Red Fluorescent Carbon Nanoparticles Derived from *Spinacia oleracea L.*: A Versatile Tool for Bioimaging & Biomedical Applications

Ketki Barve^{1#}, Udisha Singh^{2#}, Pankaj Yadav^{2#}, Krupa Kansara³, Payal Vaswani², Ashutosh Kumar³ and Dhiraj Bhatia^{2*}

¹ Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Dr. D. Y. Patil Vidyapeeth, Pune, Maharashtra, 411018, India

² Biological Engineering Discipline, Indian Institute of Technology Gandhinagar, Palaj, Gujarat 382355, India

³ Department of Biochemistry and Forensic Sciences, Gujarat University, Navrangpura, Ahmedabad 380009, India

*Corresponding Author - dhiraj.bhatia@iitgn.ac.in

Indicates Authors contributed equally



Figure S1: The fluorescence spectra of CNPS upon excitation with 670nm wavelength.



Figure S2: The fluorescence spectra of CNPS upon excitation with 400nm wavelength.



Figure S3: The Photostability of CNPS upon excitation with 400nm wavelength.