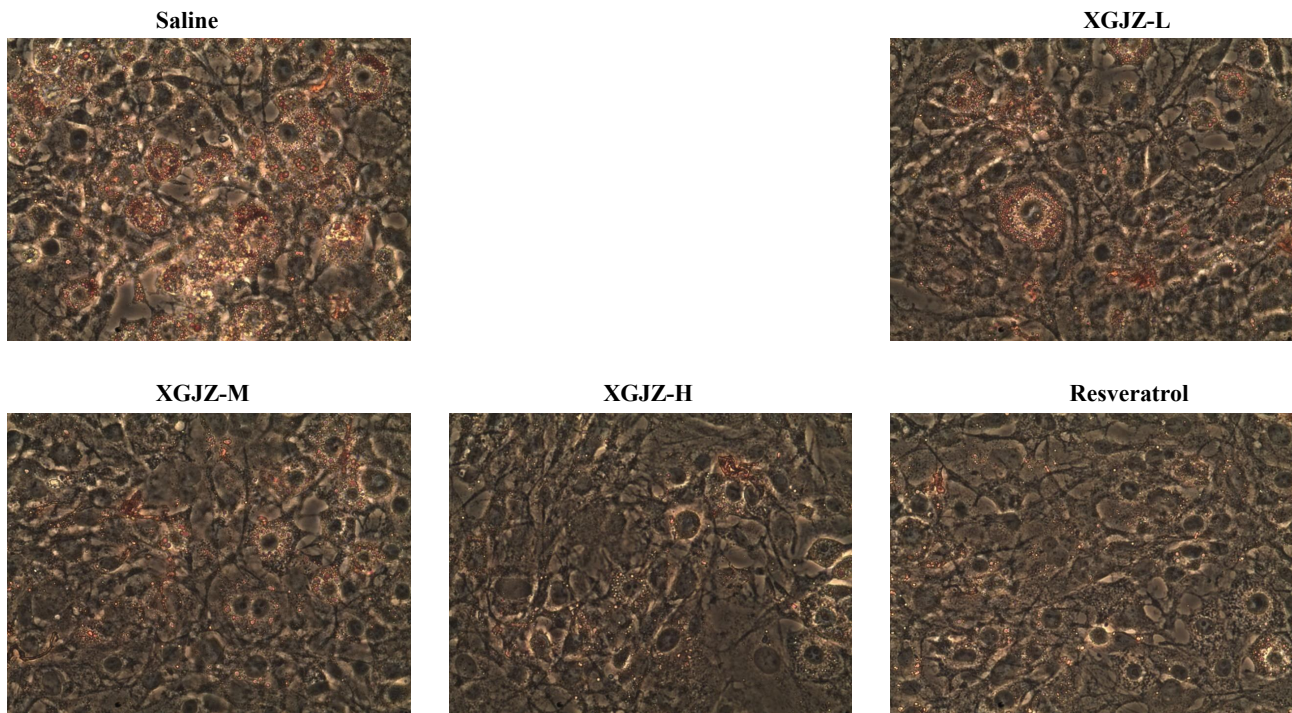
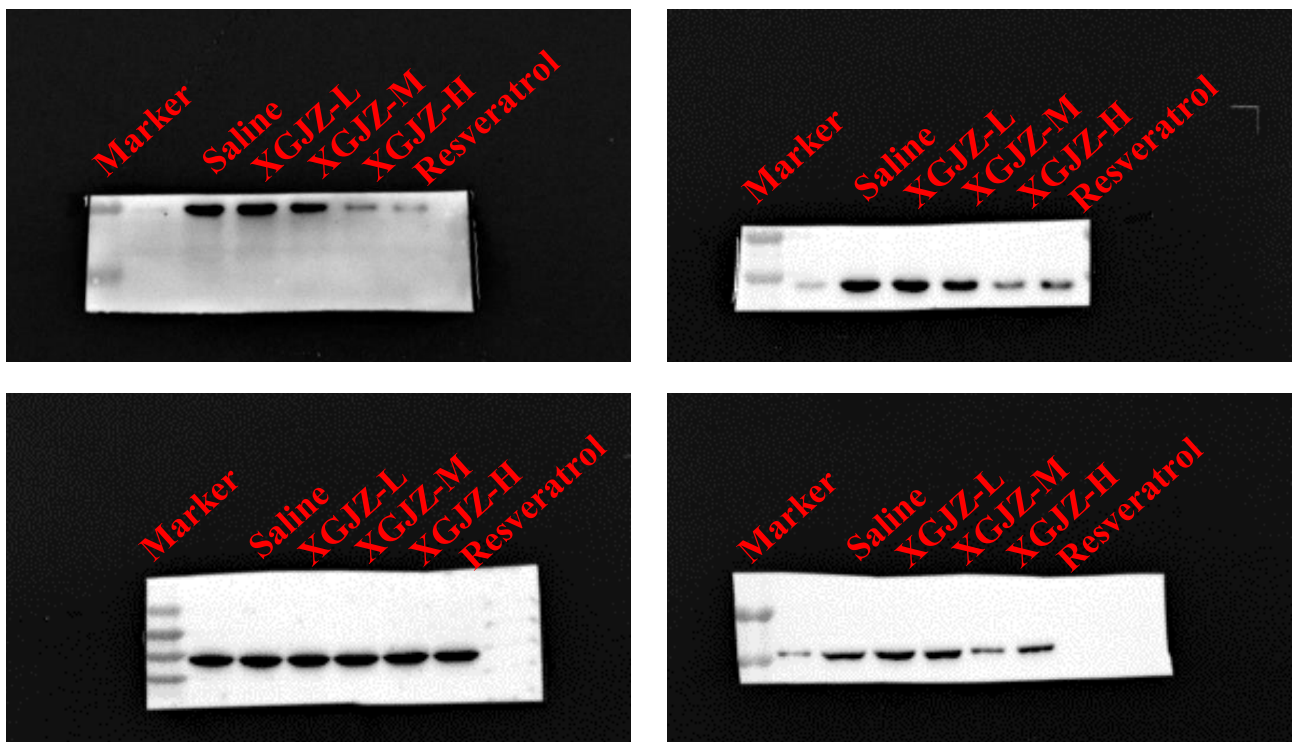


SUPPLEMENTAL MATERIAL

Liang Chen, Yu Han, Jing Li, Chunpeng Feng, Chen Chen, Ting Ye. The inhibitory effects of Xiao-Gao-Jiang-Zhuo-containing serum on adipogenesis in 3T3-L1 preadipocytes (doi: 10.5507/bp.2023.016).



Supplementary Fig. 1. Oil Red O staining in 3T3-L1 adipocytes.



Supplementary Fig. 2. Western blotting of the protein levels of CEBP1/α, PPARγ, and SREBP1 in 3T3-L1 adipocytes.

Supplementary Table 1. *P* values for all statistics.

Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted <i>P</i> Value
Fig 2B					
Saline vs. XGJZ-L	0.3593	0.1306 to 0.5880	Yes	**	0.003
Saline vs. XGJZ-M	0.5667	0.3380 to 0.7954	Yes	****	<0.0001
Saline vs. XGJZ-H	0.9997	0.7710 to 1.228	Yes	****	<0.0001
Saline vs. Resveratrol	1.027	0.7980 to 1.255	Yes	****	<0.0001
XGJZ-L vs. XGJZ-M	0.2073	-0.02138 to 0.4360	No	ns	0.0805
XGJZ-L vs. XGJZ-H	0.6403	0.4116 to 0.8690	Yes	****	<0.0001
XGJZ-L vs. Resveratrol	0.6673	0.4386 to 0.8960	Yes	****	<0.0001
XGJZ-M vs. XGJZ-H	0.433	0.2043 to 0.6617	Yes	***	0.0007
XGJZ-M vs. Resveratrol	0.46	0.2313 to 0.6887	Yes	***	0.0004
XGJZ-H vs. Resveratrol	0.027	-0.2017 to 0.2557	No	ns	0.9944
Fig 3B					
Saline vs. XGJZ-L	-0.02361	-0.3338 to 0.2865	No	ns	0.999
Saline vs. XGJZ-M	0.06382	-0.2463 to 0.3740	No	ns	0.957
Saline vs. XGJZ-H	0.4716	0.1615 to 0.7818	Yes	**	0.0038
Saline vs. Resveratrol	0.3641	0.05398 to 0.6743	Yes	*	0.0206
XGJZ-L vs. XGJZ-M	0.08743	-0.2227 to 0.3976	No	ns	0.8798
XGJZ-L vs. XGJZ-H	0.4952	0.1851 to 0.8054	Yes	**	0.0026
XGJZ-L vs. Resveratrol	0.3877	0.07759 to 0.6979	Yes	*	0.014
XGJZ-M vs. XGJZ-H	0.4078	0.09763 to 0.7179	Yes	*	0.0102
XGJZ-M vs. Resveratrol	0.3003	-0.009843 to 0.6105	No	ns	0.0588
XGJZ-H vs. Resveratrol	-0.1075	-0.4176 to 0.2027	No	ns	0.7827
Fig 3C					
Saline vs. XGJZ-L	0.1311	-0.2243 to 0.4864	No	ns	0.7444
Saline vs. XGJZ-M	0.2761	-0.07929 to 0.6315	No	ns	0.1531
Saline vs. XGJZ-H	0.8234	0.4680 to 1.179	Yes	***	0.0001
Saline vs. Resveratrol	0.6035	0.2481 to 0.9588	Yes	**	0.0017
XGJZ-L vs. XGJZ-M	0.145	-0.2104 to 0.5004	No	ns	0.6732
XGJZ-L vs. XGJZ-H	0.6923	0.3369 to 1.048	Yes	***	0.0006
XGJZ-L vs. Resveratrol	0.4724	0.1170 to 0.8278	Yes	**	0.0095
XGJZ-M vs. XGJZ-H	0.5473	0.1919 to 0.9027	Yes	**	0.0034
XGJZ-M vs. Resveratrol	0.3274	-0.02804 to 0.6827	No	ns	0.0747
XGJZ-H vs. Resveratrol	-0.2199	-0.5753 to 0.1355	No	ns	0.3164
Fig 3D					
Saline vs. XGJZ-L	-0.004001	-0.2185 to 0.2105	No	ns	>0.9999
Saline vs. XGJZ-M	0.08936	-0.1251 to 0.3038	No	ns	0.6573
Saline vs. XGJZ-H	0.3084	0.09388 to 0.5228	Yes	**	0.0056
Saline vs. Resveratrol	0.3237	0.1093 to 0.5382	Yes	**	0.004
XGJZ-L vs. XGJZ-M	0.09337	-0.1211 to 0.3078	No	ns	0.6226
XGJZ-L vs. XGJZ-H	0.3124	0.09788 to 0.5268	Yes	**	0.0051
XGJZ-L vs. Resveratrol	0.3277	0.1133 to 0.5422	Yes	**	0.0036
XGJZ-M vs. XGJZ-H	0.219	0.004517 to 0.4335	Yes	*	0.0449
XGJZ-M vs. Resveratrol	0.2344	0.01990 to 0.4488	Yes	*	0.0311
XGJZ-H vs. Resveratrol	0.01538	-0.1991 to 0.2299	No	ns	0.9992

Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted <i>P</i> Value
Fig 4A					
Control vs. Model	-4.377	-6.652 to -2.102	Yes	***	0.0003
Control vs. XGJZ-L	-3.298	-5.573 to -1.023	Yes	**	0.004
Control vs. XGJZ-M	-1.42	-3.695 to 0.8555	No	ns	0.3501
Control vs. XGJZ-H	0.152	-2.123 to 2.427	No	ns	0.9999
Control vs. Resveratrol	-0.3421	-2.617 to 1.933	No	ns	0.995
Model vs. XGJZ-L	1.079	-1.196 to 3.354	No	ns	0.6177
Model vs. XGJZ-M	2.957	0.6820 to 5.232	Yes	**	0.0092
Model vs. XGJZ-H	4.529	2.254 to 6.804	Yes	***	0.0003
Model vs. Resveratrol	4.035	1.760 to 6.310	Yes	***	0.0007
XGJZ-L vs. XGJZ-M	1.878	-0.3966 to 4.153	No	ns	0.1303
XGJZ-L vs. XGJZ-H	3.45	1.175 to 5.725	Yes	**	0.0028
XGJZ-L vs. Resveratrol	2.956	0.6808 to 5.231	Yes	**	0.0092
XGJZ-M vs. XGJZ-H	1.572	-0.7035 to 3.847	No	ns	0.2579
XGJZ-M vs. Resveratrol	1.077	-1.198 to 3.353	No	ns	0.6187
XGJZ-H vs. Resveratrol	-0.494	-2.769 to 1.781	No	ns	0.9742
Fig 4B					
Control vs. Model	-0.4186	-0.5782 to -0.2591	Yes	****	<0.0001
Control vs. XGJZ-L	-0.3023	-0.4618 to -0.1427	Yes	***	0.0004
Control vs. XGJZ-M	-0.1358	-0.2953 to 0.02374	No	ns	0.1137
Control vs. XGJZ-H	0.0472	-0.1123 to 0.2067	No	ns	0.9113
Control vs. Resveratrol	0.06362	-0.09591 to 0.2231	No	ns	0.7593
Model vs. XGJZ-L	0.1164	-0.04315 to 0.2759	No	ns	0.2136
Model vs. XGJZ-M	0.2829	0.1233 to 0.4424	Yes	***	0.0007
Model vs. XGJZ-H	0.4658	0.3063 to 0.6254	Yes	****	<0.0001
Model vs. Resveratrol	0.4823	0.3227 to 0.6418	Yes	****	<0.0001
XGJZ-L vs. XGJZ-M	0.1665	0.006949 to 0.3260	Yes	*	0.0391
XGJZ-L vs. XGJZ-H	0.3495	0.1899 to 0.5090	Yes	****	<0.0001
XGJZ-L vs. Resveratrol	0.3659	0.2064 to 0.5254	Yes	****	<0.0001
XGJZ-M vs. XGJZ-H	0.183	0.02346 to 0.3425	Yes	*	0.0217
XGJZ-M vs. Resveratrol	0.1994	0.03988 to 0.3589	Yes	*	0.0121
XGJZ-H vs. Resveratrol	0.01642	-0.1431 to 0.1759	No	ns	0.9992
Fig 4C					
Control vs. Model	-458.8	-594.6 to -323.1	Yes	****	<0.0001
Control vs. XGJZ-L	-305.1	-440.9 to -169.4	Yes	****	<0.0001
Control vs. XGJZ-M	-30.88	-166.7 to 104.9	No	ns	0.9687
Control vs. XGJZ-H	46.87	-88.91 to 182.6	No	ns	0.8472
Control vs. Resveratrol	85.36	-50.41 to 221.1	No	ns	0.3429
Model vs. XGJZ-L	153.7	17.93 to 289.5	Yes	*	0.0237
Model vs. XGJZ-M	428	292.2 to 563.7	Yes	****	<0.0001
Model vs. XGJZ-H	505.7	369.9 to 641.5	Yes	****	<0.0001
Model vs. Resveratrol	544.2	408.4 to 680.0	Yes	****	<0.0001
XGJZ-L vs. XGJZ-M	274.3	138.5 to 410.0	Yes	***	0.0002
XGJZ-L vs. XGJZ-H	352	216.2 to 487.8	Yes	****	<0.0001
XGJZ-L vs. Resveratrol	390.5	254.7 to 526.3	Yes	****	<0.0001
XGJZ-M vs. XGJZ-H	77.75	-58.03 to 213.5	No	ns	0.4341
XGJZ-M vs. Resveratrol	116.2	-19.54 to 252.0	No	ns	0.1107
XGJZ-H vs. Resveratrol	38.49	-97.28 to 174.3	No	ns	0.9245

Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Significant?	Summary
Fig 5A-FAT				
Control vs. Model	14.94	10.10 to 19.78	Yes	****
Control vs. XGJZ-L	11.25	6.406 to 16.08	Yes	****
Control vs. XGJZ-M	10.73	5.895 to 15.57	Yes	****
Control vs. XGJZ-H	4.369	-0.4708 to 9.208	No	ns
Control vs. Resveratrol	7.199	2.359 to 12.04	Yes	**
Model vs. XGJZ-L	-3.691	-8.531 to 1.148	No	ns
Model vs. XGJZ-M	-4.202	-9.042 to 0.6371	No	ns
Model vs. XGJZ-H	-10.57	-15.41 to -5.729	Yes	***
Model vs. Resveratrol	-7.738	-12.58 to -2.899	Yes	**
XGJZ-L vs. XGJZ-M	-0.5108	-5.350 to 4.329	No	ns
XGJZ-L vs. XGJZ-H	-6.876	-11.72 to -2.037	Yes	**
XGJZ-L vs. Resveratrol	-4.046	-8.886 to 0.7930	No	ns
XGJZ-M vs. XGJZ-H	-6.366	-11.21 to -1.526	Yes	**
XGJZ-M vs. Resveratrol	-3.536	-8.375 to 1.304	No	ns
XGJZ-H vs. Resveratrol	2.83	-2.009 to 7.669	No	ns
Fig 5A-FATP-1				
Control vs. Model	9.765	7.425 to 12.10	Yes	****
Control vs. XGJZ-L	7.273	4.933 to 9.613	Yes	****
Control vs. XGJZ-M	7.291	4.951 to 9.631	Yes	****
Control vs. XGJZ-H	2.766	0.4264 to 5.106	Yes	*
Control vs. Resveratrol	4.135	1.795 to 6.475	Yes	***
Model vs. XGJZ-L	-2.492	-4.831 to -0.1517	Yes	*
Model vs. XGJZ-M	-2.474	-4.814 to -0.1339	Yes	*
Model vs. XGJZ-H	-6.999	-9.338 to -4.659	Yes	****
Model vs. Resveratrol	-5.63	-7.970 to -3.290	Yes	****
XGJZ-L vs. XGJZ-M	0.01785	-2.322 to 2.358	No	ns
XGJZ-L vs. XGJZ-H	-4.507	-6.847 to -2.167	Yes	***
XGJZ-L vs. Resveratrol	-3.138	-5.478 to -0.7983	Yes	**
XGJZ-M vs. XGJZ-H	-4.525	-6.865 to -2.185	Yes	***
XGJZ-M vs. Resveratrol	-3.156	-5.496 to -0.8162	Yes	**
XGJZ-H vs. Resveratrol	1.369	-0.9710 to 3.709	No	ns
Fig 5B-GPAT				
Control vs. Model	-8.02	-11.23 to -4.806	Yes	****
Control vs. XGJZ-L	-7.195	-10.41 to -3.981	Yes	****
Control vs. XGJZ-M	-4.524	-7.738 to -1.310	Yes	**
Control vs. XGJZ-H	-1.759	-4.973 to 1.455	No	ns
Control vs. Resveratrol	-2.377	-5.591 to 0.8368	No	ns
Model vs. XGJZ-L	0.8252	-2.389 to 4.039	No	ns
Model vs. XGJZ-M	3.496	0.2820 to 6.710	Yes	*
Model vs. XGJZ-H	6.261	3.047 to 9.474	Yes	***
Model vs. Resveratrol	5.643	2.429 to 8.857	Yes	***
XGJZ-L vs. XGJZ-M	2.671	-0.5432 to 5.884	No	ns
XGJZ-L vs. XGJZ-H	5.435	2.222 to 8.649	Yes	**
XGJZ-L vs. Resveratrol	4.818	1.604 to 8.032	Yes	**
XGJZ-M vs. XGJZ-H	2.765	-0.4489 to 5.979	No	ns
XGJZ-M vs. Resveratrol	2.147	-1.067 to 5.361	No	ns
XGJZ-H vs. Resveratrol	-0.6177	-3.831 to 2.596	No	ns

Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Significant?	Summary
Fig 5B-DGAT				
Control vs. Model	-8.744	-11.95 to -5.537	Yes	****
Control vs. XGJZ-L	-7.661	-10.87 to -4.453	Yes	****
Control vs. XGJZ-M	-3.708	-6.916 to -0.5007	Yes	*
Control vs. XGJZ-H	-1.545	-4.753 to 1.663	No	ns
Control vs. Resveratrol	-1.871	-5.079 to 1.336	No	ns
Model vs. XGJZ-L	1.083	-2.124 to 4.291	No	ns
Model vs. XGJZ-M	5.036	1.828 to 8.244	Yes	**
Model vs. XGJZ-H	7.199	3.992 to 10.41	Yes	****
Model vs. Resveratrol	6.873	3.665 to 10.08	Yes	***
XGJZ-L vs. XGJZ-M	3.953	0.7450 to 7.160	Yes	*
XGJZ-L vs. XGJZ-H	6.116	2.908 to 9.324	Yes	***
XGJZ-L vs. Resveratrol	5.79	2.582 to 8.997	Yes	***
XGJZ-M vs. XGJZ-H	2.163	-1.044 to 5.371	No	ns
XGJZ-M vs. Resveratrol	1.837	-1.371 to 5.045	No	ns
XGJZ-H vs. Resveratrol	-0.3264	-3.534 to 2.881	No	ns
Fig 5C-ATGL				
Control vs. Model	10.74	5.745 to 15.73	Yes	***
Control vs. XGJZ-L	8.323	3.331 to 13.32	Yes	**
Control vs. XGJZ-M	7.625	2.633 to 12.62	Yes	**
Control vs. XGJZ-H	1.842	-3.150 to 6.834	No	ns
Control vs. Resveratrol	3.397	-1.595 to 8.389	No	ns
Model vs. XGJZ-L	-2.414	-7.406 to 2.578	No	ns
Model vs. XGJZ-M	-3.112	-8.104 to 1.880	No	ns
Model vs. XGJZ-H	-8.896	-13.89 to -3.904	Yes	***
Model vs. Resveratrol	-7.34	-12.33 to -2.348	Yes	**
XGJZ-L vs. XGJZ-M	-0.698	-5.690 to 4.294	No	ns
XGJZ-L vs. XGJZ-H	-6.481	-11.47 to -1.489	Yes	**
XGJZ-L vs. Resveratrol	-4.926	-9.918 to 0.06640	No	ns
XGJZ-M vs. XGJZ-H	-5.783	-10.78 to -0.7912	Yes	*
XGJZ-M vs. Resveratrol	-4.228	-9.220 to 0.7644	No	ns
XGJZ-H vs. Resveratrol	1.556	-3.437 to 6.548	No	ns
Fig 5C-HSL				
Control vs. Model	12.46	7.799 to 17.13	Yes	****
Control vs. XGJZ-L	9.418	4.754 to 14.08	Yes	***
Control vs. XGJZ-M	9.523	4.860 to 14.19	Yes	***
Control vs. XGJZ-H	3.117	-1.547 to 7.781	No	ns
Control vs. Resveratrol	5.576	0.9122 to 10.24	Yes	*
Model vs. XGJZ-L	-3.045	-7.708 to 1.619	No	ns
Model vs. XGJZ-M	-2.939	-7.603 to 1.724	No	ns
Model vs. XGJZ-H	-9.346	-14.01 to -4.682	Yes	***
Model vs. Resveratrol	-6.887	-11.55 to -2.223	Yes	**
XGJZ-L vs. XGJZ-M	0.1053	-4.558 to 4.769	No	ns
XGJZ-L vs. XGJZ-H	-6.301	-10.96 to -1.637	Yes	**
XGJZ-L vs. Resveratrol	-3.842	-8.506 to 0.8213	No	ns
XGJZ-M vs. XGJZ-H	-6.406	-11.07 to -1.743	Yes	**
XGJZ-M vs. Resveratrol	-3.948	-8.611 to 0.7160	No	ns
XGJZ-H vs. Resveratrol	2.459	-2.205 to 7.122	No	ns

Supplementary Table 2. Raw data of Figures 2–5.**Fig. 2B Lipid droplet storage in 3T3-L1 adipocytes**

	Control	Model	XGJZ-L	XGJZ-M	XGJZ-H	Resveratrol
OD _{490nm}	0.658	1.575	1.237	1.087	0.515	0.622
	0.577	1.649	1.351	0.984	0.729	0.586
	0.665	1.561	1.119	1.014	0.542	0.497

Fig. 2C Cell viability

OD _{450nm}	Control			Model			XGJZ-L			XGJZ-M			XGJZ-H			Fenofibrate		
0	0.315	0.236	0.283	0.269	0.311	0.287	0.331	0.249	0.305	0.261	0.318	0.267	0.296	0.324	0.274	0.251	0.229	0.326
24	0.733	0.756	0.636	0.329	0.372	0.408	0.457	0.545	0.412	0.556	0.608	0.615	0.645	0.588	0.712	0.608	0.669	0.547
48	1.249	1.124	1.347	0.541	0.433	0.499	0.629	0.613	0.684	0.756	0.791	0.759	0.942	1.119	0.991	0.965	0.939	1.016
72	1.712	1.664	1.519	0.679	0.767	0.543	0.908	0.804	0.968	1.114	1.017	1.201	1.466	1.537	1.397	1.448	1.139	1.367

Fig 3B Semi-quantitative analysis of PPAR γ protein levels

Saline	XGJZ-L	XGJZ-M	XGJZ-H	Resveratrol
0.97	0.73	0.76	0.42	0.45
0.89	0.98	0.88	0.39	0.58
0.65	0.88	0.68	0.29	0.39

Fig 3C Semi-quantitative analysis of C/EBP α protein levels

Saline	XGJZ-L	XGJZ-M	XGJZ-H	Resveratrol
1.15	1.25	0.85	0.54	0.62
1.22	1.15	0.94	0.41	0.80
1.37	0.95	1.12	0.32	0.51

Fig 3D Semi-quantitative analysis of SREBP1 protein levels

Saline	XGJZ-L	XGJZ-M	XGJZ-H	Resveratrol
0.49	0.54	0.38	0.23	0.23
0.63	0.59	0.43	0.16	0.12
0.51	0.51	0.56	0.32	0.31

Fig.4A Cellular TG contents

	OD _{450nm}		OD Mean value	Protein concentration mg/ml	TG concentration nM/mg
Control	0.223	0.241	0.232	0.6830856	2.8749217
	0.279	0.273	0.276	0.8288087	2.8088471
	0.336	0.329	0.3325	0.7130153	3.9208642
Model	0.711	0.715	0.713	0.8189957	7.25884
	0.697	0.628	0.6625	0.8180144	6.7565807
	0.742	0.759	0.7505	0.7174311	8.7190789
Low-dose	0.667	0.645	0.656	0.6850482	7.9894828
	0.549	0.531	0.54	0.8273367	5.4549399
	0.507	0.532	0.5195	0.7174311	6.0540972
Middle-dose	0.462	0.434	0.448	0.8214489	4.56706
	0.411	0.415	0.413	0.8798363	3.9347304
	0.501	0.519	0.51	0.7954445	5.3614907
High-dose	0.248	0.266	0.257	0.6943706	3.1261948
	0.312	0.324	0.318	0.8405843	3.1830508
	0.218	0.293	0.2555	0.7601177	2.8394583
Fenofibrate	0.279	0.286	0.2825	0.8386217	2.8401318
	0.353	0.368	0.3605	0.7444169	4.0667892
	0.346	0.395	0.3705	0.8351871	3.7239014

Fig.4B Cellular FFA contents

	OD ₅₅₀	Protein concentration mg/ml	FFA concentration nM/mg
Blank	0.085		
Control	0.478	0.6830856	0.4046676
	0.511	0.8288087	0.3592671
	0.416	0.7130153	0.3314476
Model	0.952	0.8189957	0.7117967
	0.986	0.8180144	0.7395301
	1.049	0.7174311	0.9000004
Low-dose	0.815	0.6850482	0.7216434
	0.828	0.8273367	0.6076941
	0.797	0.7174311	0.672845
Middle-dose	0.726	0.8214489	0.5317485
	0.713	0.8798363	0.4869055
	0.646	0.7954445	0.4840919
High-dose	0.449	0.6943706	0.3710818
	0.416	0.8405843	0.2811464
	0.405	0.7601177	0.30155
Fenofibrate	0.437	0.8386217	0.2979984
	0.456	0.7444169	0.3522156
	0.379	0.8351871	0.2543134

Fig.4B Cellular Glycerin contents

	OD ₅₅₀	Protein concentration mg/ml	Glycerin concentration nM/mg
Control	0.525	0.6830856	331.28132
	0.557	0.8288087	295.60664
	0.492	0.7130153	290.31783
Model	1.234	0.8189957	782.4084
	1.175	0.8180144	741.18076
	1.083	0.7174311	770.12477
Low-dose	0.953	0.6850482	695.58735
	0.927	0.8273367	557.58525
	0.849	0.7174311	579.44293
Middle-dose	0.648	0.8214489	363.01925
	0.587	0.8798363	298.39637
	0.612	0.7954445	348.4284
High-dose	0.515	0.6943706	317.47789
	0.537	0.8405843	277.55569
	0.374	0.7601177	181.57173
Fenofibrate	0.397	0.8386217	180.60843
	0.485	0.7444169	272.57403
	0.435	0.8351871	207.95065

Fig.5A Enzyme activity of FAT (cpm/m/protein)

Control	Model	Low-dose	Middle-dose	High-dose	Fenofibrate
37.236914 29.362628 31.034399	27.194284 32.131466 35.030542	34.22825 31.42131 33.07913	29.90813 28.52804 26.70708	34.03946 32.88665 33.87897	29.23368 33.44363 27.76863
31.492393 32.210089 36.307779	22.461658 20.723353 27.18031	27.92796 24.10627 27.13013	27.936 26.70042 27.79327	35.09941 29.38908 29.04287	28.72809 32.04119 26.93528
35.058564 33.600035 35.842151	11.951223 14.146451 12.104298	19.36798 15.44716 19.87647	19.76021 19.28995 22.00028	33.94153 26.11041 27.16948	26.20013 26.09291 25.70442
34.976583 29.208189 37.121226	7.2185976 7.7358056 6.3337093	14.26469 10.70423 10.95576	13.80975 14.19355 18.01257	25.30061 23.24574 20.92308	19.67514 20.25209 20.9917

Fig.5B Enzyme activity of FATP (cpm/m/protein)

Control	Model	Low-dose	Middle-dose	High-dose	Fenofibrate
21.039823 16.153306 20.375441	16.097766 17.921446 17.768954	20.17376 19.10709 19.85417	18.29937 15.13463 15.67426	20.15062 15.57964 20.02322	16.03584 20.54763 18.62577
19.002011 19.184163 19.949082	11.41398 10.557272 11.613659	14.70845 11.01365 15.73949	13.0209 13.17973 14.95013	18.53765 16.97391 16.33958	14.60015 17.50095 16.1832
18.902463 18.561582 20.874729	6.974396 5.5500249 5.9434279	9.237306 8.66878 7.956165	9.232467 6.251163 9.619779	16.61361 15.79378 14.61879	11.13732 13.89544 10.50304
20.542081 18.542278 18.563418	4.0830498 2.8312462 3.7578521	6.463779 5.216739 6.272379	6.895134 6.155691 7.784327	15.9857 14.07592 13.80313	10.77005 12.8154 10.45514

Fig.5C Enzyme activity of GPAT (cpm/m/protein)

Control	Model	Low-dose	Middle-dose	High-dose	Fenofibrate
8.1746709 9.5462324 9.6716024	9.7241054 6.567122 9.004349	9.616842 9.326312 7.264809	7.659637 6.042033 9.891326	10.89332 6.785756 8.572357	7.98453 10.15023 8.323883
11.084994 6.4236781 9.3742736	14.461615 13.124464 13.297444	15.46169 11.41494 13.56507	11.29224 11.07024 11.3446	11.02005 9.588569 8.293453	10.12614 10.49949 10.80955
11.699851 7.4033976 6.8161235	15.907288 17.588933 22.993149	21.91379 14.96368 17.37867	15.74778 15.3574 17.94217	11.82654 10.39753 12.40334	10.72713 13.25601 12.04042
9.673751 9.0491334 7.2200419	23.907331 29.060615 26.73985	23.83482 20.58654 27.14686	19.54108 17.56691 16.97164	13.572 11.78704 12.10865	13.46495 14.57248 12.70613

Fig.5D Enzyme activity of DGAT (cpm/m/protein)

Control	Model	Low-dose	Middle-dose	High-dose	Fenofibrate
6.939101 7.4950955 7.1583322	7.291858 9.1636534 6.1831722	7.152781 6.062828 9.751459	7.771634 7.696887 7.085347	7.771067 6.362242 9.961616	6.897032 9.25288 5.694532
9.404385 7.0993468 7.6520102	13.02571 12.449659 15.265577	13.05602 11.3811 13.86614	10.53748 8.597054 10.39419	7.822912 8.132439 9.614301	6.720552 10.17172 9.755898
10.944456 6.9352558 7.0629625	18.808403 17.564484 21.041742	21.29485 16.82991 18.20384	13.69288 12.70691 11.98324	11.08918 10.2167 10.86674	10.07367 12.72943 10.89576
10.399868 6.89182 7.72494	26.486099 23.608388 29.750592	24.31946 22.54463 23.17714	17.52513 14.89368 17.32365	12.20098 8.817677 11.39297	11.91002 13.72349 10.3402

Fig.5E Enzyme activity of AGTL (cpm/m/protein)

Control	Model	Low-dose	Middle-dose	High-dose	Fenofibrate
27.920366 24.010367 24.319255	20.957376 22.757547 27.30297	27.75863 19.46003 27.13571	22.1365 21.9359 24.81129	25.39278 20.09079 26.11701	23.22382 23.35788 20.21583
25.045177 22.90034 23.387999	16.014737 14.747908 15.962508	19.88181 15.23443 18.27632	19.43882 17.65328 18.13829	26.5161 19.67679 23.05433	22.5179 22.26172 19.35854
25.455082 22.08953823.466539	9.191746 9.5010558 12.650692	13.63992 11.67119 11.39064	13.59062 11.66581 14.25618	23.7222 20.24306 20.71785	20.43353 22.43904 18.09415
23.756905 20.05288 27.146684	4.2149186 3.7603252 3.6407677	10.5394 6.401263 8.285116	11.52598 12.16135 10.73614	23.92383 18.37769 19.61802	17.08041 20.59061 19.21007

Fig.5F Enzyme activity of HSL

Control	Model	Low-dose	Middle-dose	High-dose	Fenofibrate
31.193748 28.093336 31.915166	29.147896 27.994619 32.688853	31.27371 28.71382 30.02379	30.22951 25.85026 27.3256	29.59803 26.18655 29.948	26.34323 28.71509 27.21306
34.449562 27.24875 28.801628	20.576422 18.513123 24.370284	26.03029 21.07002 25.90353	23.60707 22.83607 23.52396	30.31811 25.90579 26.4538	24.54504 26.10903 24.55977
31.02393 27.084659 30.310712	12.39567 10.63062 11.524452	16.58861 14.90083 15.13734	15.85004 17.65783 17.25325	28.40558 22.0085 26.21699	22.57037 23.95969 22.5674
31.129334 27.95820228.588449	7.5458276 6.3715264 6.4842464	13.65743 10.56402 10.91673	14.52555 11.46577 13.39126	27.50693 21.68016 26.16437	19.81823 22.54651 21.93999