Supplementary materials:

Characterization and Cellular Internalization of Spherical Cellulose Nanocrystals (CNC) into Normal and Cancerous Fibroblasts

Nur Aima Hafiza Shazali ¹, Noorzaileen Eileena Zaidi ², Hidayah Ariffin ^{1,3}, Luqman Chuah Abdullah ⁴, Ferial Ghaemi ¹, Jafri Malin Abdullah ⁵, Ichiro Takashima ⁶ and Nik Mohd Afizan Nik Abd. Rahman ^{1,2,*}

- ¹ Institute of Tropical Forestry and Forest Products (INTROP), Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia
- ² Department of Cell and Molecular Biology, Faculty of Biotechnology and Biomolecular Sciences, Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia
- ³ Department of Bioprocess, Faculty of Biotechnology and Biomolecular Sciences, Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia
- Department of Chemical and Environmental Engineering, Faculty of Engineering, Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia
- ⁵ Brain Mapping and Neuroinformatics Unit, Centre for Neuroscience Services and Research (P3Neuro), Health Campus, Universiti Sains Malaysia, 16150 Kubang Kerian, Kelantan, Malaysia
- ⁶ Human Informatics Research Institute, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Ibaraki 305-8568, Japan
- * Correspondence: m.afizan@upm.edu.my; +603-9769 1944

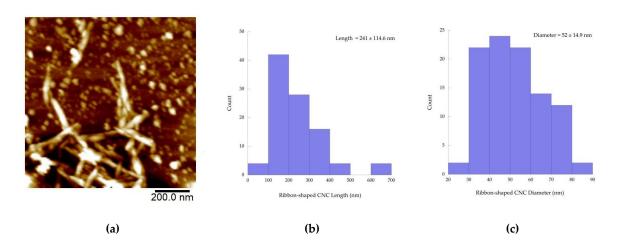


Figure S1. (a) AFM micrograph showing the co-existence of ribbon-shaped and spherical CNC. Histograms of (b) ribbon-shaped CNC length and (c) ribbon-shaped CNC diameter and their respective averages.