

Table S1. Total fatty acid composition of RBE4 endothelial cells after OGD/ogR treatment for 1 and 24 h.

	$\mu\text{g}/\text{mg Prot}$						$\mu\text{g}/10^6 \text{ Cells}$					
	CTRL		ogR1h		ogR24h		CTRL		ogR1h		ogR24h	
	mean	$\pm\text{S.E.}$	mean	$\pm\text{S.E.}$	mean	$\pm\text{S.E.}$	mean	$\pm\text{S.E.}$	mean	$\pm\text{S.E.}$	mean	$\pm\text{S.E.}$
C16:0	31.909	3.671	37.291	6.334	40.902	12.214	4.437	0.416	6.809	1.096	6.645	1.096
C16:1	11.511	1.197	13.035	1.697	12.076	4.566	1.603	0.135	2.380	0.290	1.919	0.459
C18:0	22.208	2.396	25.879	4.125	28.823	7.358	3.096	0.280	4.721	0.700	4.727	0.577
C18:1	85.942	9.884	99.709	12.892	109.430	31.817	12.044	1.301	18.223	2.272	17.761	2.688
C18:2	9.011	1.270	9.995	1.024	10.532	2.636	1.249	0.147	1.827	0.181	1.726	0.193
C18:3 n-3	0.913	0.146	0.942	0.196	1.204	0.497	0.124	0.013	0.171	0.032	0.190	0.052
C20:3	1.932	0.175	2.329	0.138	2.797	0.705	0.273	0.027	0.425	0.022	0.458	0.052
C20:4 n-6	10.122	0.662	14.042	0.462	15.110	2.005	1.450	0.169	2.579	0.207	2.550	0.062
C20:5	1.054	0.167	1.893	0.235	1.653	0.496	0.155	0.031	0.343	0.029	0.267	0.042
C22:5	4.279	0.297	5.934	0.704	6.761	1.822	0.601	0.041	1.084	0.123	1.103	0.144
C22:6	4.818	0.291	7.046	0.366	7.676	1.416	0.691	0.080	1.292	0.100	1.279	0.071
Total FA	183.698	19.415	218.095	27.379	236.964	65.476	25.722	2.511	39.855	4.809	38.625	5.363

Data are reported as mean $\pm$ S.E. from three independent experiments, bold numbers indicate a significant statistical difference vs.

Control ($p < 0.05$).