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师资队伍 TEACHING STAFF

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教职员工



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学习工作经历:

- 1985.09-1989.07 重庆师范大学生物系 大学学习, 获学士学位
1989.07-1992.09 渠县琅琊中学, 教师
1992.10-2002.08 攀钢(集团)公司教育处, 教师
2002.09-2005.07 西南大学生命科学学院 硕士研究生学习, 获硕士学位
2005.09-2008.06 四川大学生命科学院 博士研究生学习, 获博士学位
2008年07-至今 四川大学生命科学院从事教学科研工作

主讲课程:

- 进化生物学 (Evolutionary Biology)
动物学 (Zoology)
动物生物学大实验 (Zoology Experiment)
保护生物学 (Conservation Biology)

主要研究领域:

动物资源保护与利用、保护遗传学、保护基因组学

主要科研项目:

- 大熊猫响应犬瘟热疫苗免疫相关通路表观遗传调控研究(国家自然科学基金, 32070529), 主持
大熊猫食物消化与代谢相关通路甲基化修饰研究(国家自然科学基金, 31770574), 主持;
基于血液转录组的大熊猫免疫相关基因表达谱研究(国家自然科学基金, 31570534), 主持;
大熊猫消化代谢相关基因对特殊性营养利用的适应性表达及其调控研究(四川省自然科学基金项目, 2022NSFC01211), 主持
动物药大品种康复新液关键质量属性制剂传递规律及动态质控模式研究(国家自然科学基金区域创新发展联合基金重点项目, U21A20409), 参加, 校内主持
野生动物疫病监测和预警系统维护(国家林业局项目, 2130211), 主持
大熊猫、林麝主要疾病检测、行为发育及干细胞资源库的建立(973项目子课题, 2012CB722207), 参加, 校内主持;
大熊猫血液转录组学研究(成都大熊猫繁育研究基金, 12H0883), 主持
基于血液转录组的近亲繁殖小熊猫免疫相关基因表达谱研究(成都大熊猫繁育研究基金, CPF2017-22), 主持;
中药大产品康复新液系列衍生品综合开发研究(四川省科技厅2017KJTT00068-2017S), 参加校内主持;
麝香挥发物分子标记的分离及其在圈养种群遗传管理中的应用(成都大熊猫繁育研究基金), 主持;
保护区重点物种遗传样品采集与鉴定(彭州市规划和自然资源局项目), 主持;
美洲大蠊种源遗传质最检测(四川好医生攀西药业有限责任公司项目), 主持;
硬骨鱼类性别决定和分化的分子机制研究(重庆市重点实验室专项经费开放课题), 主持

主要研究论文

Shen HB, Li CW, He M, Huang Y, Wang J, Luo J, Wang ML, Yue BS, Zhang XY*, 2022. Whole blood transcriptome profiling identifies candidate genes associated with alopecia in male giant pandas (Ailuropoda melanoleuca). BMC Genomics, 23: 297.
Yuan Y, Yang XT, Zeng QL, Li HY, Fu RY, Du LM, Liu W, Zhang YM, Chu YW, Zhang XY*, Zhao KL*, 2022. Dimetridazole and Ribavirin to disarm Pseudomonas aeruginosa virulence by targeting the quorum sensing system. Frontiers in Microbiology, 13: 978502.
Yan L, Hou ZZ, Ma JN, Wang HM, Gao J, Zeng CJ, Chen Q, Yue BS, Zhang XY*, 2022. Complete mitochondrial genome of Episomopla splendens (Blattodea: Ectobiidae): A large intergenic spacer and lacking of two tRNA genes. PLOS ONE, 17(6): e0268064.
Luo J, Zhang L, Shen FJ, Luo L, Chen L, Fan ZX, Hou R, Yue BS, Zhang XY*, 2022. Blood transcriptome analysis revealing aging gene expression profiles in red Panda. PeerJ, 10: e13743.
Yang M, Huang Y, Wu HL, Li CW, Ling SS, Sun J, Shen HB, Yue BS, Zhang XY*, 2022. Blood transcriptome analysis revealed the immune changes and immunological adaptation of wildness training giant pandas. Molecular Genetics and Genomics, 297(1): 227-239.
Jie XD, Wu HL, Yang M, He M, Zhao GQ, Ling SS, Huang Y, Yue BS, Yang N* and Zhang XY*. 2022. Whole genome bisulfite sequencing reveals DNA methylation roles in the adaptive response of wildness training giant pandas to wild environment. Frontiers in Genetics, 13: 995700.
Ma JN, Zhang L, Huang Y, Shen FJ, Wu HL, Yang ZY, Hou R, Song ZB, Yue BS, Zhang XY*, 2022. Epigenomic profiling indicates a role for DNA methylation in the postnatal liver and pancreas development of giant pandas. Genomics, 114: 110342.
Li L, Shen, FJ Jie XD, Zhang L, Yan GQ, Wu HL, Huang Y, Hou R, Yue BS, Zhang XY*, 2022. Comparative Transcriptomics and Methyloicms Reveal Adaptive Responses of Digestive and Metabolic Genes to Dietary Shift in Giant and Red Pandas. Genes, 13: 1446.
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Cheng ML, Xie DX, Price M, Zhou C, Zhang XY*, 2022. Comparative analysis of microsatellites in coding regions provides insights into the adaptability of the giant panda, polar bear and brown bear. Genetica, 150(6): 355-366.
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Shen HB, Li CW, He M, Huang Y, Wang J, Wang ML, Yue BS, Zhang XY*, 2021. Immune profiles of male giant panda (Ailuropoda melanoleuca) during the breeding season. BMC Genomics, 22: 143.
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Wu W, Wu HL, He M, Zhang L, Huang Y, Geng Y, Liu JH, Wang Q, Fan ZX, Hou R, Yue BS, Zhang XY*, 2020. Transcriptome analyses provide insights into maternal immune changes at several critical phases of giant panda reproduction. Developmental and Comparative Immunology, 110: 103699.
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Ma JN, Liu JH, Shen YM, Fan ZX, Yue BS, Zhang XY*, 2019. Population genetic structure and intraspecific genetic distance of Periplaneta americana (Blattodea: Blattellidae) based on mitochondrial and nuclear DNA markers. Ecology and Evolution, 1-12.
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