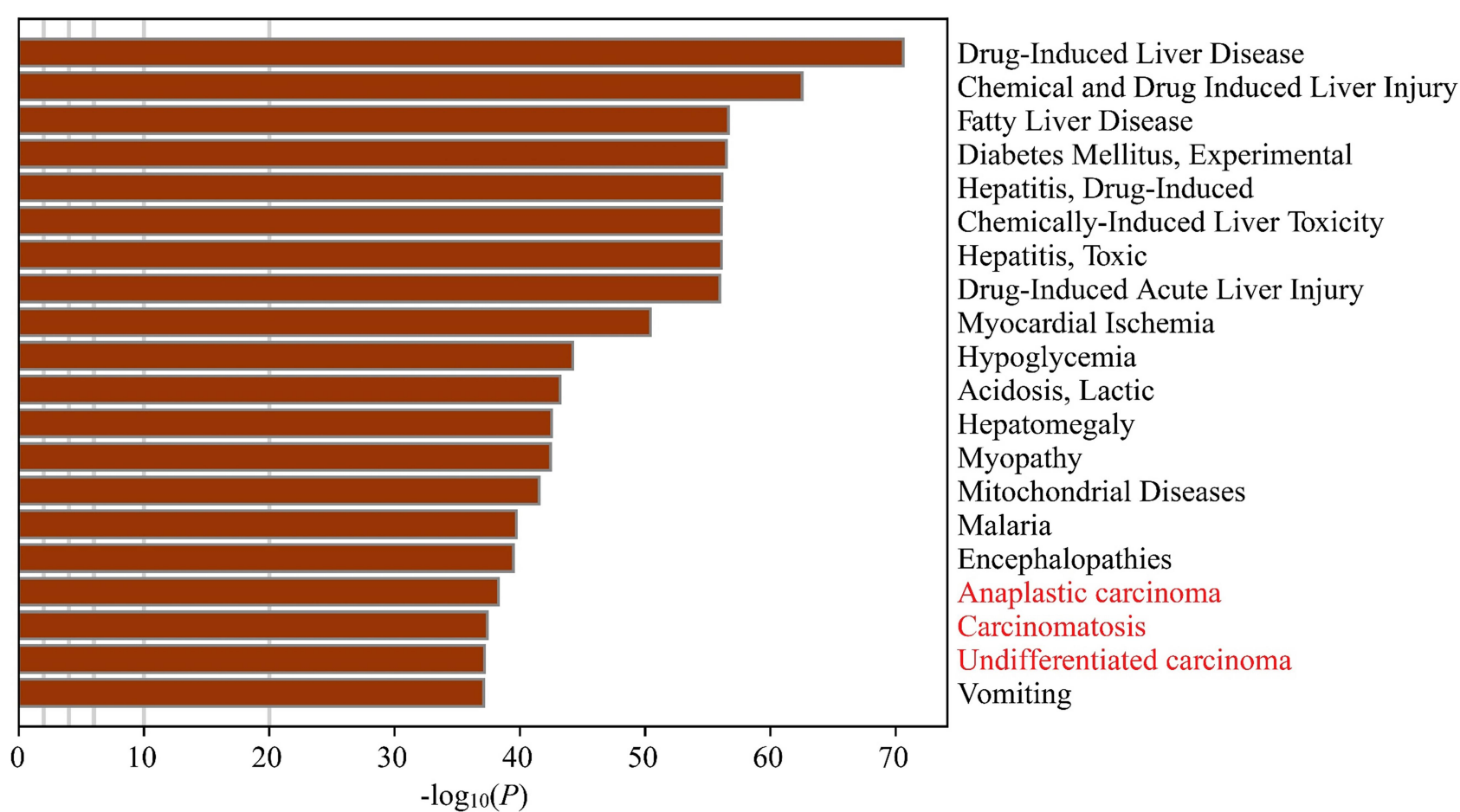


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73 **Supplementary Figure 4.** DisGeNET enrichment analysis of DHP-adducted proteins identified in lung tissues from MCT-exposed rats.
74 Untargeted proteomic mass spectrometry was performed directly on lung tissues from MCT-exposed rats without prior co-
75 immunoprecipitation to comprehensively identify DHP-adducted proteins. The identified proteins were subjected to Metascape-based
76 DisGeNET enrichment analysis. Notably, several cancer-related disease terms, including anaplastic carcinoma, carcinomatosis, and
77 undifferentiated carcinoma, were significantly enriched, prompting subsequent investigation of the tumor suppressor PTEN as a potential
78 molecular target of DHP. The x-axis represents the $-\log_{10}(P)$ value of each enriched term.

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