Electronic Supplementary Information

Intracellular delivery of peptide cargos using iron oxide based nanoparticles: studies on antitumor efficacy of BCL-2 converting peptide, NuBCP-9

Manoj Kumar^a, Gurpal Singh^a, Sapna Sharma^a, Dikshi Gupta^a, Vivek Bansal^a, Vikas Arora^b, Madhusudan Bhat^c, Sandeep K. Srivastava^c, Sameer Sapra^b, Surender Kharbanda^d, Amit K. Dinda^c and Harpal Singh^{†a}

^aCenter for Biomedical Engineering, Indian Institute of Technology, Hauz Khas, New Delhi-110016, India;

^bDepartment of Chemistry, Indian Institute of Technology, Hauz Khas, New Delhi-110016, India

^cDepartment of Pathology, All India Institute of Medical Sciences, Ansari Nagar New Delhi-110029, India;

^dDepartment of Medical Oncology, Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA 02115, USA

Results:

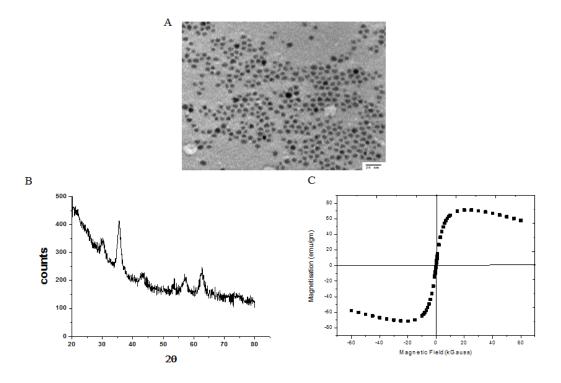


Figure S1: Characterization of hydrophobic SPIONs. (A) TEM (B) XRD (C) SQUID.

Abbreviations: TEM, transmission electron micrograph; XRD, X-ray diffraction; SAED, single area electron diffraction pattern; SQUID, superconducting quantum interference device.