Supplementary Information

Graphene oxide complex as pH-Sensitive antitumor drugs

Rumei Cheng,^a Ruitao Zou,^a Shengju Ou,^c Rui Guo^a, Ruiying Yan,^a Haiyan Shi,^a Shanshan Yu,^a Xiaojian Li,^a Yexu Bu,^a Mimi Lin,^a Yong Liu,^{a,*} and Liming Dai^{a,b,*}

^aInstitute of Advanced Materials for Nano-Bio Applications, School of Ophthalmology & Optometry, Wenzhou Medical University, 270 Xueyuan Xi Road, Wenzhou, Zhejiang 325027, China

^bCenter of Advanced Science and Engineering for Carbon (Case4Carbon), Department of Macromolecular Science and Engineering, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, Ohio 44106, United State

^cHangzhou Feipu Technology Co. Ltd., 525 Xixi Road, Hangzhou, Zhejiang 310023, China

*Emails: yongliu1980@hotmail.com, liming.dai@case.edu

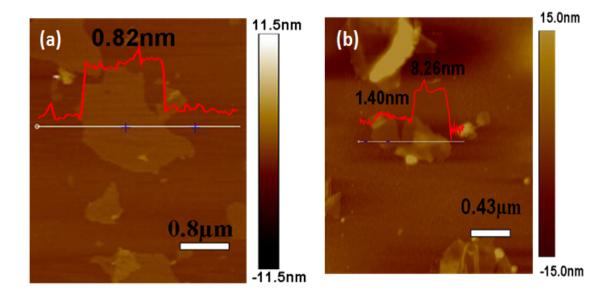


Fig. S1 AFM images of (a) GO (a) and (b) GCS.

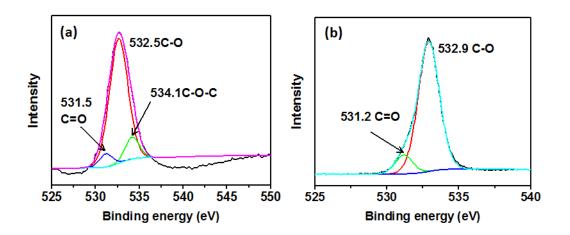


Fig. S2 High resolution XPS O 1s spectra of (a) GO (a) and (b) GCS.

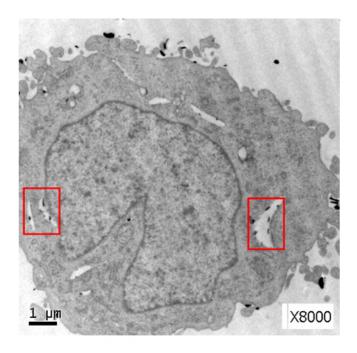


Fig. S3 TEM image of hela cells incubated with 100 μ L of GCS (10 mg/L) for 24 h.