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WELDING MATERIALS

Q-PUF COLLECTION

- Human bronchial epithelial cells (BEAS-2B)
- Acute (24 h) or repeated (3 x 24 h) exposures to WF-derived Q-UFPs: 0.1 to 50 μg/cm²

- hydroxy-2'-deoxyguanosine (8-OHdG, ELISA), carbonylated proteins (PROT-CO, ELISA), and 4-hydroxynonenal (4-HNE, MSD assay)

- (fluorescence), and miRNA/mRNA profiles (TagMan[®] OpenArray[®] Human MicroRNA Panel and Human Signal Transduction Panel).



This work benefited from grants from "Association de Santé au Travail 59-62", "Institut National de Recherche et de Sécurité", "Institut Mines Telecom Lille Douai", University of Lille, and the CLIMIBIO and CaPPA projects.









