

Table S1. Analysis of the subject's lifestyle *.

	Placebo		BB-1000	
	Visit 1	Visit 4	Visit 1	Visit 4
Sunscreen				
None	4	4	9	9
1 ~ 2	17	14	6	5
3 ~ 4	10	16	9	14
≥ 5	14	11	21	14
Color make-up				
None	19	25	18	22
1 ~ 2	19	13	15	12
3 ~ 4	6	7	11	9
≥ 5	1	0	1	2
Drinking				
None	26	31	31	34
< 1	14	12	8	6
1 ~ 3	5	2	5	5
≥ 4	0	0	1	0
Smoking				
None	45	45	45	45
≥ 1 year	0	0	0	0
< 1 year	0	0	0	0
Smoke	0	0	0	0
Coffee intake				
None	5	4	4	1
Sometimes	15	20	16	25
Everyday	25	21	25	19
Outdoor activities				
< 3	37	32	35	32
< 5, ≥ 3	7	13	10	10
≥ 5	1	0	0	3
Sleep				
< 5	1	1	2	2
< 8, ≥ 5	40	40	39	42
≥ 8	4	4	4	1

* Sunscreen, number of people using sunscreen (times/week); Color makeup, number of people who color make-up (times/week); Drinking, number of people drinking (bottle/week); Smoking, number of people smoking; Outdoor activities (h/day); Sleep, Number of people per day sleeping (h/day).

Table S2. Concomitant drugs administration *.

Level 1	Level 2	Placebo (N = 45)	BB-1000 (N = 45)
Alimentary tract and metabolism		3	0
	Digestives, Incl., enzymes	1	0
	Drug for acid related disorders	3	0
	Drugs for functional gastrointestinal disorders	1	0
	Mineral supplements	1	0
Anti-infective for systemic use		2	0
	Antibacterials for systemic use	0	0
Dermatologicals		1	0
	Antifungals for dermatological use	1	0
	Corticosteroids, Dermatological preparations	1	0
Musculo-Skeletal system		4	0
	Antiinflammatory and Antirheumatic products	4	0
	Other drugs for disorders of Musculo-skeletal system	3	0
Nervous system		1	0
	Analgesics	1	0
	Antiepileptics	1	0
Respiratory system		2	0
	Antihistamines for systemic use	2	0
	Cough and cold preparation	1	0
Total		4	0

* Number of people drugs (or dietary supplements) taken with placebo or BB-1000 during clinical trials. Drugs are classified according to the ATC code.