

Additional file 2. Outcomes of studies

Study	Outcome
Ye et al.2018	e-cigarette smoker: PGE-2 (pg/ml):344.19±172.19 IL-1β (pg/ml):182.31±100.90 cigarette smoker: PGE-2 (pg/ml):588.72±207.87 IL-1β (pg/ml):350.69±364.96
Verma et al. 2021	e-cigarette smoker: IL1 β (pg/ml):2.82±1.53 IL6(pg/ml):1.66±1.46 IL8(pg/ml):1.25±0.78 IL10(pg/ml):26.42±24.82 IL1RA(pg/ml):217.37±82.11 CRP(pg/ml):7238.13±4863.69 TNFα (pg/ml):30.39±5.67 cigarette smoker: IL1β (pg/ml):1.41±1.52 IL6(pg/ml):2.02±1.69 IL8(pg/ml):1.19±0.59 IL10(pg/ml):30.60±30.33 IL1RA(pg/ml):245.17±92.34 CRP(pg/ml):7310.08±4526.14 TNFα (pg/ml):11.34±3.17
Miluna et al. 2022	e-cigarette smoker: IL-6 (pg/ml): 107.39±92.37 IL-1β (pg/ml): 78.71±70.92 IL-8 (pg/ml): 445.09±135.12 TNFα (pg/ml): 66.60±181.63 cigarette smoker: IL-6 (pg/ml): 49.69±94.59 IL-1β (pg/ml): 59.00±82.17 IL-8 (pg/ml): 355.52±120.67 TNFα (pg/ml): 66.59±92.44
Mokeem et al. 2018	e-cigarette smoker: IL-1β (pg/ml):21.212±3.94 IL-6 (pg/ml):16.466±1.99 cigarette smoker: IL-1β (pg/ml):115.758±7.57

	IL-6 (pg/ml):104.283±3.74
Faridoun et al. 2021	<p>e-cigarette smoker:  IL1β (pg/ml): 2.84±1.51  IL6(pg/ml): 1.68±1.48  IL8(pg/ml): 1.27±0.80  IL10(pg/ml): 28.44±28.80  IL1RA(pg/ml): 215.39±86.09  CRP(pg/ml): 7236.15±4867.67  TNFα (pg/ml): 28.41±19.17</p> <p>cigarette smoker:  IL1β (pg/ml): 1.39±1.54  IL6(pg/ml): 1.81±1.71  IL8(pg/ml): 1.28±0.67  IL10(pg/ml): 23.15±34.31  IL1RA(pg/ml): 245.58±96.32  CRP(pg/ml): 7308.10±3486.62  TNFα (pg/ml): 30.42±4.15</p>
Ali et al.2022	<p>e-cigarette smoker:  IL15 (pg/ml): 174.7±19.2  IL18 (pg/ml): 2793.1±196.4</p> <p>cigarette smoker:  IL15 (pg/ml): 189.5±26.7  IL18 (pg/ml): 2869.8±285.6</p>
Kamal et al.2022	<p>e-cigarette smoker:  IL-1β (pg/ml): 10.58016  TGF-β (pg/ml): 36.75000</p> <p>cigarette smoker:  IL-1β (pg/ml): 27.12906  TGF-β (pg/ml): 131.22308</p>