Table S1. Antioxidant system activity, hormonal, cytokine status and free amino acid content in saliva depending on breast cancer phenotype.

Indicator	**Lum A** n=61	**Lum B(-)** n=57	**Lum B(+)** n=33	**Non-Lum** n=30	**TNBC** n=41
8-OHdG, pg/mL	196.4 [106.0; 562.3] -	174.9 [154.6; 265.4] -	277.2 [196.4; 746.2] *p*=0.0419	477.7 [222.2; 1454.6] *p*=0.0167	250.4 [116.9; 636.2] -
CRP, mU/mL	0.362 [0.206; 0.428] *p*=0.0027	0.160 [0.128; 0.290] -	0.206 [0.138; 0.333] -	0.125 [0.109; 0.180] -	0.142 [0.111; 0.177] -
Cytokines					
IL-1β, pg/mL	154.6 [70.30; 311.8] *p*=0.0004	107.3 [27.01; 303.4] *p*=0.0407	146.0 [43.63; 250.8] *p*=0.0092	102.3 [21.78; 199.7] *p*=0.0502	60.57 [11.46; 354.6] p=0.1831
IL-4, pg/mL	2.28 [1.59; 2.99] *p*=0.0069	2.20 [1.67; 3.24] *p*=0.0052	3.35 [2.36; 5.08] *p*=0.0006	3.31 [1.86; 4.59] *p*=0.0015	2.81 [1.88; 3.96] *p*=0.0004
IL-10, pg/mL	4.56 [3.30; 7.74] *p*=0.0000	4.47 [2.80; 5.30] *p*=0.0000	5.93 [4.35; 7.86] *p*=0.0000	5.46 [3.91; 7.33] *p*=0.0000	4.32 [3.05; 6.47] *p*=0.0000
IL-18, pg/mL	85.00 [43.06; 167.5] -	72.27 [26.14; 132.9] -	78.18 [46.59; 119.3] -	54.66 [31.14; 90.68] -	48.75 [25.00; 86.82] -
Hormones					
Estradiol, nmol/L	2.59 [2.17; 3.14] *p*=0.0350	2.79 [2.49; 3.17] -	2.87 [2.47; 3.34] -	3.99 [3.40; 4.93] -	3.14 [2.79; 3.85] -
Progesterone, nmol/L	1.91 [1.65; 2.49] *p*=0.0147	2.39 [1.58; 2.87] -	2.40 [2.17; 2.59] -	2.90 [2.53; 3.96] -	2.88 [2.42; 3.43] -
Antioxidant system activity					
CAT, nkat/L	3.70 [2.68; 5.59] *p*=0.0201	3.48 [2.34; 5.71] *p*=0.0036	2.98 [2.44; 5.00] *p*=0.0130	3.76 [2.66; 5.70] -	4.06 [2.64; 6.39] -
SOD, c.u.	65.8 [31.6; 113.2] -	75.0 [31.6; 139.5] -	90.8 [44.7; 236.8] *p*=0.0099	77.6 [44.7; 136.8] -	72.4 [32.9; 136.8] -
NO, μmol/L	31.8 [20.9; 42.8] *p*=0.0003	27.7 [18.0; 46.0] *p*=0.0040	27.0 [16.5; 37.4] -	25.6 [13.5; 39.1] -	29.6 [17.7; 43.9] *p*=0.0176
MDA, μmol/L	6.50 [5.30; 7.95]	7.09 [5.73; 8.97]	6.37 [4.87; 8.Ю38]	6.97 [5.26; 9.83]	7.69 [5.73; 10.13]

	-	*p*=0.0310	-	-	*p*=0.0115
GGT, U/L	23.1 [20.0; 26.8] *p*<0.0001	22.8 [19.6; 25.9] *p*<0.0001	22.9 [20.0; 26.2] *p*<0.0001	21.7 [18.4; 23.8] *p*=0.0054	22.6 [19.3; 24.9] *p*<0.0001
Amino acids					
Cys, nmol/L	1.59 [1.35; 2.99] -	1.67 [0.70; 26.21] -	1.14 [0.86; 2.26] -	0.95 [0.42; 1.91] *p*=0.0296	1.15 [0.33; 6.79] -
Met, nmol/L	6.96 [5.98; 8.61] *p*=0.0003	6.21 [3.80; 8.81] *p*=0.0245	4.00 [2.60; 5.79] -	5.19 [3.82; 7.12] -	4.91 [3.32; 7.02] -
His, nmol/L	30.94 [21.00; 42.43] -	18.69 [14.46; 39.91] -	18.46 [12.77; 25.39] *p*=0.0155	15.97 [10.08; 25.77] *p*=0.0123	20.09 [12.81; 28.08] -
Arg, nmol/L	6.57 [2.44; 22.46] *p*=0.0132	9.90 [6.40; 16.79] *p*=0.0142	10.92 [6.03; 17.38] *p*=0.0002	10.34 [6.31; 21.33] *p*=0.0013	11.13 [5.95; 33.22] *p*=0.0309

Note. P-values (in red) are shown for comparison with healthy controls.