Table SII. *Changes in cytokines, chemokines and subpopulations of lymphocytes during the test procedure within the groups*

	BS1 to BS2	BS3	BS4	BS2 to BS3	BS4	BS3 to BS4
Melanoma group						
Interleukin-8	0.936	0.117	0.198	**0.018***	0.163	0.717
Interleukin-1β	0.133	0.338	0.492	0.532	0.163	0.289
Interleukin-6	0.408	0.098	0.071	0.619	0.433	0.182
Interleukin-10	0.979	0.845	0.220	0.603	0.107	0.407
Tumor necrosis factor	0.215	0.977	0.443	0.173	0.776	0.233
Interleukin-12P	0.569	0.542	0.711	0.862	0.231	0.069
CXCL8	0.532	0.061	0.064	**0.019***	0.116	0.552
CCL5 Rantes	**0.010***	**0.036***	0.077	0.494	0.084	0.260
CXCL9	0.778	0.107	**0.025***	0.145	**0.022***	0.113
CXCL10	0.679	**0.043***	**0.022***	0.102	**0.009****	0.376
CD3+ cells	**0.009**	0.365	0.295	**0.005****	**0.008****	0.571
CD8+ cells	0.070	0.087	**0.025***	**0.018***	**0.003****	0.153
CD4+ cells	**0.013***	0.658	0.702	0.081	0.191	0.421
CD16/CD56+ NK cells	**0.001****	**0.003****	**0.011***	**<0.001****	**<0.001****	0.251
CD19+ cells	0.601	0.268	0.091	0.663	0.177	0.102
CD45+ cells	**<0.001****	0.159	0.376	**<0.001****	**0.004****	0.586
CD4/CD8 ratio	0.184	**0.036***	**0.010***	**0.028***	**0.001****	0.055
Control group						
Interleukin-8	0.906	0.372	0.862	0.420	0.965	0.728
Interleukin-1β	0.776	0.352	0.906	0.495	0.796	0.196
Interleukin-6	0.408	0.554	0.695	0.407	0.616	0.904
Interleukin-10	0.936	0.327	0.223	0.210	0.286	**0.002****
Tumor necrosis factor	0.281	0.691	0.589	0.701	0.691	0.570
Interleukin-12P	0.396	0.913	0.301	0.277	0.098	0.438
CXCL8	0.744	0.679	0.179	0.381	0.050	0.233
CCL5 Rantes	0.277	0.277	0.227	0.936	0.420	0.811
CXCL9	0.171	0.295	**0.044***	0.658	**0.009****	**0.020***
CXCL10	0.913	0.679	**0.006****	0.472	**0.027***	**0.004****
CD3+ cells	**0.031***	0.514	0.372	**0.018***	0.071	0.888
CD8+ cells	**0.010****	0.478	0.828	**0.011***	**0.025***	0.776
CD4+ cells	0.184	0.984	0.306	**0.027***	0.408	0.360
CD16/CD56+ natural killer cells	**< 0.000****	0.984	0.616	**0.001****	**0.001****	0.481
CD19+ cells	0.231	0.080	0.088	0.486	0.777	0.845
CD45+ cells	**0.001****	0.314	0.629	**0.004****	**0.018***	0.984
CD4/CD8 ratio	0.097	0.925	0.747	0.055	0.052	0.904

*$p<0.05$; **$p<0.010$.
BS: blood sample.