Liu H, Zhang W, Ding Y, Li B, Li M, **Sun D***. An assessment of the relationship between excess fluoride intake from drinking water and essential hypertension in adults residing in fluoride endemic areas. *Sci Total Environ*, 2013 Jan 15;443:864-9.
53. Wei W, Gao Y, Wang C, Zhao L, **Sun D***. Excessive fluoride induces endoplasmic reticulum stress and interferes enamel proteinases secretion. *Environ Toxicol*, 2013, 28(6): 332-341.
54. Wang J, Zhang W, **Sun D***, Song L, Li Y, Xu C. Analysis of neuroglobin mRNA expression in rat brain due to arsenite-induced oxidative stress. *Environ Toxicol*, 2012, 27(9): 503-509.
55. Wang C, Gao Y, Wang W, Zhao L, Zhang W, Han H, Shi Y, Yu G, **Sun D***. A national cross-sectional study on effects of fluoride-safe water supply on the prevalence of fluorosis in China. *BMJ Open*, 2012 Sep 25;2(5). pii: e001564.
56. Pei J; Gao Y; Li B; Zhou L; Zhang Z; **Sun D***. Effect of fluoride on osteoclast formation at various levels of receptor activator of nuclear factor kappa-b ligand (rankl). *Fluoride*, 2012, 45(2):86–93.
57. Li Y, Gao Y, Zhao L, Wei Y, Feng H, Wang C, Wei W, Ding Y, **Sun D***. Changes in serum thioredoxin among individuals chronically exposed to arsenic in drinking water. *Toxicol Appl Pharmacol*, 2012, 259:124-132.
58. Li M, Sun H, Liu S, Yu J, Li Q, Liu P, Shen H, **Sun D***. CD40 CT-1 polymorphism plays different roles in Graves disease and Hashimoto s thyroiditis a meta-analysis.

Endocr J, 2012, 59(12):1041-1050.

59. Gao L, Gao Y, Li X, Howell P, Kumar R, Su X, Vlassov AV, Piazza GA, Riker AI, **Sun D***, Xi Y*. Aquaporins mediate the chemoresistance of human melanoma cells to arsenite. *Mol Oncol*, 2012, 6(1): 81-87.
60. Ding Y, Gao Y, Sun H, Han H, Wang W, Ji X, Liu X, **Sun D***. The relationships between low levels of urine fluoride on children's intelligence, dental fluorosis in endemic fluorosis areas in Hulunbuir, Inner Mongolia, China. *J Hazard Mater*, 2011, 186(2-3):1942-6.
61. Zhao L, Gao Y, Yang Y, Wei Y, Li Y, Feng H, Wei W, Ding Y, **Sun D***. Serum proteomic profiling analysis of chronic arsenic exposure by using SELDI-TOF-MS technology. *Toxicol Lett*, 2010, 195(2-3):155-160.
62. Xue D, Zhang W, Liang T, Zhao S, Sun B, **Sun D***. Effects of arsenic trioxide on the cerulein-induced AR42J cells and its gene regulation. *Pancreas*, 2009, 38(7): e183-e189.
63. Fu S, Wu J, Chen F, **Sun D***, Fu S*. Polymorphisms of Glutathione S-transferases Omega-1 among ethnic populations in China. *BMC genetics*, 2008, 9(1): 29.
64. Yu G, **Sun D***, Zheng Y. Health effects of exposure to natural arsenic in groundwater and coal in china an overview of occurrence. *Environ Health Perspect*, 2007, 115(4):642-646.

REPRESENTATIVE JOURNAL ARTICLES IN CHINESE

1. Articles related to strategies on prevention and control of endemic diseases

1. **Sun Dianjun***, Gao Yanhui, Liu Hui. Achievements and prospects of endemic disease prevention and control in China in past 70 years. *Chinese Journal of Public Health*,

2019,35(7):793-796.

2. **Sun Dianjun***, Gao Yanhui, Liu Hui. Effective control and even elimination of endemic diseases in China benefits from the superior socialist system. *Chinese Journal of Disease Control and Prevention*, 2019,23(7): 745-753.
3. **Sun Dianjun***, Shen Hongmei, Gao Yanhui, Zhao Qiaoshi, Yan Jun. Review of the "12th Five-Year Plan" and prospect of the "13th Five-Year Plan" on prevention and control of endemic diseases in China. *Chinese Journal of Endemiology*, 2017, 36(1):4-6.
4. **Sun Dianjun***, Gao Yanhui, Liu Hui, Zhao Lijun, Pei Junrui, Zhang Wei. Work hard on elimination of endemic diseases to assist in achieving the goal of all people out of poverty in China. *Chinese Journal of Endemiology*, 2017, 36(3):157-161.
5. **Sun Dianjun***, Shen Hongmei, Gao Yanhui, Zhao Qiaoshi, Yan Jun, Lei Zhenglong. Review of the "12th Five-Year Plan" and prospect of the "13th Five-Year Plan" on prevention and control of endemic diseases in China. *Chinese Journal of Endemiology*, 2017, 36(1): 4-6.
6. **Sun Dianjun***. Guided by "the Five Development Concepts" to fully realize the goal of eliminating the harmful effects of key endemic diseases in China. *Chinese journal of endemiology*, 2016, 35(6): 391-394.
7. Lei Zhenglong, Yan Jun, Zhang Shushan, Shen Hongmei, Gao Yanhui, **Sun Dianjun***. National situation and the main tasks of endemic diseases. *Chinese Journal of Endemiology*, 2014, 33(5):475-478.
8. **Sun Dianjun***. Recognition and advice on hot issues in prevention and control of iodine deficiency disorders in China. *Chinese Journal of Endemiology*, 2011, 30(2):119-122.
9. **Sun Dianjun***, Shen Hongmei, Wei Honglian. The history, experience and future idea on the endemic disease surveillance in China. *Chinese Journal of Endemiology*, 2009,

28(2):123-125.

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