

## Supplementary data

Table S1: Data of death time and percentage of the fractions of *N. biserrata* against the marine leeches in replicates

		Replicates 1-3 5 leeches per Group					
Groups	No of Parasites	Death Time Experiment 1	Death Time Experiment 2	Death Time Experiment 3	Average Mean	Average SD	Death %
Control	1	0	0	0			0
	2	0	0	0			0
	3	0	0	0			0
	4	0	0	0			0
	5	0	0	0			0
		<b>Mean</b>	0	0	0	0	
	<b>SD</b>	0	0	0		0	
Formalin ( 0.02%) (v/v)	1	3.4	3	3.44			100
	2	3.4	4	3.55			100
	3	3.46	3.44	4			100
	4	6	5.4	4.55			100
	5	3.5	4	3.4			100
		<b>Mean</b>	3.952	3.968	3.788	<b>3.90266667</b>	
	<b>SD</b>	1.145652652	0.903946901	0.488333902		<b>0.845977819</b>	

*Nephrolepis biserrata*  
**Fraction1 (NB F1)**  
**(4.80 mg/ml)**

1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0

<b>Mean</b>	0	0	0	0	0
<b>SD</b>	0	0	0	0	0

**NB F2 (20 mg/ml)**

1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0

<b>Mean</b>	0	0	0	0	0
<b>SD</b>	0	0	0	0	0

**NB F3 (2.50 mg/ml)**

1	1.4	1.15	1.45		100
2	3	1.3	2		100
3	2.3	1.41	3		100
4	2.14	2.07	1.15		100
5	3	2.07	2.07		100

<b>Mean</b>	2.368	1.4825	1.934	<b>1.928166667</b>	
<b>SD</b>	0.669417657	0.40590434	0.708540754		<b>0.594620917</b>

<i>NB F4 (14 mg/ml)</i>	1	30.5	30	32.5	100
	2	32.29	33	33.3	100
	3	34	36.9	36.4	100
	4	38	40	38	100
	5	38	34.5	39.4	100

<b>Mean</b>	33.6975	34.975	35.05	<b>34.57416667</b>
<b>SD</b>	3.204583956	4.382065723	2.587791851	<b>3.39148051</b>

<i>NB F5 (15.30 mg/ml)</i>	1	31	33	32.2	100
	2	37.17	35	34.5	100
	3	37.2	39.9	34.6	100
	4	43.11	41.2	43	100
	5	43.35	42	43.7	100

<b>Mean</b>	37.12	37.275	36.075	<b>36.82333333</b>
<b>SD</b>	4.94447166	3.905018139	4.74789427	<b>4.532461357</b>

<i>NB F6 (17.20 mg/ml)</i>	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	4	0	0	0	0
	5	0	0	0	0

<b>Mean</b>	0	0	0	<b>0</b>
<b>SD</b>	0	0	0	<b>0</b>

*NB F7 (20 mg/ml)*

1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0

<b>Mean</b>	0	0	0	0	0
<b>SD</b>	0	0	0	0	0