Supplemental

**Human arylamine N-acetyltransferase 1 is inhibited by the dithiocarbamate pesticide Thiram**

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**List of supplementary materials**

SUPPLEMENTAL Figure 1.

SUPPLEMENTAL Figure 2.
SUPPLEMENTAL Figure 1. Structures of thiocarbamate (including dithiocarbamate) pesticides and AcCoA.
SUPPLEMENTAL Figure 2. (A) DETC-MeSO$_2$ inhibit recombinant human NAT1 activity. Recombinant human NAT1 was treated with DETC-MeSO$_2$ for 30 min at 37 °C prior to activity assay.

(B) DETC-MeSO$_2$ modifies NAT1 cysteine residues. DETC-MeSO$_2$-treated NAT1 was incubated with 5-IAF (100 µM final concentration) for 10 min at 37 ºC. Samples were dot-blotted on nitrocellulose and 5-IAF was detected by measuring the fluorescence (λ$_{exc}$ : 492 nm ; λ$_{em}$ : 520 nm). NAT1 was probed using an anti-6xHis-tag antibody (Sigma-Aldrich, St-Quentin Fallavier, France).