Please specify requirement for color or black and white in print

All character typing throughout text should be Times New Roman using 12 points

**Main Title** (12p, Bold)

Gil Dong Hong (1 space) 1, Gil Dong Hong 2 & (“ &” must be placed before the last author ) Gil Dong Hong 3 (12p)

1(1 space) address (12p)

2(1 space) address (12p)

Correspondence and requests for materials should be addressed to (Corresponding author should be written in short name) G. D. Hong (GDH@abc.de.kr) (12p)

Received: 9 December 2009 / Accepted: 28 January 2010 (12p)

**Abstract** (12p, Bold)

**Backgrounds** The photoprotective effects of minerals from Korean indigenous ores, consisting mainly of sericite.

**Objective** The polyphenol treated group showed approximately 30 % (1 space before the symbol) less MMP-1 mRNA than that of the control cell treated with UVA only.

**Results** It is showed that the treatment of the minerals significantly reduced the UVA-enhanced MMP-1 activity and mRNA level.

**Conclusion** (justify, 12p)

**Key words (12p, Bold)** Apple, Bug, Candy, Different, Gag (First alphabet should be capital, 12p)

**Introduction (12p, Bold)**

(No Tab in the first paragraph, 1 Tab must be in the later paragraph)The recognition that an intimate relationship exists between the environment, particularly the geologic materials, and human health has led to the recent development of a new field of science called medical geology (1 space)1, 5 or 1-4. (12p)

**Materials & Methods (Justify, Bold, 12p)**

**SEM image and MTT assay (Subtitle of each section must be written, 12p)**

 (No Tab in the first paragraph, 1 Tab must be in the later paragraph)The electrophoresed gel was washed twice with washing buffer containing 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, and 2.5 % Triton X- 100, followed by a brief rinsing in washing buffer without Triton X-100. (12p)

< Symbols Format shown as below>

ml, ug, ul -> mL, µg, µL

No allowance for insertion of special symbols, for example: ㎍, ㎖

**Results** **(12p, Bold)**

**SEM image and MTT assay (Subtitle of each section must be written, 12p)**

(No Tab in the first paragraph, 1 Tab must be in the later paragraph) The SEM image of the ore mineral powder is shown in Figure 1. (12p)

**Discussion (Justify, Bold, 12p)**

 (No Tab in the first paragraph, 1 Tab must be in the later paragraph) Taken together, the data here suggest that ore minerals are potent photo-protective and anti-skin-aging ingredients that prevent the skin cell damage by UVA irradiation. (12p)

**Acknowledgement (Bold, 12p)** This work was supported by the Korea Science and Engineering Foundation (KOSEF) grant funded by the Korea government (MEST) (No. 20090091416) (12p)

**Author contribution (Bold, 12P)**

Gil-Dong Hong & Cheol-Soo Kim designed the research study. Gil-Dong Hong & Cheol-Soo Kim performed the experiments and analyzed data. Gil-Dong Hong & Cheol-Soo Kim interpreted data and wrote the manuscript. (12p)

**Compliance with ethical standards (Bold, 12p)**

(It should be written as separate paragraphs: Conflict of Interest and Ethical approval)

**Conflict of Interest (Bold, 12p)**

author A declares that he/she has no conflict of interest

author B declares that he/she has no conflict of interest

author C declares that he/she has no conflict of interest

(All authors should be listed separately)

**Ethical approval (Bold, 12p)**

This article does not contain any studies with human participants or animals performed by any of the authors.

or

All human DNA samples were approved by the Institutional Review Board of the Wonkwang University.

The experimental procedures followed the actual law of animal protection that was approved by the Animal Care Advisory Committee of Southwest University, China.

**References (justify, Bold, 12p)**

1. Viseras, C., Aguzzi, C., Cerezo, P. & Lopez-Galindo, A. Uses of clay minerals in semisolid health care and therapeutic products. *Applied Clay Sci* **36**:37-50 (2007).

(All author names in reference with less than or five authors must be shown unless reference with more than five authors should be written using first author with *et al* : Viseras, C., *et al*. Title. *Journal name*. Volume:Pages (Year). (justify, Times New Roman 12p))

**Table 1. (Bold, 12p)** cDNA Microarray results (Times New Roman 12p)

**Figure 1. (Bold, 12p)** cDNA Microarray results (Times New Roman 12p)

*P*<0.01 (For P value should be italic capital)

Table and Figure files are required as PPT format with good quality, PDF file is not allowed)