

导师信息表

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<p>个人简介（限 300 字）：</p> <p>裴得胜，男，研究员、博导，重庆市科技创新领军人才(重庆市高层次人才特支计划)，中国科学院重庆院环境与健康研究中心主任、中国科学院水库水环境重点实验室副主任。2006 年 6 月于中国科学院水生生物研究所获得遗传学理学博士学位。2009 年 2 月至 2013 年 2 月分别在美国 Northeastern University、Harvard University 从事 DNA 损伤修复和神经母细胞瘤的癌症机理研究。2012 年 8 月任中国科学院重庆绿色智能技术研究院研究员。其在 Cancer Cell、Plos Genetics、Nucleic Acids Research、Biomaterials、Environmental Pollution 等期刊上共发表科研论文 80 余篇，申请专利 12 项。目前主要从事环境污染物监测、环境污染物毒理学研究和环境污染物的致癌机理研究。</p>					
<p>教育经历：</p> <p>09/2003-6/2006：中国科学院水生生物研究所，遗传学理学博士 09/2000-06/2003：西南大学，细胞生物学理学硕士</p>					
<p>主要研究方向：</p> <p>主要从事环境污染物监测、环境污染物毒理学研究和环境污染物的致癌机理研究</p>					
<p>招生专业：</p> <p>环境科学与工程、生态学、生态毒理学、遗传学、水生生物学</p>					
<p>科研成果（含文章、专利、科研项目等）：</p> <p>①一种获得全肾表达绿色荧光蛋白斑马鱼的方法，发明，2016，第 1 作者，专利号：ZL2013104814875（已授权） ②一种生态安全型转基因荧光观赏鱼的研制方法，发明，2015，第 1 作者，专利号：ZL201510464544（已授权） ③一种改进单细胞凝胶电泳检测细胞 DNA 损伤的试剂盒及方法，发明，2016，第 1 作者，专利号：ZL201610531656（已授权）</p> <p>67. Niu AP, Song LY, Xiong YH, Lu CJ, Junaid M, Pei DS*. Impact of water quality on the microbial diversity in the surface water along the Three Gorge Reservoir (TGR), China. <i>Ecotoxicology and Environmental Safety</i>. 2019, 181:412-418 (中科院 SCI 2 区, IF=4.527)</p> <p>66. Jia PP, Sun T, Junaid M, Xiong YH, Wang YQ, Liu L, Pu SY, Pei DS*. Chronic exposure to graphene oxide (GO) induced inflammation and differentially disturbed intestinal microbiota in zebrafish. <i>Environmental Science-Nano</i>. 2019, 6:2452-2469. (中科院 SCI 1 区, IF= 7.704)</p> <p>65. Junaid M, Wang Y, Hamid N, Deng S, Li WG, Pei DS*. Prioritizing selected ppcps on the basis of environmental and toxi nnnnnnnnnnnnnnnnnnn</p> <p>64. Gu QL, Yang XJ, Li Q, Long Y, Song GL, Pei DS*, Hackett B.P, Chen J, Peng JR, Cui ZB. Asymmetrical cleavages of Sleeping Beauty transposons generate multiple excised transposon fragments during transposition. <i>BioRxiv</i>. 2019, DOI:10.1101/659086</p>					

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62. Bian WP#, Chen YL#, Luo JJ, Wang C, Xie S, Pei DS*. A knock-in strategy for editing human and zebrafish mitochondrial DNA using mito-CRISPR/Cas9 system. *ACS Synthetic Biology*. 2019,621-632. (中科院 SCI 2 区, IF= 5.571)
61. Deng S#, Fu A#, Junaid M, Wang Y, Yin Q, Fu C, Liu L, Su DS, Bian WP, Pei DS*. Nitrogen-doped graphene quantum dots (N-GQDs) perturb redox-sensitive system *via* the selective inhibition of antioxidant enzyme activities in zebrafish. *Biomaterials*. 2019, 206:61-72 (中科院 SCI 1 区, IF= 10.273)
60. Hamid N, Junaid M, Ali MS, Zahid M, Pei DS*. Status of air quality with potential linkage to the metrological conditions in three major cities of Pakistan. *American Journal of Environmental Sciences*, 2019, 15(2): 42-54.
59. Dong WJ, Wang F, Fang ML, Wu J, Wang SY, Li M, Yang JF, Chernick M, Hinton D, Pei DS, Chen HX, Zheng N, Mu JL, Xie LT, Dong W. Use of biological detection methods to assess dioxin-like compounds in sediments of Bohai Bay, China. *Ecotoxicology and Environmental Safety*. 2019, 173:339-346 (中科院 SCI 2 区, IF= 4.527)
58. Huo F, Liang WF, Tang YR, Zhang W, Liu XH, Pei DS, Wang HB, Jia WJ, Jia PP, Yang F. Full-color carbon dots with multiple red-emission tuning: on/off sensors, in vitro and in vivo multicolor bioimaging. *Journal of Materials Science*. 2019, DOI: 10.1007/s10853-019-03370-6 (中科院 SCI 3 区, IF= 3.442)
57. Jia PP, Sun T, Junaid M, Yang L, Ma YB, Cui ZS, Wei DP, Shi HF, Pei DS*. Nanotoxicity of different sizes of graphene (G) and graphene oxide (GO) in vitro and in vivo. *Environmental Pollution*. 2019, 247: 595-606. (中科院 SCI 2 区, IF= 5.714)
56. Liu Y, Junaid M, Hamid N, Chen CD, Pei DS*. Environmental Concerns and Toxicogenetic Endpoints of Priority Substances (PSs) and Contaminants of Emerging Concerns (CECs): A Comprehensive Review. *American Journal of Environmental Sciences*, 2018, 14(3): 129-155.
55. Junaid M, Jia PP, Tang YM, Xiong WX, Huang H, Strauss PR, Li WG, Pei DS*. Mechanistic toxicity of DEHP at environmentally relevant concentrations (ERCs) and ecological risk assessment in the Three Gorges Reservoir Area, China. *Environmental Pollution*. 2018, 242: 1939-1949. (中科院 SCI 2 区, IF= 5.714)
54. Jiang XF, Lu CJ, Tang MJ, Yang ZB, Jia WJ, Ma YB, Jia PP, Pei DS*, Wang HB*. Nanotoxicity of Silver Nanoparticles on HEK293T Cells: A Combined Study Using Biomechanical and Biological Techniques. *ACS Omega*, 2018, 3 (6):6770–6778. (中科院 SCI 4 区, IF= 2.584)
53. Liu Y, Junaid M, Wang Y, Tang YM, Bian WP, Xiong WX, Huang HY, Chen CD, Pei DS*. New toxicogenetic insights and ranking of the selected pharmaceuticals belong to the three different classes: a toxicity estimation to confirmation approach. *Aquatic Toxicology*. 2018, 201:151-161. (中科院 SCI 1 区, IF= 3.794)
52. Deng S, Jia PP, Zhang JH, Junaid M, Niu A, Ma YB, Fu A*, Pei DS*. Transcriptomic response and perturbation of toxicity pathways in zebrafish larvae after exposure to graphene quantum dots (GQDs). *Journal of Hazardous Materials*. 2018, 357: 146-158. (中科院 SCI 1 区, IF= 7.650).

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50. Luo JJ, Bian WP, Liu Y, Huang HY, Yin Q, Yang XJ*, **Pei DS***. CRISPR/Cas9 based genome engineering of zebrafish using a seamless integration strategy. *The FASEB Journal*. 2018, 32(9):5132-5142 (中科院 SCI 2 区, IF= 5.391, 入选封面文章)
49. Ma YB, Song LY*, Lei Y, Jia PP, Lu CJ, Wu JF, Xi CW, Strauss P, **Pei DS***. Sex dependent effects of silver nanoparticles on the zebrafish gut microbiota. *Environmental Science-Nano*. 2018,5: 740-751, DOI: 10.1039/C7EN00740J. (中科院 SCI 1 区, IF= 7.704)
48. Zhao YT, Wang X, Ren YW*, **Pei DS***. Mesh-embedded polysulfone (PSU)/sulfonated polysulfone (sPSU) supported thin film composite membranes for forward osmosis. *ACS Applied Materials & Interfaces*. 2018, 10 (3):2918–2928. (中科院 SCI 1 区, IF= 8.456)
47. Luo JJ, Su DS, Xie SL, Liu Y, Liu P, Yang XJ*, **Pei DS***. Hypersensitive assessment of aryl hydrocarbon receptor transcriptional activity using a novel truncated cyp1a promoter in zebrafish. *The FASEB Journal*. 2018, 32(5):2814-2826. (中科院 SCI 2 区, IF= 5.391)
46. Wang C, Chen YL, Bian WP, Qi GL, Xie SL, Zou JX*, **Pei DS***. Deletion of mstna and mstnb impairs immune system and affects growth performance in zebrafish. *Fish & Shellfish Immunology*. 2018, 72: 572-580. (中科院 SCI 1 区, IF= 3.298)
45. Ma YB, Jia PP, Junaid M, Yang L, Lu CJ, **Pei DS***. Reproductive effects linked to DNA methylation in male zebrafish chronically exposure to environmentally relevant concentrations of di-(2-ethylhexyl) phthalate. *Environmental Pollution*. 2018, 237:1050-1061. (中科院 SCI 2 区, IF= 5.714)
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35. Li J, Niu A, Lu CJ, Zhang JH, Junaid M, Strauss PR, Xiao P, Wang X, Ren YW*, **Pei DS***. A novel forward osmosis system in landfill leachate treatment for removing polycyclic aromatic hydrocarbons and for direct fertigation. *Chemosphere*. 2017, 168:112-121. (中科院 SCI 2 区, IF= 5.108)
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 9. Liu J, Sun YH, Wang YW, Wang N, **Pei DS**, Wang YP, Hu W, Zhu ZY*. Identification of differential transcript profiles between mutual crossbred embryos of zebrafish (*Danio rerio*) and Chinese rare minnow (*Gobiocypris rarus*) by cDNA-AFLP. *Theriogenology*. 70(9): 1525-1535, 2008. (中科院 SCI 2 区, IF= 2.299)
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 4. **Pei DS**, Cai PZ*, Li MY, Xiang YW, Yan WZ, Zhang ZX, Hou L, Zhang ZY, Pei Y. Screening of RAPD Markers for Sterility Gene of Nucleo2cytoplasmic Interaction in Mitochondrial DNA of Rice. *Acta Agronomica Sinica*, 29 (6): 899-902, 2003.
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所获荣誉：

- (1) 2018 重庆产学研合作创新成果奖, 一等奖, 省级, 2018
- (2) 重庆市科技创新领军人才, 省级, 2017

个人承诺：本人承诺以上信息真实。如有不实之处，愿承担相应后果。

承诺人签名：