

Supplementary Data

Proteomic analysis of cadmium exposure in cultured lung epithelial cells: evidence for oxidative stress-induced cytotoxicity

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Supplementary Materials

Table S1 Summary statistics of protein spots in this study

| Treatment | Number of spots detected | | | No. of spots (Mean \pm S.D.) | No. of spots > 2-fold difference* | No. of spots identified by MS | No. of spots selected for further study in this work |
|---------------|--------------------------|---------|---------|--------------------------------------|--|-------------------------------------|---|
| | Trial 1 | Trial 2 | Trial 3 | | | | |
| Control | 1120 | 1134 | 1180 | 1145 \pm 31 | 18 | 11 | 7 |
| 20 μ M Cd | 1023 | 998 | 1040 | 1020 \pm 21 | | | |
| Control | 1104 | 1128 | 1138 | 1123 \pm 17 | 0 | | |
| 2 μ M Cd | 1076 | 1109 | 1053 | 1079 \pm 28 | | | |

* Average expression level in cadmium-treated cells compared with LECs from three independent analyses.