

Supplementary Materials:

1. Identification of the components of *Scutellaria baicalensis* Georgi in mice plasma

The TIC maps of mice plasma samples collected by high-performance liquid chromatography-electrostatic field orbitrap high-resolution mass spectrometry (HPLC-Orbitrap Exploris 120 MS) and the quasi-molecular ions and fragmentation ion information obtained. Finally, the fragmentation information of the compounds in the blood samples was compared with the secondary fragment ion information of the components of *Scutellaria baicalensis* Georgi to speculate the composition of *Scutellaria baicalensis* Georgi in respiratory syncytial virus (RSV)-infected mice. The total ion current diagram and fragment information of the compounds in mice plasma were shown in Figure S1, Table S1.

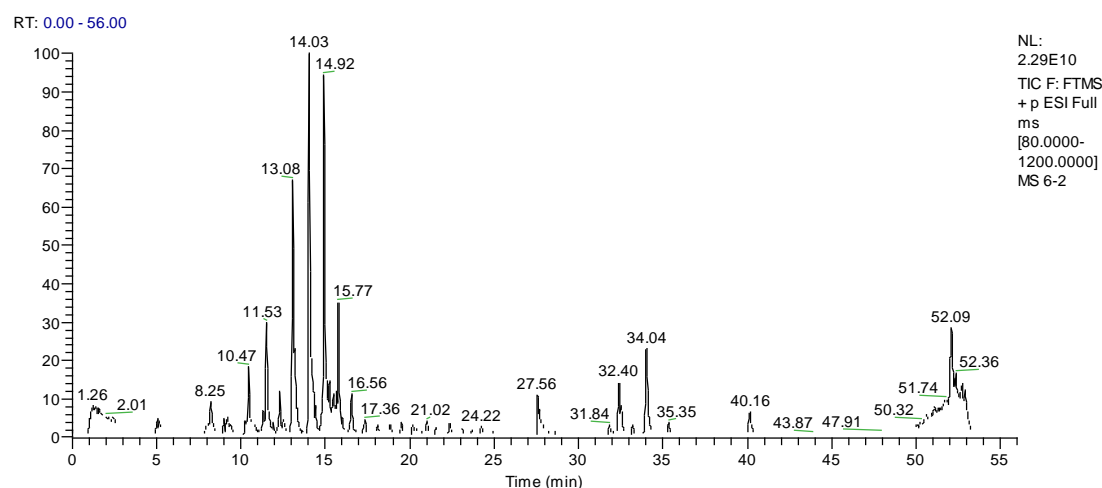


Figure S1. Qualitative identification chromatograms of 9 compounds in mice plasma

Table S1. Qualitative identification of 9 compounds in mice plasma

NO.	Molecular formula	Measured value	Secondary ion	compounds	ESI Mode
1	C ₁₅ H ₁₀ O ₅	271.06	253.04, 123.00	Baicalein	+/-
2	C ₂₁ H ₁₈ O ₁₁	447.09	271.05,253.05,169.01,123.00	Apigenin-7-glucuronide	+/-
3	C ₂₁ H ₁₈ O ₁₁	447.09	271.05,253.04,169.01,123.00	Baicalin	+/-
4	C ₂₂ H ₂₀ O ₁₁	461.10	285.07, 270.05	Oroxylin A 7-O-beta-D-glucuronide	+/-
5	C ₂₂ H ₂₀ O ₁₁	461.10	285.07, 270.05	Wogonoside	+/-
6	C ₁₅ H ₁₀ O ₅	271.05	253.05	Norwogonin	+/-
7	C ₁₆ H ₁₂ O ₅	285.07	270.05, 168.00	Wogonin	+/-
8	C ₁₅ H ₁₀ O ₄	255.06	153.07	Chrysin	+
9	C ₁₆ H ₁₂ O ₅	285.07	270.05, 168.00	Oroxylin A	+/-
10	C ₈ H ₁₃ N ₃ O ₄ S	248.14	121.10, 85.02	Tinidazole (IS)	+

Table S2. Detection results of drug-containing plasma content at different time points (mean \pm SD, $n = 6$).

Time (h)	Baicalein	Apigenin-7-glucuronide	Baicalin	Oroxylin A 7-O-beta-D-glucuronide	Wogonoside	Norwogonin	Wogonin	Chrysin	Oroxylin A
0.083	235.76 \pm 21.97	4725.60 \pm 214.70	2434.28 \pm 151.56	462.93 \pm 10.74	553.37 \pm 9.22	28.17 \pm 2.96	344.59 \pm 1.64	0	13.47 \pm 9.43
0.167	573.93 \pm 23.68	6986.86 \pm 153.57	4607.45 \pm 318.09	603.78 \pm 13.98	1829.58 \pm 102.08	94.18 \pm 5.68	981.37 \pm 13.72	0	745.77 \pm 35.54
0.25	437.59 \pm 15.17	4610.60 \pm 192.08	2031.56 \pm 103.57	143.83 \pm 6.73	928.49 \pm 33.77	23.48 \pm 0.05	471.39 \pm 1.78	0	63.52 \pm 1.32
0.5	243.84 \pm 16.32	4344.98 \pm 173.73	2696.64 \pm 110.33	315.26 \pm 12.78	776.20 \pm 41.04	13.88 \pm 4.73	222.21 \pm 6.76	10.37 \pm 2.12	40.44 \pm 4.81
1	208.98 \pm 14.58	1590.11 \pm 125.69	2474.37 \pm 225.92	138.74 \pm 3.62	1078.05 \pm 63.01	12.42 \pm 7.14	181.04 \pm 4.74	15.38 \pm 4.94	160.88 \pm 15.86
2	25.73 \pm 5.59	2934.42 \pm 221.23	2620.76 \pm 117.82	315.26 \pm 12.78	1333.51 \pm 38.28	0	10.35 \pm 1.79	21.43 \pm 4.86	75.84 \pm 5.43
4	43.00 \pm 8.66	1037.07 \pm 106.48	1587.10 \pm 169.68	412.32 \pm 18.42	1372.78 \pm 53.34	14.29 \pm 9.94	71.39 \pm 17.8	12.37 \pm 2.12	486.23 \pm 8.65
6	792.15 \pm 41.3	9344.98 \pm 327.73	8607.45 \pm 428.09	1008.71 \pm 54.19	3829.58 \pm 182.08	113.88 \pm 4.73	2664.55 \pm 129.18	60.64 \pm 2.86	1063.52 \pm 101.32
8	184.80 \pm 29.24	2958.20 \pm 207.61	1856.98 \pm 113.03	286.84 \pm 8.27	1825.89 \pm 177.13	21.94 \pm 0.43	97.31 \pm 2.71	0	300.68 \pm 17.25
10	120.93 \pm 15.03	896.04 \pm 55.63	569.32 \pm 20.22	160.51 \pm 5.17	318.50 \pm 23.92	16.07 \pm 3.80	14.65 \pm 8.42	0	19.18 \pm 2.56
12	9.28 \pm 5.01	47.32 \pm 11.82	39.89 \pm 7.45	29.40 \pm 0.71	188.85 \pm 19.38	0	3.41 \pm 5.28	0	13.60 \pm 7.94
24	1.42 \pm 5.86	23.55 \pm 2.60	15.44 \pm 5.62	0	0	0	0	0	0