招生导师简介



1. 个人简介

石琦，博士，研究员，博士生导师，中国疾病预防控制中心病毒病所朊病毒病室副主任，传染病预防控制国家重点实验室PI。任中国微生物学会病毒学专业委员会青年委员会委员、中国微生物学会微生物生物安全专业委员会常务委员、中国医疗保健国际交流促进会-分子诊断学会委员、亚太地区朊病毒研究协会理事，同时任《疾病监测》杂志通讯编委、《中国病毒病杂志》青年编委及《Neurodegeneration》等杂志编辑委员会委员。先后在美国国家克-雅病监测中心、英国国家克-雅氏病监测中心以及美国华盛顿大学进行访问学者的交流。已完成两项国家自然科学基金项目，一项传染病预防控制国家重点实验室“青年创新人才”基金，目前主持两项传染病预防控制国家重点实验室项目，同时参与了多项国家级、省部级和国际合作课题项目的研究。2020年以第二完成人获得《华夏医学技术奖》贰等奖，2009年以第五完成人获得《中华预防医学会科学技术奖》贰等奖，同年以第五完成人获得《中华医学科技奖》叁等奖。目前以第一作者/通讯作者在SCI收录的英文期刊上发表论文57篇，影响因子合计168.3分，发表文章杂志最高影响因子8.32分，单篇文章最高引用次数为40次；以合作作者在SCI收录英文期刊上共发表论文170余篇；以第一作者/通讯作者在中国核心期刊共发表中文文章40余篇。

二、主要研究方向

1、朊病毒病慢性感染及跨种属传播机制的研究；

2、朊病毒病蛋白组学及蛋白修饰组学的研究；

3、朊病毒新型诊断技术的建立和应用研究。

1. 代表性科研项目

1、传染病预防控制国家重点实验室“创新青年人才”基金，主持，在研

2、传染病预防控制国家重点实验室“杰青申报资助”基金，主持，在研

3、“十三五”国家科技重大专项，参与，在研

4、国家自然科学基金面上项目，主持，已结题

5、国家自然科学基金青年项目，主持，已结题

6、传染病预防控制重点实验室面上课题，主持，已结题

7、中国疾病预防控制中心青年科研基金项目，主持，已结题

四、代表性论文、成果

1. Xiao K, **Shi Q**, Yang XH, Zou WQ, Dong XP. Assessment of the sensitivity and specificity of the established RT-QuIC technique in Chinese CJD surveillance. *Biomed Environ Sci,* 2020 Aug 20;33(8):620-622(**Co-Corres**)
2. Yang XH, Wu YZ, Xiao K, Gao LP, Chen DD, Dong XP, **Shi Q**. Preparation of PrP specific polyclonal antibody via immunization of recombinant human PrP protein to a *PRNP* knockout mouse. *Biomed Environ Sci,*2020, 33(7):493-501
3. Gao LP, Wu YZ, Xiao K, Yang XH, Chen DD, **Shi Q**, Dong XP. Generation and characterization of two strains of transgene mice expressing chimeric MiniSOG-MusPrP. *J Neurosci Method,* 2020, 341:108764(**Co-Corres**)
4. Xiao K, **Shi Q**, Zhou W, Dong XP. Different postmortem brain regions from three Chinese FFI patients induce different reactive profiles both in the 1st and 2nd generation RT-QuIC assays. *Prion,* 2020, 14(1):163-169.(**Co-Corres**)
5. Gao LP, Xiao K, Wu YZ, Chen DD, Yang XH, **Shi Q,** Dong XP. Enhanced mitophagy activity in prion infected cultured cells and prion infected experimental mice via Pink1/Parkin dependent mitophagy pathway. *ACS Chemical Neuroscience*, 2020, 11(5):814-829.(**Co-Corres**)
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10. Xiao K, **Shi Q**, Zhou W, Zhang BY, Wang Y, Chen C, Ma Y, Gao C, Dong XP. The Chinese predominant T188K-gCJD shows different reactive pattern in CSF RT-QuIC as D178N-FFI and E200K-gCJD. *Neurosci Bull,* 2019, 35(3):519-521(**Co-Corres**)
11. Gao LP, **Shi Q**, Xiao K, Wang J, Zhou W, Chen C, Dong XP. The genetic Creutzfeldt-Jakob disease with E200K mutation: analysis of clinical, genetic and laboratory features of 30 Chinese patients. *Sci Rep,* 2019, 9:1836. **(Co-first)**
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14. **Shi Q** Chen C, Zhou W, Gao C, Xiao K, Zhang J, Wang J, Zhang BY, Wang Y, Jun J, Dong XP. The characteristics of Chinese prion diseases based on 10 years surveillance data from 2006 to 2015. *Neuropsychiatry (London)*, 2018,8(3),942-953
15. Xiao K, **Shi Q**, Zhou W, Gao C, Chen C, Zhang BY, Wang J, Dong XP. Evaluation of the influences of some main elements on the PrPSc detection of RT-QuIC assay. *Int J Mol Med*, 2018 Sep 7,3231-3237.**(Co-first)**
16. Wang J, Xiao K, Zhou W, Gao C, Chen C, **Shi Q,** Dong XP. A Chinese patient of P102L Gerstmann-Sträussler-Scheinker syndrome contains three other disease-associated mutations in *SYNE1*. *Prion*, 2018,2,1-6(**Co-Corres**)
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**二、中文文章：（**

1. 魏炜，宋韫韬，徐国辉，武月章，高利萍，肖康，**石琦**. 半乳糖凝集素-1 在喉鳞状细胞癌中的表达及其与人乳头瘤病毒表达的关系.中华实验和临床病毒学杂志,2019年12月第33卷第6期,566-569.
2. 高利萍，武月章，杨雪花，陈冬冬，肖康，董小平，**石琦**. MiniSOG蛋白的单克隆抗体制备及初步应用. 病毒学报，2019年第35卷第6期,880-887.
3. 阿达莱提·买买提明，武月章，谢姆斯耶·吾拉音，胡超，陈嘉，周冬花，肖康，董小平，**石琦**.线粒体靶向抗氧化剂Mitoquinone和积雪草酸对朊病毒感染的神经细胞治疗作用研究.病毒学报，2019年第35卷第2期，247-254；
4. 肖康，周伟，王园，王晶，董小平，**石琦.**2016年中国克-雅病监测网络病例特征分析.疾病监测，2019年第34卷第2期
5. [王晶](javascript:void(0);), [周伟](javascript:void(0);), [肖康](javascript:void(0);), [王园](javascript:void(0);), [董小平](javascript:void(0);), [**石琦**](javascript:void(0);).[2017年中国克–雅病监测网络病例特征分析](http://www.jbjc.org/article/doi/10.3784/j.issn.1003-9961.2019.03.010). 疾病监测，2019年第34卷第3期
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