

## Supporting Information

### Time-Dependent Naphthalene Toxicity in *Anabas testudineus* (Bloch): A Multiple Endpoint Biomarker Approach

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**Table S1:** Percentage of increase (+) or decrease (-) of different haematological parameters in *Anabas testudineus* under naphthalene exposures. Results of ‘Paired t test’ showed significant differences between control and treatment condition within each day of exposure except NS in superscript. Different letters represent significant differences among different exposure durations within each naphthalene exposure for a particular haematological parameter at  $p < 0.05$  (one-way ANOVA).

Conditions	WBC		RBC		%LYM		Hb		PCV		MCV		MCH		MCHC		PLT	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
1 Day	4.1 <sup>a</sup>	9.8 <sup>a</sup>	-4 <sup>a</sup>	-6.1 <sup>a</sup>	1.4 <sup>a</sup>	1.8 <sup>a</sup>	-12.5 <sup>a</sup>	-21.2 <sup>a</sup>	-10 <sup>a</sup>	-14.6 <sup>a</sup>	14 <sup>a</sup>	22 <sup>a</sup>	14.1 <sup>a</sup>	33.2 <sup>a</sup>	5.7 <sup>a</sup>	10.7 <sup>a</sup>	-7.9 <sup>a</sup>	-12.7 <sup>a</sup>
5 Days	3.5 <sup>ab</sup>	8.5 <sup>b</sup>	-5.3 <sup>ab</sup>	-7.6 <sup>a</sup>	1.2 <sup>b</sup>	1.5 <sup>b</sup>	-14 <sup>ab</sup>	-22.3 <sup>a</sup>	-10.3 <sup>a</sup>	-15.1 <sup>a</sup>	14.6 <sup>ab</sup>	22.8 <sup>ab</sup>	16.5 <sup>b</sup>	34.1 <sup>a</sup>	7.7 <sup>b</sup>	13.6 <sup>b</sup>	-8.8 <sup>a</sup>	-14.4 <sup>b</sup>
10 Days	3 <sup>b</sup>	7.9 <sup>c</sup>	-6.6 <sup>b</sup>	-9.6 <sup>b</sup>	1.1 <sup>b</sup>	1.2 <sup>c</sup>	-14.8 <sup>bc</sup>	-23.5 <sup>b</sup>	-11.3 <sup>b</sup>	-15.7 <sup>b</sup>	15.2 <sup>ab</sup>	23.6 <sup>bc</sup>	17.9 <sup>c</sup>	35.9 <sup>b</sup>	9.7 <sup>c</sup>	17.6 <sup>c</sup>	-10 <sup>b</sup>	-15.4 <sup>c</sup>
15 Days	2.8 <sup>c</sup>	7.8 <sup>bc</sup>	-8.6 <sup>c</sup>	-11.2 <sup>b</sup>	0.9 <sup>c</sup>	1 <sup>d</sup>	-15.6 <sup>c</sup>	-24.4 <sup>b</sup>	-12.4 <sup>c</sup>	-16.3 <sup>c</sup>	16 <sup>b</sup>	24.2 <sup>bc</sup>	19.7 <sup>d</sup>	38.8 <sup>c</sup>	10.9 <sup>c</sup>	19.9 <sup>d</sup>	-11.1 <sup>c</sup>	-18.6 <sup>d</sup>
21 Days	2.5 <sup>c</sup>	7.7 <sup>c</sup>	-10.9 <sup>c</sup>	-13 <sup>c</sup>	0.5 <sup>d</sup>	0.9 <sup>d</sup>	-16.2 <sup>c</sup>	-25.6 <sup>b</sup>	-12.7 <sup>c</sup>	-17.3 <sup>c</sup>	16.7 <sup>c</sup>	24.8 <sup>c</sup>	20.9 <sup>e</sup>	40 <sup>c</sup>	13.5 <sup>d</sup>	21.2 <sup>d</sup>	-12.5 <sup>d</sup>	-19.7 <sup>e</sup>

**Table S2:** Percentage of increase (+) or decrease (-) of different serum biochemical parameters in *Anabas testudineus* under naphthalene exposures. Results of ‘Paired *t* test’ showed significant differences between control and treatment condition within each exposure day except NS in superscript. Different letters represent significant differences among different exposure durations within each naphthalene exposure for a particular haematological parameter at  $p < 0.05$  (one-way ANOVA).

Conditions	CHOLES		Trig		LDL		HDL		Ca		GLU	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
1 Day	34.7 <sup>a</sup>	28 <sup>a</sup>	10 <sup>a</sup>	15.8 <sup>a</sup>	-17.1 <sup>a</sup>	-22.2 <sup>a</sup>	-13.7 <sup>a</sup>	-18.9 <sup>a</sup>	-17.2 <sup>a</sup>	-20.7 <sup>a</sup>	18.4 <sup>a</sup>	21.3 <sup>a</sup>
5 Days	45.7 <sup>b</sup>	51.5 <sup>b</sup>	5.1 <sup>b</sup>	6.7 <sup>b</sup>	0.9 <sup>bNS</sup>	2 <sup>bNS</sup>	-8.1 <sup>b</sup>	-0.6 <sup>bNS</sup>	-12.1 <sup>a</sup>	-6.9 <sup>b</sup>	26.9 <sup>b</sup>	33.3 <sup>b</sup>
10 Days	54.1 <sup>c</sup>	63.3 <sup>c</sup>	-5.2 <sup>c</sup>	-0.5 <sup>cNS</sup>	7.1 <sup>c</sup>	10 <sup>c</sup>	12.1 <sup>c</sup>	19.4 <sup>c</sup>	1.7 <sup>bNS</sup>	8.6 <sup>c</sup>	39 <sup>c</sup>	50 <sup>c</sup>
15 Days	59.3 <sup>d</sup>	69.1 <sup>d</sup>	-13.5 <sup>d</sup>	-9.2 <sup>d</sup>	13 <sup>d</sup>	16.9 <sup>d</sup>	37.8 <sup>d</sup>	34.8 <sup>d</sup>	12 <sup>b</sup>	17.2 <sup>d</sup>	43.4 <sup>d</sup>	54.2 <sup>d</sup>
21 Days	64.5 <sup>e</sup>	72.6 <sup>e</sup>	-15.8 <sup>d</sup>	-12.4 <sup>d</sup>	21 <sup>e</sup>	25.5 <sup>e</sup>	46.9 <sup>e</sup>	58.5 <sup>e</sup>	24.1 <sup>bc</sup>	29.3 <sup>e</sup>	52.7 <sup>e</sup>	61.7 <sup>e</sup>