Figure 1: Light microscopy pictures of HiPco SWCNT (a-c) and Crocidolite asbestos (d-f) dispersed in complete culture medium containing 10% FCS (a+d), DPPC (b+e) or NHBE culture medium (c+f) at stock concentrations of 500 µg/ml.
Figure 2: 3H-Thymidine incorporation of A549 cells following 24 and 48 hours exposure to HiPCo SWCNT(a), HiPCo SWCNT dispersed in DPPC (c), HiPCo SWCNT in co-stimulation with rhTNF-α (b) and HiPCo SWCNT dispersed in DPPC in co-stimulation with rhTNF-α (d).

Figure 3: 3H-Thymidine incorporation of A549 cells following 24 and 48 hours exposure to Crocidolite asbestos (a), Crocidolite asbestos dispersed in DPPC (c), Crocidolite asbestos in co-stimulation with rhTNF-α (b) and Crocidolite asbestos dispersed in DPPC in co-stimulation with rhTNF-α (d).
Figure 4: IL-8 Promoter activation of A549-IL8 reporter gene cells following 48 exposure to HiPco SWCNT with or without DPPC dispersion as measured by luciferase assay. a. no co-stimulation, b. stimulation with TNF-a, c. stimulation with LPS-PA
Figure 5: IL-8 (a; b), IL-6 (c; d) and MCP-1 (e; f) protein release following 48h exposure to HiPco SWCNT dispersed in culture medium or DPPC of unstimulated A549 cells (a; c; d) and cells stimulated with rh-TNF-α (b; d; f) as measured using ELISA.
Figure 6: IL-8 (a + b) and IL-6 (c + d) protein release following 48h exposure to HiPco SWCNT dispersed in culture medium or DPPC by un-stimulated NHBE cells (a; c) or cells stimulated by rh-TNF-a (b; d) as measured by ELISA.
Figure 7: IL-8 (a; b), IL-6 (c; d) and MCP-1 (e; f) protein release following 48h exposure to Crocidolite asbestos dispersed in culture medium or DPPC of unstimulated A549 cells (a; c; d) and cells stimulated with rh-TNF-a (b; d; f) as measured using ELISA.

Figure 8: IL-8 (a + b) and IL-6 (c + d) protein release following 48h exposure to Crocidolite asbestos dispersed in culture medium or DPPC by un-stimulated NHBE cells (a; c) or cells stimulated by rh-TNF-a (b; d) as measured by ELISA.