CCD-Optimized *Moringa oleifera*-Based Hydrogel for the Targeted and Controlled Release of the Anti-Cancer Drug Raloxifene: Evaluation of Hemocompatible, Cytotoxic and Antioxidant Properties

Priyanka Mankotia¹, Kashma Sharma², Yogendra Kumar Mishra³#, Vishal Sharma¹#, Vijay Kumar⁴#

¹Institute of Forensic Science & Criminology, Panjab University, Chandigarh, India
²Department of Chemistry, DAV College, Sector-10, Chandigarh
³Smart Materials, NanoSYD, Mads Clausen Institute, University of Southern Denmark, Alsion 2, Sønderborg, 6400 Denmark
⁴Department of Physics, National Institute of Technology Srinagar, Jammu and Kashmir – 190006, India

Corresponding author(s): Vishal Sharma (vishalsharma.pu@gmail.com); Yogendra Kumar Mishra (mishra@mci.sdu.dk); Vijay Kumar (vj.physics@gmail.com)

---

**Figure S1:** Complete H1-NMR spectra of (a) MO gum (b) MO-g-poly(AA)