SUPPLEMENTARY INFORMATION

Photoprotective Effects of Oral Coriander Seed Oil (*Coriandrum sativum* L.) Supplementation Against UV-Induced Skin Damage: Evidence from two Placebo-Controlled Clinical Trials

Vincenzo Nobile, Stéphanie Dudonné, Catherine Kern, Gloria Roveda, Silvana Giardina and Christine Garcia

Supplementary Table S1. Inclusion and exclusion criteria (cohort with reactive skin)

No.	Inclusion criteria
01	Healthy female subjects,
02	Caucasian ethnicity,
03	Age between 18 and 65 (subject with 18 and 65 years old can be included)
04	Phototypes from I to IV
05	Sensitive and reactive skin (showing positive answer from 3-moderate to 4-strong to stinging test performed with a 10% lactic acid solution)
06	Subjects who have not been recently involved in any other similar study (evaluation is performed case by case by the experimenter but at least 1 month must be elapsed between a previous study on food supplement)
07	Willingness to use during all the study period only the products to be tested
08	Willingness not to use similar products that could interfere with the product to be tested
09	Willingness to not vary the normal daily routine (i.e. lifestyle, physical activity, diet etc.)
10	Subjects under effective contraception (oral/not oral) if women of childbearing potential; not expected to be changed during the trial
11	Subject aware of the study procedures and having signed an informed consent form
12	Subjects who accept not to expose in intensive way to UV rays during the whole study duration
13	Subjects who have not involved in any sun test (for SPF evaluation) or tests that provide skin irradiation since less than two months
No.	**Exclusion criteria**
01	Subjects who do not meet the inclusion criteria
02	Pregnant/breastfeeding female or who have planned a pregnancy during the study period
03	Subjects under systemically pharmacological treatment
04	Subjects under locally pharmacological treatment on the skin area monitored during the test
05	Subjects with congenital or acquired immunodeficiency
06	Subjects under treatment with food supplements which could interfere with the functionality of the product under study
07	Subjects which show skin alterations on the monitored area which could interfere with the functionality of the product under study
08	Subjects considered as not adequate to participate to the study by the investigator
09	Subjects with known or suspected sensitization to one or more test formulation ingredients
10	Adult protected by law (under control or hospitalized in public or private institutions for reasons other than research, or incarcerated)
11	Subjects not able to communicate or cooperate with the investigator for problems related to language, mental retardation or impaired brain function

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Supplementary Table S2. Inclusion and exclusion criteria (cohort with all skin types)

No.	Inclusion criteria
01	Good general health
02	Caucasian ethnicity
03	Female sex
04	Age between 35 and 65 years old (extremes included)
05	Phototype I to III (with all skin types without any specific repartition)
06	Visible Crow's feet wrinkles (> 2 according to Skin Aging Atlas - Caucasian Type - Bazin Roland) and mild-moderate skin slackness at cheek level (grade 1-3 - internal clinical scale)
07	Subjects who have not been recently involved in any other similar study (evaluation is performed case by case by the experimenter but at least 1 month must be elapsed between a previous study on food supplement)
08	Subjects registered with health social security or health social insurance
09	Subjects having signed their written the Informed Consent Form (ICF) and Privacy Policy for their participation in the study and a photograph authorization
10	Subjects able to understand the language used in the investigation center and the information given
11	Subjects able to comply with the protocol and follow protocol constraints and specific requirements
12	Willingness to use during all the study period only the product to be tested
13	Willingness not to use similar products that could interfere with the product to be tested
14	Willingness to not vary the normal daily routine (i.e. lifestyle, physical activity, diet etc.)
15	Subjects under effective contraception (oral/not oral) if women of childbearing potential; not expected to be changed during the trial
16	Subject aware of the study procedures and having signed an informed consent form
17	Subjects who have not sun exposure (both natural or artificial) for at least two months
18	Subjects who accept not to expose in intensive way to UV rays during the whole study duration
19	Subjects who have not been involved in any sun test (for SPF evaluation) or tests that provide skin irradiation since less than two months
No.	**Exclusion criteria**
01	Subjects who do not meet the inclusion criteria
02	Subject is taking part or planning to participate to another clinical study in the same or in another investigation center
03	Subject who is deprived of freedom by administrative or legal decision or under guardianship
04	Subject admitted in a sanitary or social facilities
05	Subject who is planning an hospitalization during the study
06	Subjects under treatment with food supplements which could interfere with the functionality of the product under study
07	Subject breastfeeding, pregnant or not willing to take necessary precautions to avoid pregnancy during the study (if women of childbearing potential)
08	Subject has started or changed estrogen-progesterone contraception or hormonal treatment, within the 3 months prior to the study or foreseeing it for the duration of the study
09	Subject having an acute, chronic or progressive illness liable to interfere with the study data or considered by the Investigator hazardous for the subject or incompatible with the study requirements
10	Subjects under radiotherapy, chemotherapy at any time
11	Subject having a skin condition liable to interfere with the study data or considered by the Investigator hazardous for the subject or incompatible with the study requirements Pharmacological treatments (topic or systemic) known to interfere with skin metabolism/physiology
12	Subjects under locally pharmacological/non-pharmacological treatment applied on the skin area monitored during the test
13	Subject with known or suspected sensitization to one or more test formulation ingredients
14	Subjects considered as not adequate to participate to the study by the investigator
15	Adult protected by law (under control or hospitalized in public or private institutions for reasons other than research, or incarcerated)
16	Subjects not able to communicate or cooperate with the investigator for problems related to language, mental retardation or impaired brain function