

# Erratum

## Distribution of olive oil phenolic compounds in rat tissues after administration of a phenolic extract from olive cake

By Aida Serra *et al.*, vol. 56, pp. 486–496

DOI 10.1002/mnfr.201100436

Table 2 is corrected as follows. The concentrations in all the table are  $\mu\text{mol/L}$  not  $\text{nmol/L}$ .

**Table 2.** Plasma concentration of phenol metabolites following the acute intake of 3 g/kg of body weight of olive extract<sup>a)</sup>

| Metabolite ( $\mu\text{mol/L}$ )     | Time (hours) after extract intake <sup>b)</sup> |                                        |                                    |
|--------------------------------------|-------------------------------------------------|----------------------------------------|------------------------------------|
|                                      | 1 h                                             | 2 h                                    | 4 h                                |
| Hydroxytyrosol                       | $4.3 \pm 0.4^b$                                 | $5.2 \pm 0.5^a$                        | $5.1 \pm 0.6^{ab}$                 |
| Hydroxytyrosol-sulphate              | $51 \pm 4^b$                                    | $89 \pm 7^a$                           | $82 \pm 8^a$                       |
| Hydroxytyrosol-glucuronide           | $1.5 \pm 0.2^b$                                 | $1.8 \pm 1.4^a$                        | $1.8 \pm 1.6^a$                    |
| Tyrosol-glucuronide                  | $1.0 \pm 0.2^a$                                 | $1.2 \pm 0.2^a$                        | $0.44 \pm 0.07^b$                  |
| Tyrosol-sulphate                     | $36 \pm 3.1^b$                                  | $53 \pm 6.0^a$                         | $50 \pm 4.3^a$                     |
| <b>Total Phenolic Alcohols</b>       | <b><math>94 \pm 7.9^b</math></b>                | <b><math>150 \pm 15^a</math></b>       | <b><math>139 \pm 14^a</math></b>   |
| Vanillin-sulphate                    | $1.4 \pm 0.1^b$                                 | $2.5 \pm 0.2^a$                        | $1.1 \pm 0.2^b$                    |
| Vanillic-sulphate acid               | $2.9 \pm 0.1^b$                                 | $4.5 \pm 0.4^a$                        | $4.8 \pm 0.5^a$                    |
| Homovanillic-sulphate acid           | $16 \pm 1.3^b$                                  | $36 \pm 3.8^a$                         | $13 \pm 1.5^b$                     |
| Hydroxybenzoic acid                  | $1.2 \pm 0.1^c$                                 | $2.3 \pm 0.2^a$                        | $1.6 \pm 0.2^b$                    |
| Hydroxyphenylacetic acid             | $1.5 \pm 0.1^{ab}$                              | $1.6 \pm 0.1^a$                        | $1.2 \pm 0.2^b$                    |
| Elenolic acid                        | $1.1 \pm 0.3^a$                                 | $1.1 \pm 0.2^a$                        | $0.89 \pm 0.09^b$                  |
| <b>Total phenolic acids</b>          | <b><math>24 \pm 3.9^b</math></b>                | <b><math>48 \pm 6.3^a</math></b>       | <b><math>23 \pm 4.2^b</math></b>   |
| Oleuropein derivate                  | $13 \pm 1.2^b$                                  | $21 \pm 2.3^a$                         | $24 \pm 2.3^a$                     |
| <b>Total secoiridoid derivatives</b> | <b><math>13 \pm 1.2^b</math></b>                | <b><math>21 \pm 2.3^a</math></b>       | <b><math>24 \pm 2.3^a</math></b>   |
| Luteolin-glucuronide                 | $0.68 \pm 0.07^a$                               | $0.58 \pm 0.03^{ab}$                   | $0.54 \pm 0.2^b$                   |
| <b>Total flavonoids</b>              | <b><math>0.68 \pm 0.07^a</math></b>             | <b><math>0.58 \pm 0.03^{ab}</math></b> | <b><math>0.54 \pm 0.2^b</math></b> |
| <b>Total phenolic compounds</b>      | <b><math>131 \pm 13^b</math></b>                | <b><math>198 \pm 23^a</math></b>       | <b><math>186 \pm 20^a</math></b>   |

Results are expressed as  $\mu\text{mol}$  phenolic metabolite/L plasma.

a) Data expressed as mean values  $\pm$  standard error ( $n = 4$ ).

b) Different letters within the same row indicate a significant difference ( $p \leq 0.05$ ).