

# Supplementary Materials

## Testing Strategies of the In Vitro Micronucleus Assay for the Genotoxicity Assessment of Nanomaterials in BEAS-2B Cells

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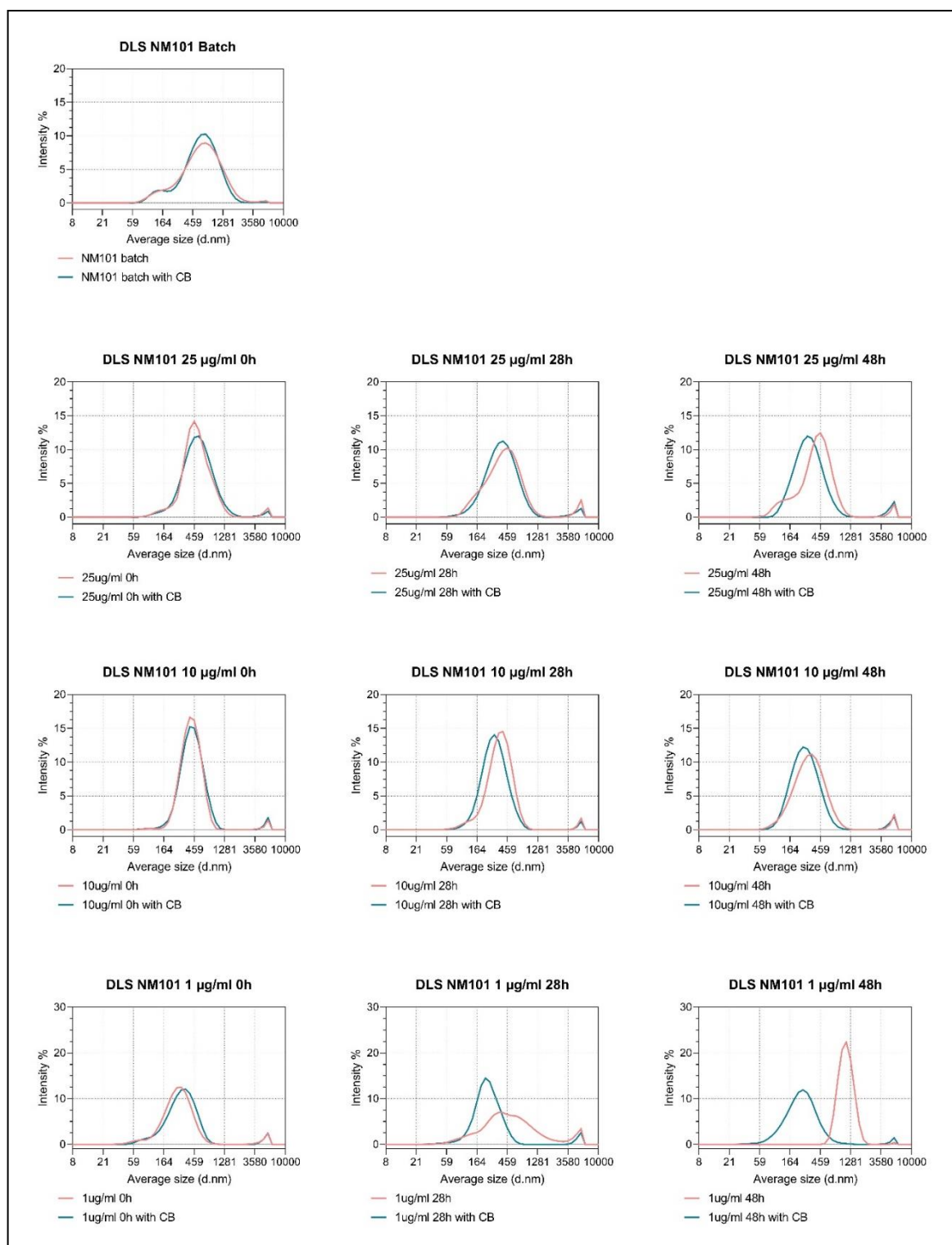
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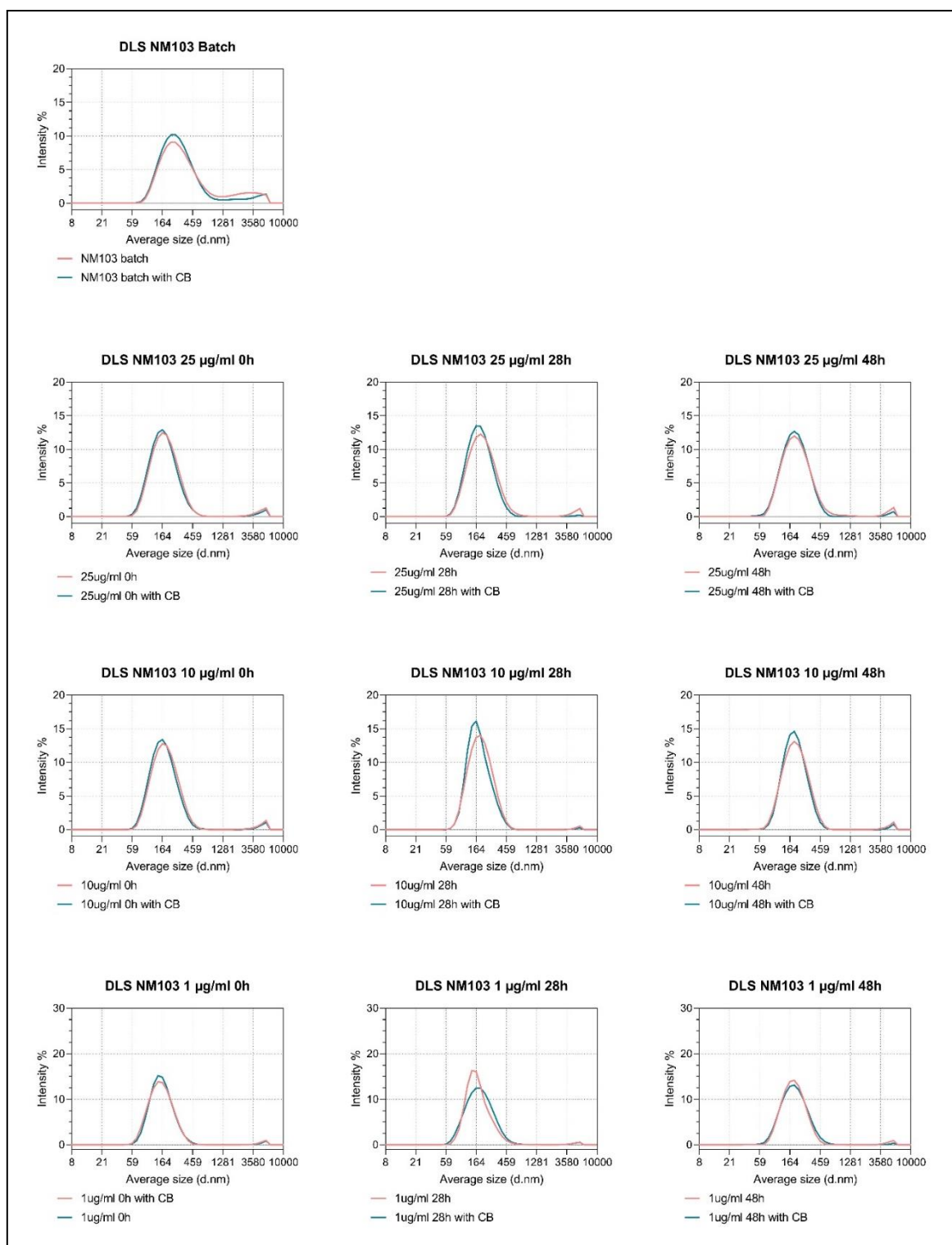
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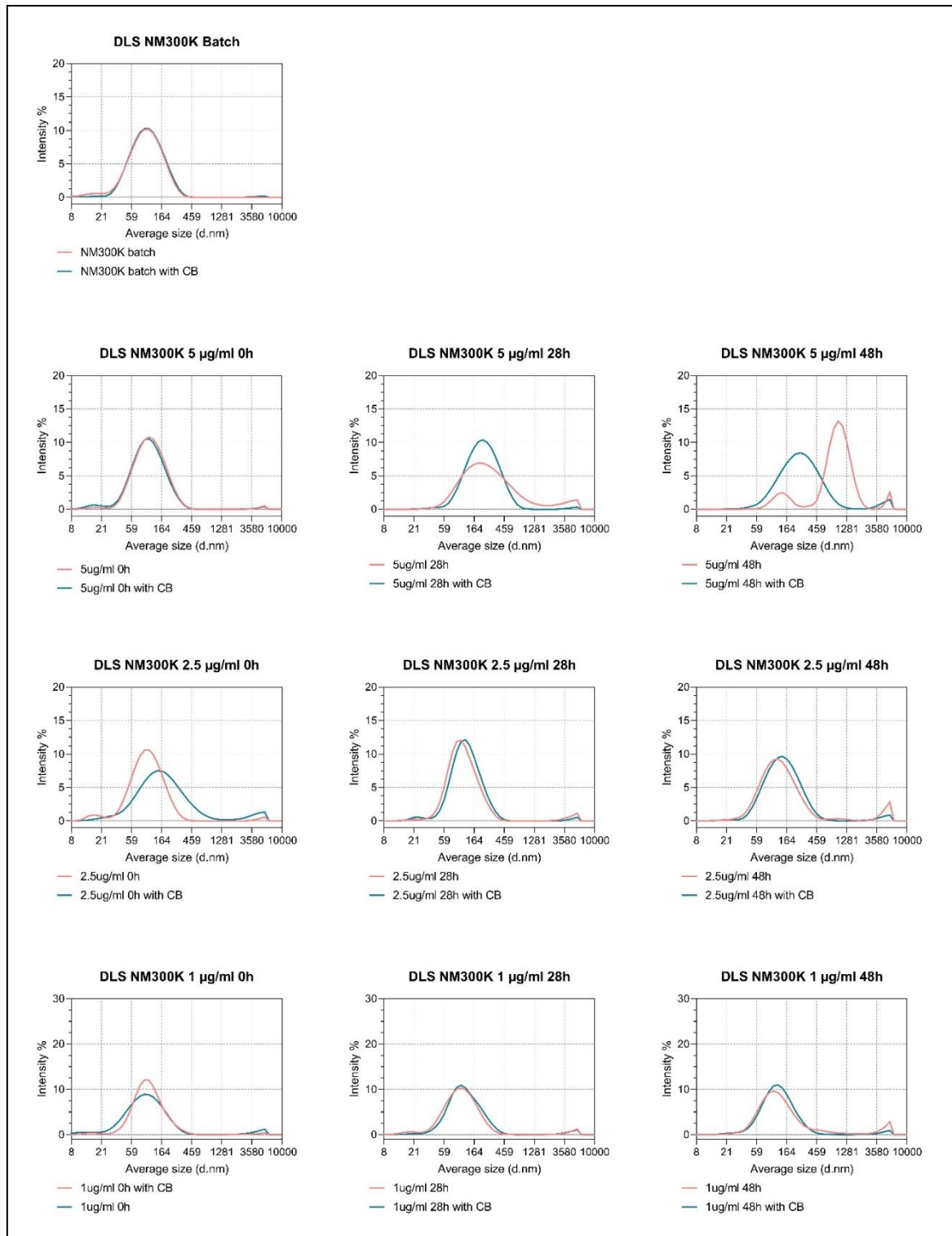
**Figure S1: Intensity-based DLS data for TiO<sub>2</sub> NM101**

Dynamic light scattering (DLS) measurement of NM after preparation in diH<sub>2</sub>O (batch), and in BEGM<sup>TM</sup> culture medium 0 h, 28 h and 48 h after preparation. NM characterisation in BEGM<sup>TM</sup> culture medium was done without and with CB (1 µg/ml).



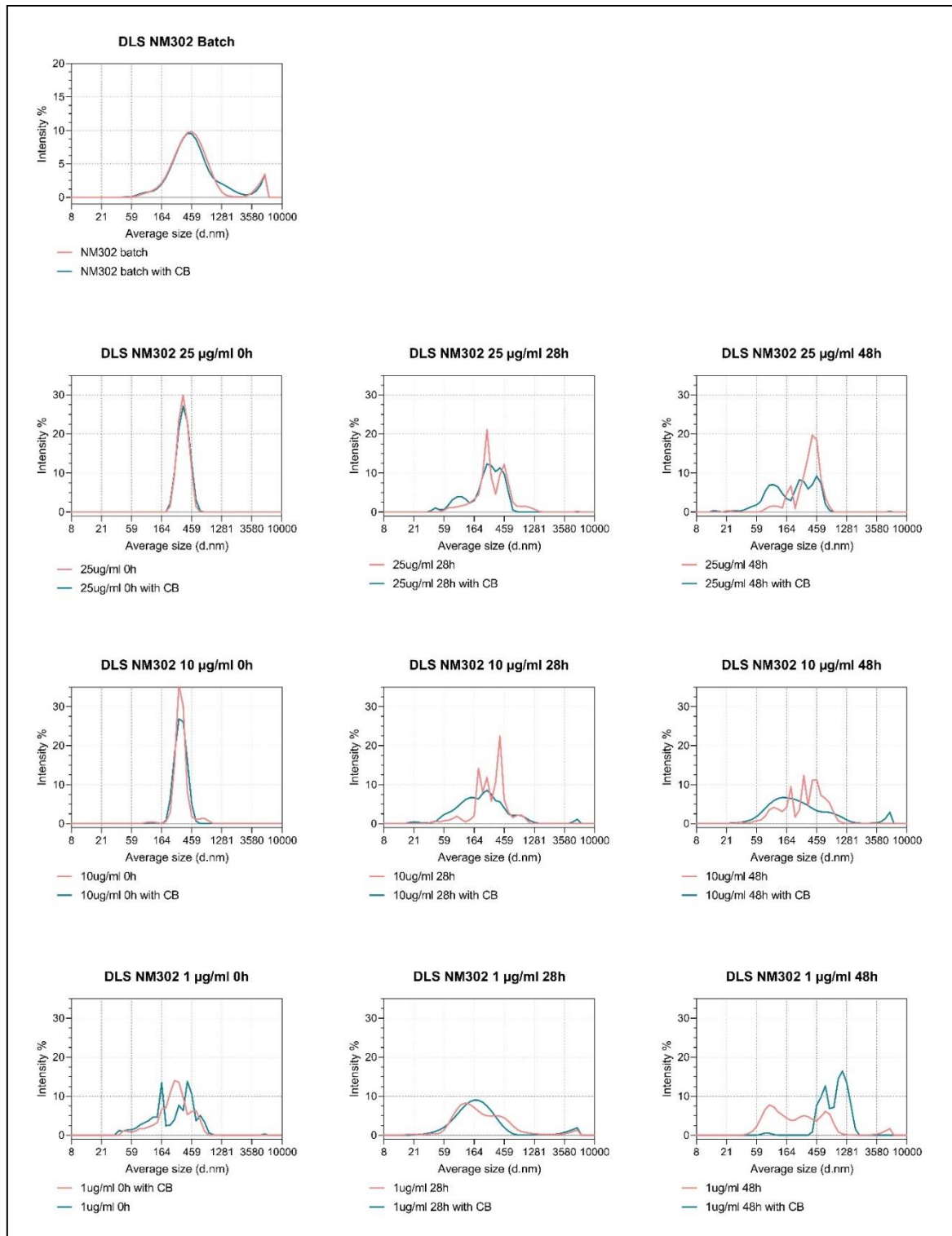
**Figure S2: Intensity-based DLS data for TiO<sub>2</sub> NM103**

Dynamic light scattering (DLS) measurement of NM after preparation in diH<sub>2</sub>O (batch), and in BEGM<sup>TM</sup> culture medium 0 h, 28 h and 48 h after preparation. NM characterisation in BEGM<sup>TM</sup> culture medium was done without and with CB (1 µg/ml).



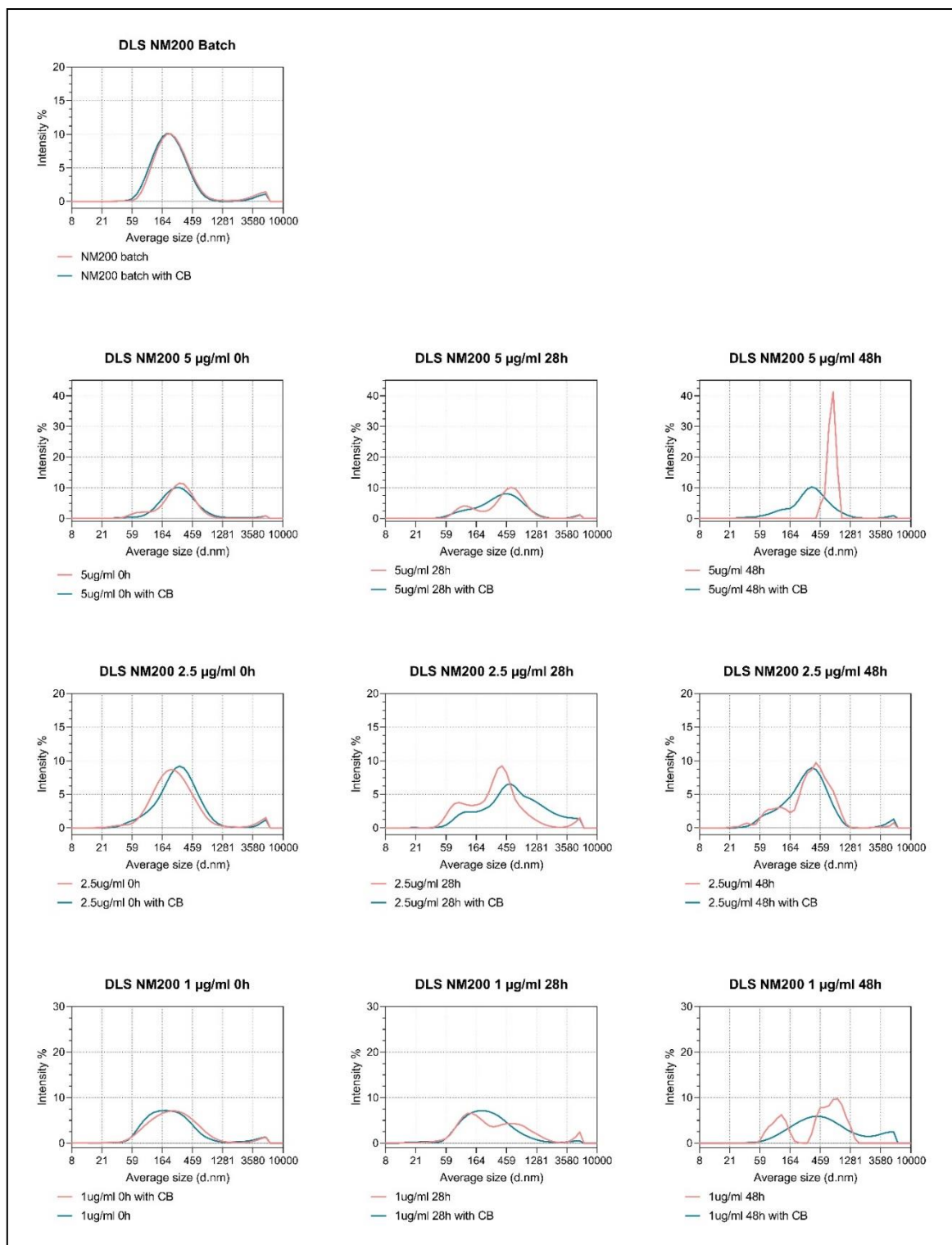
**Figure S3: Intensity-based DLS data for Ag NM300K**

Dynamic light scattering (DLS) measurement of NM after preparation in diH<sub>2</sub>O (batch), and in BEGM<sup>TM</sup> culture medium 0 h, 28 h and 48 h after preparation. NM characterisation in BEGM<sup>TM</sup> culture medium was done without and with CB (1 µg/ml).



**Figure S4: Intensity-based DLS data for Ag NM302**

Dynamic light scattering (DLS) measurement of NM after preparation in diH<sub>2</sub>O (batch), and in BEGM<sup>TM</sup> culture medium 0 h, 28 h and 48 h after preparation. NM characterisation in BEGM<sup>TM</sup> culture medium was done without and with CB (1 µg/ml).



**Figure S5: Intensity-based DLS data for SiO<sub>2</sub> NM200**

Dynamic light scattering (DLS) measurement of NM after preparation in diH<sub>2</sub>O (batch), and in BEGM™ culture medium 0 h, 28 h and 48 h after preparation. NM characterisation in BEGM™ culture medium was done without and with CB (1 µg/ml).