

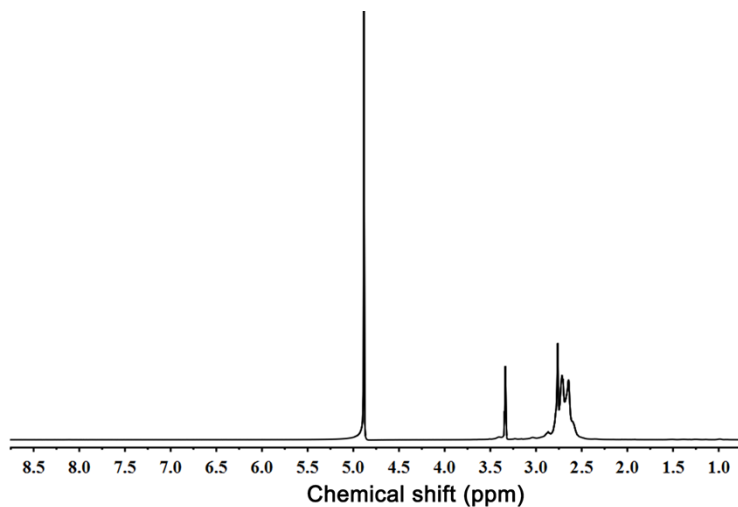
## Supporting Information

# Micelle-like Luminescent Nanoparticles as a Visible Gene Delivery System with Reduced Toxicity

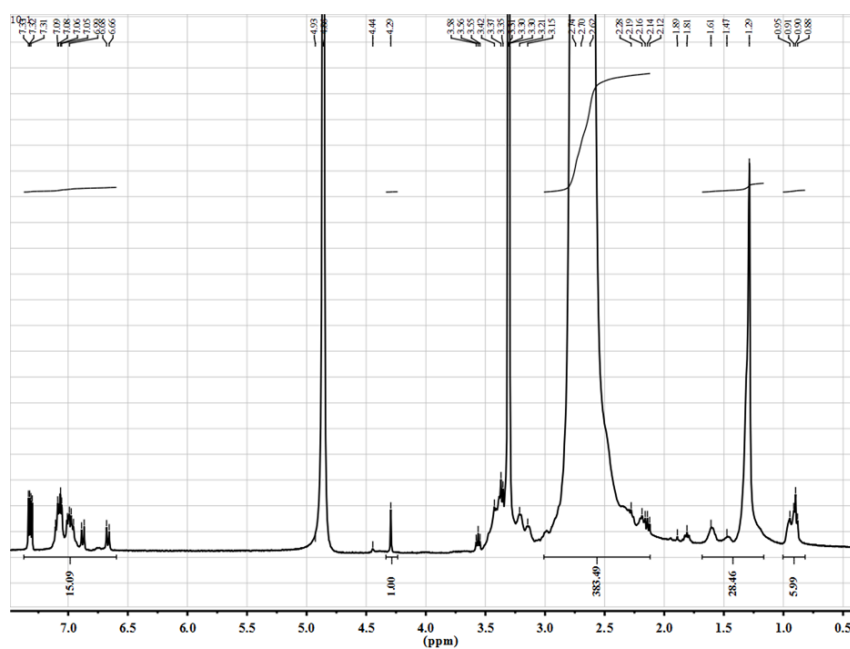
Keni Yang, †<sup>ab</sup> Shengliang Li, †<sup>a</sup> Shubin Jin, <sup>a</sup> Xiangdong Xue, <sup>a</sup> Tingbin Zhang, <sup>a</sup> Chunqiu Zhang, <sup>\*a</sup> Jing Xu <sup>\*a</sup> and Xing-Jie Liang <sup>\*a</sup>

<sup>a</sup> CAS Key Laboratory for Biological Effects of Nanomaterials & Nanosafety, National Center for Nanoscience and Technology, No. 11 Beiyitiao, Zhongguancun, Beijing 100190, China. Fax: +86-010-62656765; Tel: +86-010-82545530; E-mail: zhangcq@nanoctr.cn, xujing@nanoctr.cn and liangxj@nanoctr.cn.

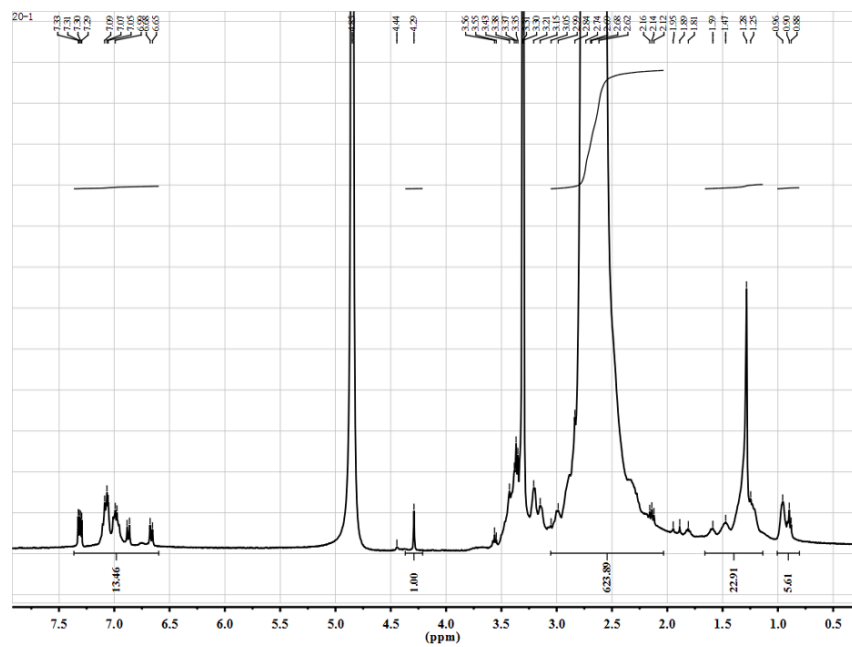
<sup>b</sup> State Key Laboratory of Natural Medicines, Department of Pharmaceutics, China Pharmaceutical University, Nanjing 210009, China



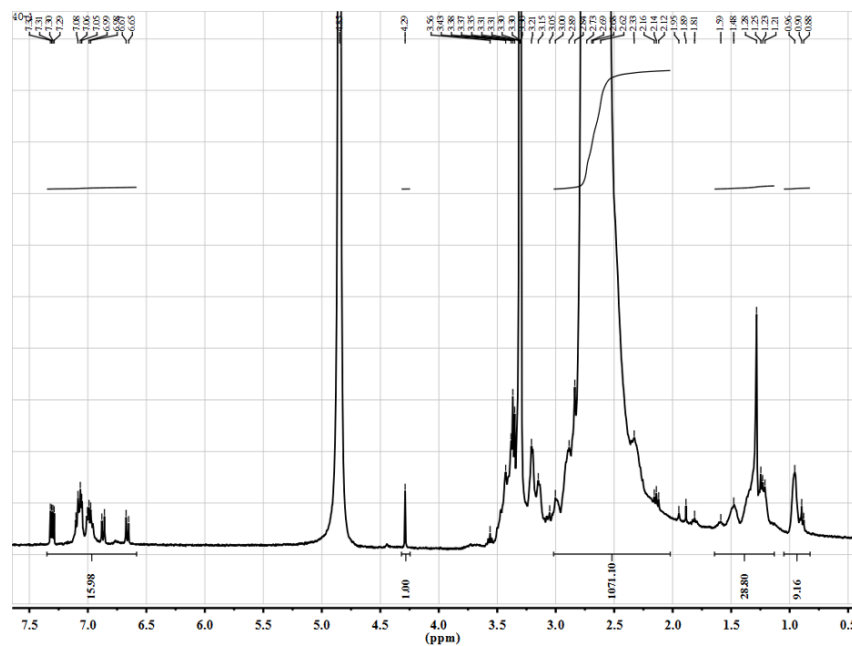
**Figure S1.**  $^1\text{H}$  NMR characterization of 25 kDa branched PEI in methanol- $d_4$ .



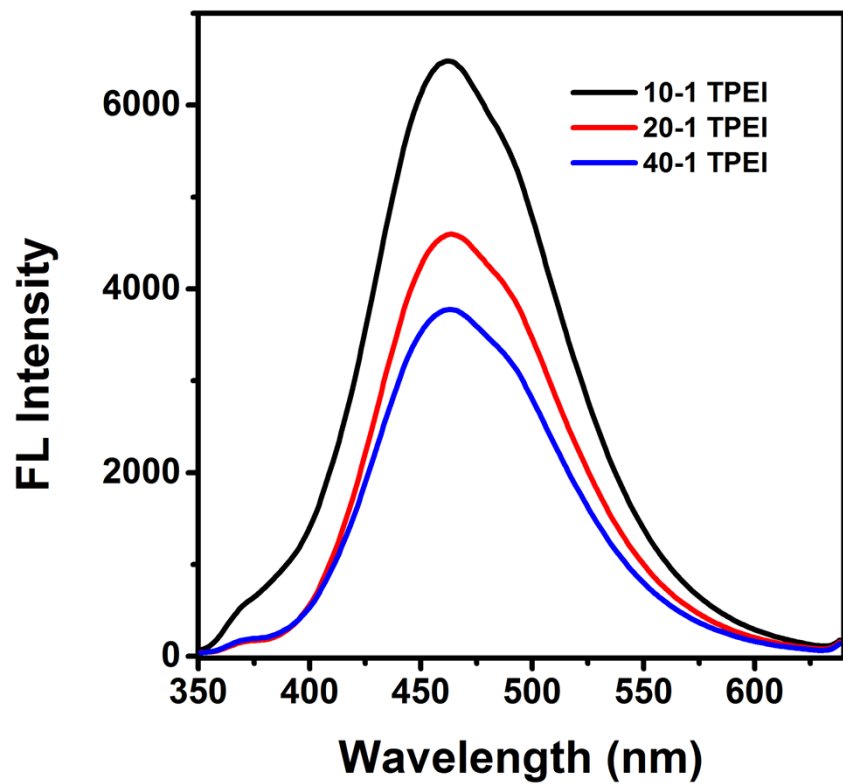
**Figure S2.**  $^1\text{H}$  NMR characterization of 10-1 TPEI in methanol- $d_4$ .



**Figure S3.**  $^1\text{H}$  NMR characterization of 20-1 TPEI in methanol- $d_4$ .



**Figure S4.**  $^1\text{H}$  NMR characterization of 40-1 TPEI in methanol- $d_4$ .



**Figure S5** Fluorescence spectra of TPEI powders (50 mg,  $\lambda_{\text{ex}} = 330$  nm)