

Supplementary Materials: In Vitro Anti-Inflammatory and Cytotoxic Effects of Aqueous Extracts from the Edible Sea Anemones *Anemonia sulcata* and *Actinia equina*

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Table S1. F values for statistical analysis of MTT and LDH assay for AGS and RAW 264.7 cells, and NO and ROS inhibition assay for RAW 264.7 cells.

Cells	Assay	Time (h)	Extract/Compound	F value
RAW 264.7	MTT	24	<i>A. equina</i>	171.942
			<i>A. sulcata</i>	31.705
			Homarine	2.483
		48	<i>A. equina</i>	140.485
			<i>A. sulcata</i>	24.584
			Homarine	16.139
		72	<i>A. equina</i>	146.282
			<i>A. sulcata</i>	38.531
			Homarine	1.416
	LDH	24	<i>A. equina</i>	18.234
			<i>A. sulcata</i>	2.349
			Homarine	4.985
		48	<i>A. equina</i>	6.562
			<i>A. sulcata</i>	14.952
			Homarine	1.375
		72	<i>A. equina</i>	1.506
			<i>A. sulcata</i>	8.812
			Homarine	1.918
	NO production	24	<i>A. equina</i>	107.556
			<i>A. sulcata</i>	75.102
			Homarine	82.209
	ROS production	24	<i>A. equina</i>	59.409
			<i>A. sulcata</i>	167.781
			Homarine	60.309
AGS	MTT	24	<i>A. equina</i>	138.428
			<i>A. sulcata</i>	40.272
			Homarine	8.907
		48	<i>A. equina</i>	227.010
			<i>A. sulcata</i>	27.869
			Homarine	10.997
	LDH	72	<i>A. equina</i>	34.461
			<i>A. sulcata</i>	33.851
			Homarine	8.260
		24	<i>A. equina</i>	38.653
			<i>A. sulcata</i>	1.218
			Homarine	2.065
		48	<i>A. equina</i>	20.553

		<i>A. sulcata</i>	1.228
		Homarine	0.981
		<i>A. equina</i>	1.694
	72	<i>A. sulcata</i>	4.022
		Homarine	1.927

Table S2. *F* values for statistical analysis of caspases assay for both cells.

Cells	Assay	Time (h)	Extract/Compound	Concentration (mg/mL)	<i>F</i> value
RAW 264.7	Pan caspase inhibitor Z-VAD.fmk	8	<i>A. equina</i>	0.25	3.131
				0.5	27.221
			<i>A. sulcata</i>	0.5	0.199
				1	31.420
		Homarine	1	18.607	
	Caspase-3 activation	8	<i>A. equina</i>	0.5	10.905
			<i>A. sulcata</i>	1	27.421
	AGS	Pan caspase inhibitor Z-VAD.fmk	8	<i>A. equina</i>	0.25
				0.5	1.461
<i>A. sulcata</i>				0.5	7.740
				1	0.215
		Homarine	1	8.043	
Caspase-3 activation		8	<i>A. equina</i>	0.5	34.273
			<i>A. sulcata</i>	1	31.065
			Homarine	1	9.436
Caspase-4 activation		8	<i>A. equina</i>	0.5 and 0.25	0.235
			<i>A. sulcata</i>	1 and 0.5	15.284
	Homarine		1	42.338	

Table S3. *F* values for statistical analysis of PLA₂ assay.

Assay	Extract/Compound	<i>F</i> value
PLA ₂ activity	<i>A. equina</i>	18.513
	<i>A. sulcata</i>	4.813
	Homarine	85.570