

Supporting Information:

Table S1, Bodyweight and growth rate for control and T-2 toxin dosed rats.

Table S2, Clinical biochemistry parameters of rats exposed to different levels of T-2 toxin.

Table S3, NMR assignments of the metabolites in rat urine, thymus, stomach, spleen and liver aqueous tissue extracts.

Table S4, The significantly changed metabolites in the urine of low, moderate and high dosed rats.

Figure S1, Structure of T-2 toxin.

Figure S2, The bodyweight of control group and different levels of T-2 dosed groups at both the starting and ending of the trial as well as the growth rates of different groups.

Figure S3, Histological examinations of liver ($\times 200$) and stomach ($\times 100$) from control rats and the rats after 7 days high dose of T-2 toxin exposure. The liver in the high dose group showed signs of steatosis. The stomach from high T-2 dosed rats showed basal cell hyperplasia in the gastric mucosa.

Figure S4, PCA scores plot of 1D spectra of urine obtained from the control, low dose, moderate dose and high dose rats after 8 hour T-2 toxin exposure.