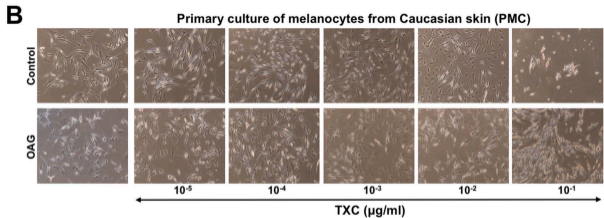
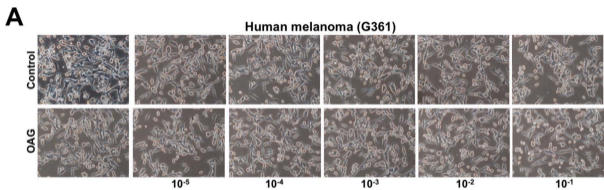
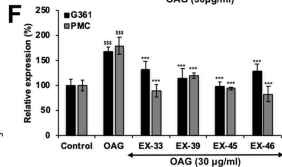
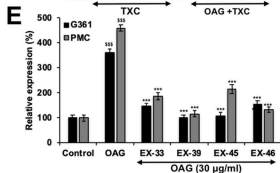
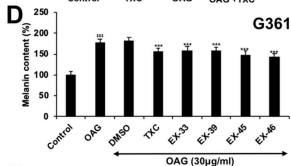
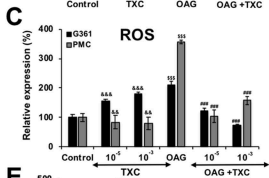
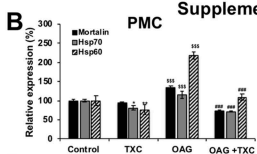
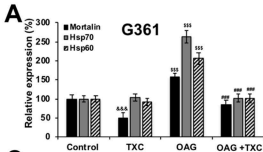
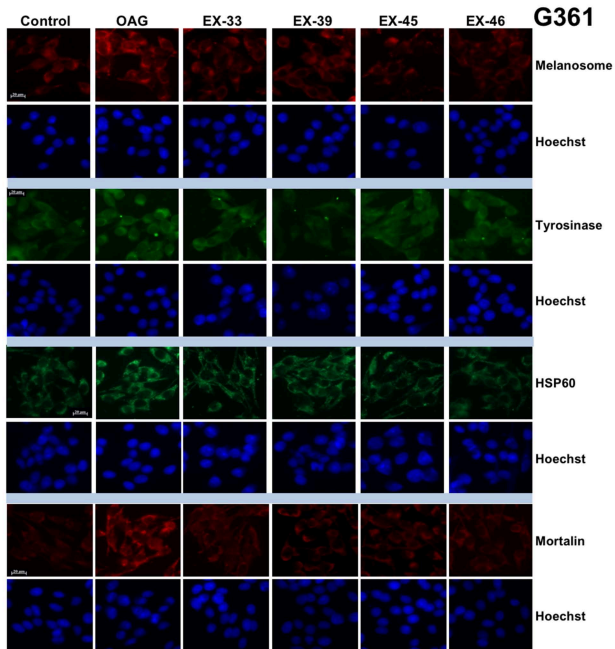


Supplementary Fig. 1

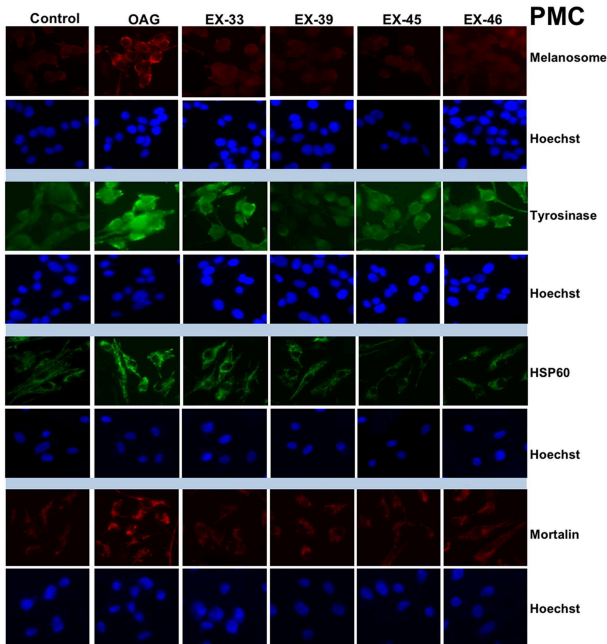


Supplementary Fig. 2





Supplementary Fig. 4



Supplementary Fig. 5

Supplementary Table 1. Extracts and Ingredients Tested for Their Effect on OAG-induced Melanogenesis

Sr. Number	Reagent ID	Name	Sr. Number	Reagent ID	Name
1	R-01	Hyperoside	21	R-21	Embelin
2	R-02	Quercetin 4'-glucoside	22	R-22	Trans-4-(Aminomethyl) cyclohexanecarboxylic acid hexadecyl ester hydrochloride (TXC)
3	R-03	Licochalcone A	23	R-23	Tetraethylene glycol (TTEG)
4	R-04	Xanthohumol	24	R-24	Pentaethylene glycol (PEG)
5	R-05	Luteolin	25	R-25	Triethylene glycol dimethyl ether (TEGdmE)
6	R-06	Tectorigenin	26	R-26	Triethylene glycol monobutyl ether
7	R-07	5,7-Dimethoxyflavone	27	R-27	Creatine
8	R-08	Tectorigenin 7-o-xylosylglucoside	28	R-28	Epolactaene
9	R-09	Daidzein	29	R-29	Trifluoromethoxy carbonylcyanide phenylhydrazone
10	R-10	Soyasaponin I	30	R-30	Tetraethylene glycol dimethyl ether
11	R-11	Soyasapogenol A	31	R-31	Triethylene glycol dimethacrylate
12	R-12	Ginkgolide A	32	R-32	Tetraethylene glycol dimethacrylate
13	R-13	Glycyrrhizinic acid	33	EX-33	<i>Glycyrrhiza glabra</i> extract
14	R-14	Deacylgymnemic acid	34	R-34	Tranexamic acid (TXA)
15	R-15	Ganoderic acid A	35	EX-35	Tea flower extract
16	R-16	Corosolic acid	36	EX-36	Mushroom extract
17	R-17	Bilobalide	37	R-37	Rucinol
18	R-18	Verbascosid	38	EX-39	<i>Prunus mume</i> extract
19	R-19	Geniposide	39	EX-45	<i>Scutellaria baicalensis georgi</i> extract
20	R-20	6-Gingerol	40	EX-46	<i>Camellia sinensis</i> extract