Table S1. Results of two-way ANOVA for qPCR analysis.

Two-way ANOVA			
Target mRNA	**FSO**	**TMT**	**FSO x TMT**
NRF2	F (1, 20) = 34.03, P < 0.0001	F (1, 20) = 1.532, P = 0.2302; **NS**	F (1, 20) = 26.38, P < 0.0001
NF-kB	F (1, 20) = 11.81, P = 0.0026	F (1, 20) = 4.110, P = 0.0562; **NS**	F (1, 20) = 14.27, P = 0.0012
Gpx1	F (1, 20) = 3.050, P = 0.0961; **NS**	F (1, 20) = 5.073, P = 0.0357	F (1, 20) = 11.87, P = 0.0026
Gsr	F (1, 20) = 6.278, P = 0.0210	F (1, 20) = 0.04026, P = 0.8430; **NS**	F (1, 20) = 0.4137, P = 0.5274; **NS**
Sod2	F (1, 20) = 4.617, P = 0.0441	F (1, 20) = 1.757, P = 0.1999; **NS**	F (1, 20) = 0.1466, P = 0.7058; **NS**
Cat	F (1, 20) = 32.26, P < 0.0001	F (1, 20) = 0.4688, P = 0.5014; **NS**	F (1, 20) = 0.1547, P = 0.6982; **NS**
CD39	F (1, 16) = 31.02, P < 0.0001	F (1, 16) = 21.89, P = 0.0003	F (1, 16) = 0.001476, P = 0.9698; **NS**
CD73	F (1, 16) = 12.01, P = 0.0032	F (1, 16) = 3.802, P = 0.069; **NS**	F (1, 16) = 0.6751, P = 0.4246; **NS**
$P2X_4R$	F (1, 16) = 15.34, P = 0.0012	F (1, 16) = 36.87, P < 0.0001	F (1, 16) = 36.70, P < 0.0001
$P2Y_6R$	F (1, 17) = 5.019, P = 0.0387	F (1, 17) = 35.64, P < 0.0001	F (1, 17) = 22.57, P = 0.0002
$P2Y_{12}R$	F (1, 17) = 24.72, P = 0.0001	F (1, 17) = 35.50, P < 0.0001	F (1, 17) = 25.59, P < 0.0001
A_1R	F (1, 16) = 76.88, P < 0.0001	F (1, 16) = 1.695, P = 0.2114; **NS**	F (1, 16) = 1.236, P = 0.2827; **NS**
$A_{2A}R$	F (1, 16) = 52.05, P < 0.0001	F (1, 16) = 1.225, P = 0.2848; **NS**	F (1, 16) = 4.392, P = 0.0524; **NS**
$A_{2B}R$	F (1, 16) = 40.55, P < 0.0001	F (1, 16) = 3.017, P = 0.1016; **NS**	F (1, 16) = 1.082, P = 0.3137; **NS**
A_3R	F (1, 16) = 4.390, P = 0.0524; **NS**	F (1, 16) = 1.065, P = 0.3174; **NS**	F (1, 16) = 4.676, P = 0.0461
NGF	F (1, 16) = 109.4, P < 0.0001	F (1, 16) = 25.38, P = 0.0001	F (1, 16) = 2.744, P = 0.1171; **NS**
ADA	F (1, 16) = 0.1042, P = 0.7510 **NS**	F (1, 16) = 30.01 P = 0.0001;	F (1, 16) = 2.028, P = 0.1736; **NS**
ENT1	F (1, 16) = 85.49, P < 0.0001	F (1, 16) = 14.00, P = 0.0018	F (1, 16) = 4.482, P = 0.0503; **NS**

Table S2. Results of two-way ANOVA for Western blott analysis.

Two-way ANOVA			
Target protein	**FSO**	**TMT**	**FSO x TMT**
NTPDase1/CD39	F (1, 16) = 7.810, P = 0.0130	F (1, 16) = 12.56, P = 0.0027	F (1, 16) = 4.535, P = 0.0491
eN/CD73	F (1, 16) = 0.5121, P = 0.4845; **NS**	F (1, 16) = 12.34, P = 0.0029	F (1, 16) = 5.872, P = 0.0276
ADA	F (1, 16) = 23,15, P = 0,0002	F (1, 16) = 0,1425, P = 0,7107; **NS**	F (1, 16) = 6,691, P = 0,0199
ENT1	F (1, 16) = 5,899, P = 0,0273	F (1, 16) = 6,266, P = 0,0235	F (1, 16) = 3,459, P = 0,0814; **NS**

Table S3. Results of two-way ANOVA for enzyme activity assay.

Two-way ANOVA			
Enzyme assay	**FSO**	**TMT**	**FSO x TMT**
ATP hydrolysis	F (1, 16) = 5.850, P = 0.0279	F (1, 16) = 32.34, P < 0.0001	F (1, 16) = 10.01, P = 0.0060
ADP hydrolysis	F (1, 16) = 12.07, P = 0.0031	F (1, 16) = 23.27, P = 0.0002	F (1, 16) = 20.22, P = 0.0004
AMP hydrolysis	F (1, 16) = 2.443, P = 0.1376; **NS**	F (1, 16) = 10.19, P = 0.0057	F (1, 16) = 7.491, P = 0.0146
ADA hydrolysis	F (1, 16) = 21.30, P = 0.0003	F (1, 16) = 0.3960, P = 0.5380; **NS**	F (1, 16) = 4.659, P = 0.0464