

郑玉新简历

郑玉新，1961年11月出生，辽宁省丹东人。医学博士，博士研究生导师。中国疾病预防控制中心职业卫生与中毒控制所研究员，副所长、WHO职业卫生合作中心（北京）主任，国家杰出青年基金获得者。



1985年毕业于中国医科大学卫生系，获医学学士学位；1992年毕业于华北煤炭医学院，获流行病学硕士学位；1996年毕业于上海医科大学，获劳动卫生专业博士学位。1996-1998于中国预防医学科学院劳卫所博士后研究工作。1998年芬兰国立职业卫生研究所访问学者；2000-2001年美国德克萨斯大学MD Anderson癌症中心高级访问学者。

主要社会兼职有中国毒理学会副理事长，中国毒理学会工业毒理专业委员会主任委员；中华预防医学会卫生毒理学专业委员会主任委员，IPCS/WHO危险度评价咨询专家，国家卫生标准委员会成员，国家自然科学基金委员会第十届、第十一届生命科学部专家评审组成员。第七届青年科学家奖评审专家。任中华预防医学杂志副主编、任 Toxicology and Applied Pharmacology、卫生研究、中国职业医学、职业与环境医学、中华劳动卫生与职业病、杂志和中国职业医学杂志编委，担任12个英文专业杂志审稿人。

主要研究方向为毒理学和分子流行病学。致力于职业暴露水平、早期生物效应和遗传易感性标志物的探索性工作。将毒理学和生物标志物研究结合，开展化学致癌、神经毒理学和免疫毒理学的研究工作。承担国家杰出青年基金、十一·五国家科技支撑计划课题和国家自然科学基金课题、卫生行业重点项目和973项目分课题研究。获中华预防医学二等奖、科技兴检奖、上海市科技进步2等奖和预防医学科学院科技人员鼓励奖和卢超预防医学奖等奖项、辽宁省科技奖。在国内外学术期刊上发表论文150多篇，其中SCI论文30多篇。主编和参编专著3部，参编本专业著名英文教科书《Occupational & Environmental Medicine》生物监测章节的编写。已经培养硕士研究生7名、博士研究生9名，目前在读博士研究生4名。

近年发表科研论文目录:

- Sobus JR, Waidyanatha S, McClean MD, Herrick RF, Smith TJ, Garshick E, Laden F, Hart JE, Zheng Y, Rappaport SM. Urinary naphthalene and phenanthrene as biomarkers of occupational exposure to polycyclic aromatic hydrocarbons. *Occup Environ Med* 2009, 66(2):99-104.
- Duan H, Leng S, Pan Z, Dai Y, Niu Y, Huang C, Bin P, Wang Y, Liu Q, Chen W and Zheng Y. Biomarkers Measured by Cytokinesis-block Micronucleus Cytome Assay for Evaluating Genetic Damages Induced by Polycyclic Aromatic Hydrocarbons. *Mutation Research*, 2009, 677: 93 - 99
- Cheng J, Leng S, Li H, Huang C, Niu Y, Zhang L, Liang X, Lin H, Zheng Y. Suboptimal DNA repair capacity predisposes coke-oven workers to accumulate more chromosome damages in peripheral lymphocytes. *Cancer Epidemiol Biomarkers Prev* 2009, 18(3):987-993.
- Wang Y, Duan H, Dai Y, Bin P, Cheng J, Pan Z, Huang C, Leng S, Zheng Y. Uridine diphosphoglucuronosyltransferase 1A7 gene polymorphism and susceptibility to chromosomal damage among polycyclic aromatic hydrocarbons exposed workers. *Occup Environ Med* 2009 (51) .
- Wang Y, Duan H, Dai Y, Bin P, Cheng J, Pan Z, Huang C, Leng S, Zheng Y. Antaxia-telangiectasia mutated gene polymorphisms and susceptibility to chromosomal damage among polycyclic aromatic hydrocarbons exposed workers. *Science of the Total Environment* 2009, 407(8):2615-2620.
- Wang Y, Yang H, Li H, Li L, Wang H, Liu C, Zheng Y. Association between X-ray repair cross complementing group 1 codon399 and 194 polymorphisms and lung cancer risk: A meta-analysis. *Cancer Letters* doi:10.1016/j.canlet.2009.05.005
- Jiang S, Yu L, Cheng J, Leng S, Dai Y, Zhang Y, Niu Y, Yan H, Qu W, Zhang C, Zhang K, Yang R, Zhou L, Zheng Y. Genomic damages in peripheral blood lymphocytes and association with polymorphisms of three glutathione S-transferases in workers exposed to formaldehyde. *Mutation Research*. doi:10.1016/j.mrgentox.2009.09.011
- Bin P, Leng S, Cheng J, Dai Y, Huang C, Pan Z, Niu Y, Li H, Duan H, Liu Q, Chen W, Zheng Y. Association of aryl hydrocarbon receptor gene polymorphisms and urinary 1-hydroxypyrene in polycyclic aromatic hydrocarbon-exposed workers. *Cancer Epidemiol Biomarkers Prev*. 2008, 17(7):1702-8.
- Qu W, Zheng Y. The Developments and Challenges of Toxicology Education, Research, and Funding in China. *Chem. Res. Toxicol.*, 2008, 21(9):1643-1646.
- Pang Y, Li W, Ma R, Ji W, Wang Q, Li D, Xiao Y, Wei Q, Lai Y, Yang P, Chen L, Tang S, Lin Y, Zhuang Z, Zheng Y, Chen W. Development of human cell models for assessing the carcinogenic potential of chemicals. *Toxicol Appl Pharmacol*. 2008, 232(3):478-486.
- Cheng J, Leng S, Dai Y, Huang C, Pan Z, Niu Y, Li B, Zheng Y. Association between nucleotide excision repair gene polymorphisms and chromosomal damage in coke—oven workers. *Biomarkers*. 2007, 12(1):76-86.
- Qiu L, Leng S, Wang Z, Dai Y, Zheng Y, Wang Z. Path analysis of biomarkers of exposure and early biological effects among coke—oven workers exposed to polycyclic aromatic hydrocarbons. *Cancer Epidemiology, Biomarkers & Prevention*. 2007; 16(6):1193-9.
- Li H, Dai Y, Huang H, Li L, Leng S, Cheng J, Niu Y, Duan H, Liu Q, Zhang X, Huang X, Xie J, Feng Z, Wang J, He J, Zheng Y. HLA-B*1301 as a Biomarker for Genetic Susceptibility to

- Hypersensitive Dermatitis Induced by Trichloroethylene among Workers in China. *Environmental Health Perspectives*. 2007; 115(11):1553-6.
- Zheng Y, Fengsheng He, MD, occupational neurologist. *Neurotoxicology*. 2007; 28(2):217-218.
- Sabbioni G, Sepai O, Norppa H, Yan H, Hirvonen A, Zheng Y, Järventaus H, Bäck B, Brooks LR, Warren SH, Demarini DM, Liu YY. Comparison of biomarkers in workers exposed to 2, 4, 6-trinitrotoluene. *Biomarkers*. 2007, 12(1):21-37.
- Zhang Y, Liu Q, Liu Q, Li H, Duan H, Cheng J, Jiang S, Huang X, Leng S, He F, Zheng Y. Association between metabolic gene polymorphisms and susceptibility to peripheral nerve damage in workers exposed to n-hexane: A preliminary study. *Biomarkers*. 2006, 11(1):61-69
- Zheng Y, Leng S, Dai Y, Cheng J. Effects of polymorphisms of metabolic enzymes and DNA repair genes on genotoxic effects of PAHs exposure in coke-oven workers. *Drug Metabolism Reviews*. 2006, 38 Suppl3: 3-4
- David G. Kornguth, Adam S. Garden, Zheng Y, Kristina R. Dahlstrom, Wei Q, Erich M. Sturgis Gastrostomy in oropharyngeal cancer patients with ERCC4 (XPF) germline variants. *International Journal of Radiation Oncology, Biology, Physics*, 2005, 62(3): 665-671
- Derek R. Smith, Zhang X, Zheng Y, Wang R. Tobacco use among public health professionals in Beijing: the relationship between smoking and education level. *Australian and New Zealand Journal of Public Health*. 2005, 29(5): 488-489
- Leng S, Cheng J, Zheng Y et al. the association of XRCC1 haplotypes and chromosomal damage levels in peripheral blood lymphocyte among coke-oven workers. *Cancer Epidemiology, Biomarkers & Prevention*, 2005, 14(5): 1295-1301
- Dai Y, Leng S, Zheng Y. Genetic polymorphism of cytokine genes and risk for trichloroethylene-induced severe generalized dermatitis: A case-control study. *Biomarkers*. 2004, 9: 470-478
- Leng S, Dai Y, Niu Y, Pan Z, Li X, Cheng J, He F, Zheng Y. Effects of genetic polymorphisms of metabolic enzymes on cytokinesis-block micronucleus in peripheral blood lymphocyte among coke-oven workers. *Cancer Epidemiology, Biomarkers & Prevention*, 2004, 13: 1631–1639.