

Supplementary Table S1. The detailed strain information of *Vibrio vulnificus* used in this study

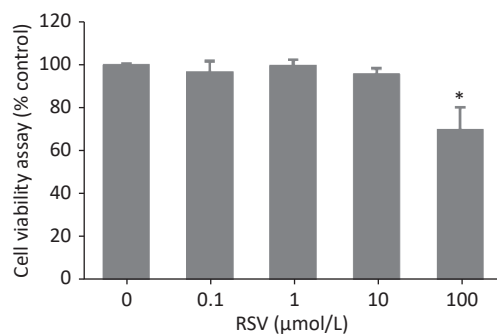
Strain species	Strain number	Origin of strain	16s sequence
<i>Vibrio vulnificus</i>	1H00066	'=1.1758'=ATCC 27562 Human blood, Florida, United States	attgaagagttgatcatggctcagattgaacgctggcggcaggcctaacac atgcaagtcgagcggcagcacagagaaactgtttctcgggtggcagcgg cggacgggtgagtaatgcctgggaaattgcctgatgtggggataaccatt ggaacgatggctaataccgcatgatagcttcggctcaaagagggggacct tcggcctctcgcgtcaggatagcccagggtgggattagctagtggtaggt aagggtcaccaaggcagatccctagctggtctgagaggatgatcagcc aactggaactgagacacggtccagactcctacgggaggcagcagtgaggga atattgacaatgggcgcaagcctgatgagccatgccgctgtgtgaagaa ggccttcgggtgtaaacactttcagtcgtgaggaaagtggtagtgttaata gcaactatcattgacgttagcgacagaagaagcaccggctaactcgtgcc gacccggttaatacggagggtgagcgttaacggaataactggcgt aaagcagtcagggtgttttaagtcagatgaaagcccggggtcaac ctcggaaactgattgaaactggcagactagtagtctgtaggggggtag aatttcagggtgtagcgggtaaagcgtgtagatctgaaggaataccggtggc gaaggcggccccctggacagatactgacactcagatgcgaaagcgtgggga gcaaacaggattagataccctggtagtccacgctgtaaacgatgtctacttg gaggttggtgcttgagccgtggcttcggagctaaccggttaagtagaccgc ctgggagtagcgtcgaagattaaaactcaaatgaattgacggggncgg cacaagcgggtgagcatgtgttaattcgatgcaacgcaagaaccttacc tactcttgacatccagagaatctagcggagacgctggagtgccttcgggaac ctgagacagggtgctgcatggctgtcgtcagctcgtgttgtaaatgtgggt aagtcgcccaacgagcgaacccctatcctgtttgccagcagtaatgtcgg gaaactcaggagactccggtgataaacggaggaaggtggggacgacg tcaagtcacatggccctacgagtagggctacacagctgtaacaatggcgc atacagagggcgccaactgcaagagtgagcgaatccaaaagtgcgtc gtagtcggattgagtcgcaactcgaactcgaatgagtcggaatcgtagt aatcgtggatcagaatgccacggtaatacgttcccgggctgtacacacc gcccgtcacaccatgggagtggtgctcaaaagaagtggttagttaactcg ggaggacgctcacac

Supplementary Table S2. Primers used for Q-PCR

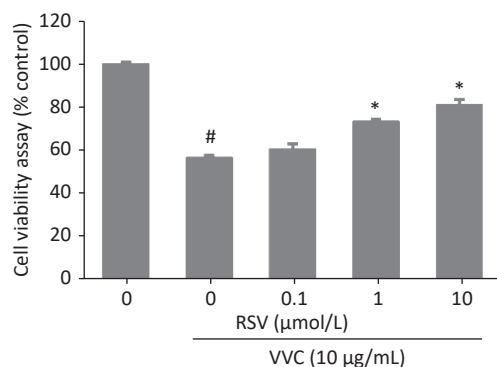
Primer name	Sequence
β-actin-F	GTGACGTTGACATCCGTAAGA
β-actin-R	GCCGACTCATCGTACTCC
TNF-α-F	CCCTCACACTCAGATCATCTTCT
TNF-α-R	GCTACGACGTGGGTACAG
MLKL-F	TCGATTCTCCCAACATCTTGC
MLKL-R	GGTGTAGCCTGTATAAGCCTCTG
Rip1-F	GAAGACAGACCTAGACAGCGG
Rip1-R	CCAGTAGCTTCACTACTCGAC
Rip3-F	GTGCTACCTACACAGCTTGAAC
Rip3-R	CCCTCCCTGAAACGTGGAC

Supplementary Table S3. Surviving data of mice intraperitoneally injected with *V. vulnificus* suspension (OD = 0.2) with 40 mg/kg RSV (experiment group) or without RSV (control group) 1 h pretreatment suiveilled within 72 h

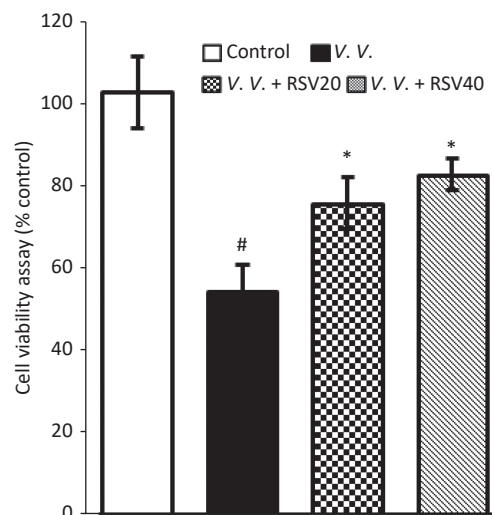
Time (h)		1	2	3	4	5	6	7	8	9	10	11	12	16	20	24	36	48	72
Dead number (n)	Control group	0	0	0	0	0	0	0	4	1	0	2	0	1	0	1	1	0	0
	Experiment group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1



Supplementary Figure S1. The viability of RAW264.7 cells incubated with different concentrations of RSV. RAW264.7 macrophages were incubated for 24 h in medium containing 1–100 μmol/L RSV, and then viability was assessed using the CCK-8 according to the manufacturer’s protocol. Data are representative of three independent experiments with similar results and presented as mean ± SD. * $P < 0.05$ indicates a significant difference from the “RSV 0 μmol/L” group.



Supplementary Figure S2. RSV reduced the VVC-induced loss of RAW264.7 cells viability in a concentration-dependent manner. RAW264.7 macrophages were pretreated by DMSO (RSV 0 μmol/L) or RSV (0.1–10 μmol/L) for 1 h, then incubated with or without VVC (10 μg/mL) for 12 h. Viability of cells was assessed using CCK-8. Data are representative of three independent experiments with similar results and presented as mean ± SD. # $P < 0.05$ indicates a significant difference from the “VVC 0 μg/mL + DMSO” group. * $P < 0.05$ indicates a significant difference from the “VVC 10 μg/mL + DMSO” group.



Supplementary Figure S3. Viability of peritoneal macrophages were also injured by *V. vulnificus* infection and rescued by RSV pretreatment. Viability of peritoneal macrophages from mice 12 h after intraperitoneally injected by PBS or *V. vulnificus* suspension (OD = 0.15) with or without RSV (20 or 40 mg/kg) 1 h pretreatment by CCK-8. # $P < 0.05$ indicates significant differences from the control group. * $P < 0.05$ indicates significant differences from the *V.V.* group. Each bar is the mean from samples from 3 separate mice and error bars indicate standard deviations.