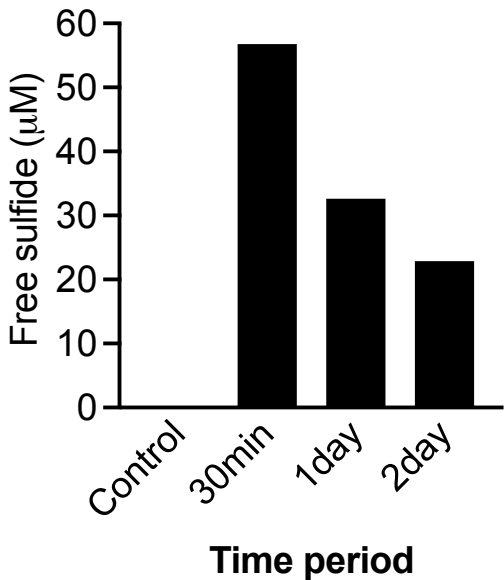
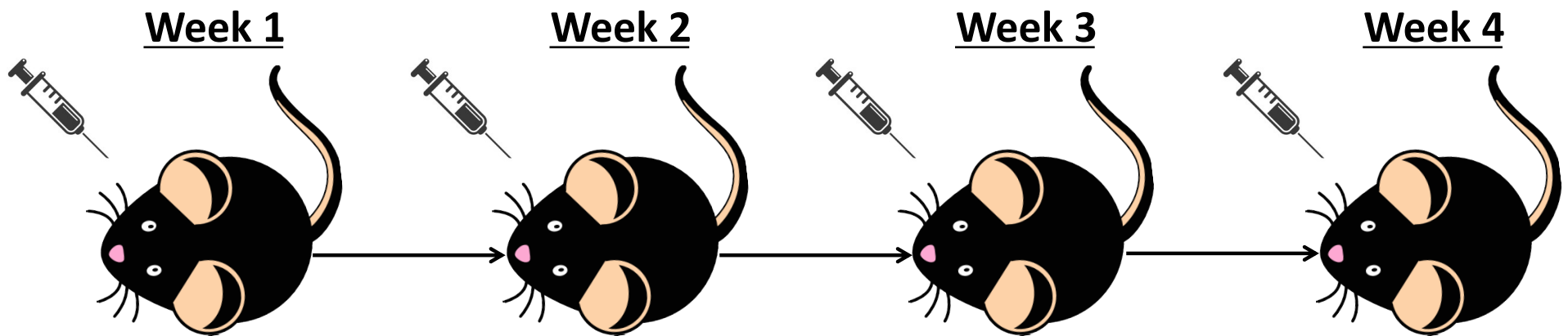


## Sulfide levels in water



**Supplementary Figure 1**



Day	Injection time & Dosage (mg/kg)			
	0h	2h	4h	6h
1	0	0	0	0
2	1	1	2	2
3	3	3	4	4
4	5	5	5	5
5	6	6	6	6
6	--	--	--	--
7	--	--	--	--

Day	Injection time & Dosage (mg/kg)			
	0h	2h	4h	6h
1	0	0	0	0
2	3	3	4	4
3	5	5	5	5
4	6	6	6	6
5	6	6	6	6
6	--	--	--	--
7	--	--	--	--

Day	Injection time & Dosage (mg/kg)			
	0h	2h	4h	6h
1	0	0	0	0
2	3	3	4	4
3	5	5	5	5
4	6	6	6	6
5	6	6	6	6
6	--	--	--	--
7	--	--	--	--

Day	Injection time & Dosage (mg/kg)			
	0h	2h	4h	6h
1	0	0	0	0
2	3	3	4	4
3	5	5	5	5
4	6	6	6	6
5	6	6	6	6
6	--	--	--	--
7	--	--	--	--

Supplementary Figure 2

**Supplementary Table 1.**

<b>GENE</b>	<b>Forward primer</b>	<b>Reverse primer</b>
GAPDH	CTCCCACTCTCCACCTTCG	GCCTCTCTTGCTCAGTGTCC
CSE	TTCCTGCCTAGTTTCCAGCAT	GGAAGTCCTGCTTAAATGTGGTG
CBS	GGCCTGATACCCCAAGCAG	GGTGTTCCTCAATTTTCCTCAGAA
eNOS	TGTGACCCTCACCGCTACAA	GCACAATCCAGGCCCAATC
ICAM-1	GTGATGCTCAGGTATCCATCCA	CACAGTTCTCAAAGCACAGCG
VCAM-1	TTGGAGGCTGAACACTTT	ACCATCTTCACAGGCATT
NOX4	GGCAATGGAGAATAATACTG	CCTCTGATGTAATGGAAC
gp91phox	TGAATGCCAGAGTCGGGATTT	CGAGTCACGGCCACATACA
p47phox	GTGGTCTACAGAAAATTCACCGA	CCATGAGGCCGTTGAAGTATTC
ATF4	ATGACCGAAATGAGCTTCTG	GCTGGAGAACCCATGAGGT
SIRT1	CGGCTACCGAGGTCCATATAC	CAGCTCAGGTGGAGGAATTGT
SIRT6	CCAAATCGTCAGGTCAGGGA	CAGAGTGGGGTACAGGGATG