



Treatment of autosomal dominant hearing loss by *in vivo* delivery of genome editing agents



报告人: **Dr. Xue Gao**

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时 间: 2018年12月28日(周五) 下午14: 00

地 点: 医学院综合楼705会议室

Dr. Xue Gao joined Rice University as the Ted N. Law Assistant Professor in the Department of Chemical and Biomolecular Engineering, BioEngineering and BioSciences. She was a postdoctoral associate in the Department of Chemistry and Chemical Biology at Harvard University, working in the laboratory of Professor David R. Liu, where she developed treatment of genetic hearing diseases by *in vivo* delivery of CRISPR/Cas9 genome editing agents. Dr. Gao obtained her doctoral degree in Chemical and Biomolecular Engineering from University of California, Los Angeles, under the supervision of Prof. Yi Tang. Dr. Gao received both of her Bachelor's and Master's degrees in Chemical Engineering at Tianjin University with the guidance of Prof. Yingjin Yuan. Her current research interests include utilizing synthetic biology approaches to identify and engineer powerful biomolecules from microbial sources for therapeutics. During the past year, Dr. Gao has received research supports from the Welch Foundation (2018-2021), the 2018 Hamill Innovation Award and the 2018 InterDisciplinary Excellence Award.

Gao, X., Tao Y., Lamas, V., Chen, Z. Y., Liu, D. R., et al, *Nature*, 2018, 553, 217-221.

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主办:浙江大学医学院感染与免疫中心