

406 Supplementary Table I. Analysis of TNF- α , IL-17A, IL-17E, IL-17F concentrations
 407 according to disease stage.

		Median	Min	Max	p Kruskal-Wallis ANOVA
IL-17A (pg/ml)	I-II	0.00	0.00	3.30	<0.001
	III	2.02	0.00	5.69	
	IV	15.11	0.00	98.85	
IL-17E (ng/ml)	I-II	0.07	0.00	0.09	0.25
	III	0.07	0.00	0.07	
	IV	0.075	0.00	0.08	
IL 17F (ng/ml)	I-II	0.006	0.00	0.01	<0.01
	III	0.009	0.01	0.05	
	IV	0.012	0.00	0.08	
TNF- α (pg/ml)	I-II	14.65	0.00	49.47	<0.01
	III	36.35	6.53	198.67	
	IV	55.62	5.48	672.07	

408

409 Supplementary Table II. Statistically significant relationships between cytokine levels and T
 410 (size or direct extent of the primary tumor) parameter.

		Median	Min	Max	p Kruskal-Wallis ANOVA
	T1-T2	1.00	0.00	12.42	<0.001

IL-17A (pg/ml)	T3	2.62	0.00	5.23	<0.05
	T4	18.30	0.00	98.85	
TNF- α (pg/ml)	T1-T2	29.24	0.00	198.67	
	T3	33.39	7.95	96.09	
	T4	66.84	0.00	672.07	

411

412

413 Supplementary Table III. Statistically significant relationships between cytokine levels and N

414 (degree of spread to regional lymph nodes) parameter.

		Median	Min	Max	P Kruskal-Wallis ANOVA
IL-17A (pg/ml)	N0	1.41	0.00	61.44	<0.01
	N1	0.00	0.00	5.69	
	N2-N3	11.10	0.00	98.85	
IL 17F (ng/ml)	N0	0.007	0.00	0.05	<0.05
	N1	0.015	0.005	0.02	
	N2-N3	0.012	0.00	0.08	
TNF- α (pg/ml)	N0	29.81	0.00	385.18	<0.05
	N1	92.77	42.01	240.13	
	N2-N3	40.04	0.00	672.07	

415

416 Supplementary Table IV. Relationship between the levels of cytokines tested and the results

417 of bacteriological cultures from the oral cavity. (1) Aerobic culture, (2) Anaerobic culture,

418 (+) positive, (-) negative.

			Median	Min	Max	p
IL-17A (pg/ml)	1	+	5.69	0.00	48.60	0.01
		-	20.40	0.71	98.85	
	2	+	15.91	0.71	98.85	0.35
		-	13.25	0.00	55.60	
IL-17E (ng/ml)	1	+	0.07	0.00	0.10	0.67
		-	0.07	0.00	0.08	
	2	+	0.07	0.07	0.08	0.31
		-	0.07	0.00	0.10	
IL 17F (ng/ml)	1	+	0.01	0.00	0.10	0.93
		-	0.01	0.00	0.06	
	2	+	0.01	0.00	0.02	0.06
		-	0.01	0.00	0.10	
TNF- α (pg/ml)	1	+	121.77	10.92	1179.80	0.04
		-	50.09	0.00	263.49	
	2	+	27.86	0.00	1179.76	0.42
		-	64.92	0.28	372.70	

422 Supplementary Table V. Correlations between salivary concentration of examined cytokines.

423

All patients				
	IL-17A (pg/ml)	IL-17E (ng/ml)	IL 17F (ng/ml)	TNF- α (pg/ml)
IL-17A (pg/ml)	-	R=0.17 NS	R=0.29 p=0.03	R=0.17 NS
IL-17E (ng/ml)	-	-	R=-0.15 NS	R=-0.05 NS
IL 17F (ng/ml)	-	-	-	R=-0.007 NS
Stage I+II				
IL-17A (pg/ml)	-	R=-0.03 NS	R=0.36 NS	R=0.67 p=0.02
IL-17E (ng/ml)	-	-	R=-0.48 NS	R=0.09 NS
IL 17F (ng/ml)	-	-	-	R=-0.14 NS
Stage III				

IL-17A (pg/ml)	-	R=-0.10 NS	R=0.15 NS	R=-0.22 NS
IL-17E (ng/ml)	-	-	R=-0.07 NS	R=-0.19 NS
IL 17F (ng/ml)	-	-	-	R=-0.04 NS
Stage IV				
IL-17A (pg/ml)	-	R=0.04 NS	R=-0.07 NS	R=0.05 NS
IL-17E (ng/ml)	-	-	R=-0.20 NS	R=-0.11 NS
IL 17F (ng/ml)	-	-	-	R=0.01 NS

424

425