

## Erratum to: Maternal vitamin C deficiency during pregnancy results in transient fetal and placental growth retardation in guinea pigs

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Unfortunately, some typographical errors are found in Table 1 of the original article. These errors introduced during the typesetting of the manuscript have been corrected with this erratum (Table 1).

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**Table 1** Numbers of guinea pig dams and pups and associated weight recordings and plasma and placental biochemical measurements

| Gestational day (GD)                  | 45                        |                         | 56                       |                         | Two-way ANOVA |        |
|---------------------------------------|---------------------------|-------------------------|--------------------------|-------------------------|---------------|--------|
|                                       | CTRL                      | DEF                     | CTRL                     | DEF                     | GD day        | VitC   |
| Number of dams                        | 5                         | 4                       | 4                        | 4                       |               |        |
| Maternal initial weight (g)           | 718 ± 91                  | 738 ± 88                | 715 ± 35                 | 693 ± 46                | NS            | NS     |
| Number of pups                        | 12♀/12♂                   | 7♀/12♂                  | 9♀/11♂                   | 11♀/11♂                 |               |        |
| Litter size ( <i>n</i> )              | 4.8 ± 2.4                 | 4.8 ± 2.1               | 5.0 ± 1.4                | 5.5 ± 1.3               | NS            | NS     |
| Maternal weight gain (Δg)             | 168 ± 58 <sup>a</sup>     | 101 ± 87 <sup>a</sup>   | 258 ± 53 <sup>b</sup>    | 161 ± 78 <sup>a</sup>   | NS            | 0.05   |
| Fetal body weight (g)                 | 22.0 ± 4.2 <sup>a</sup>   | 17.0 ± 3.3 <sup>b</sup> | 50.7 ± 8.3 <sup>c</sup>  | 51.5 ± 5.5 <sup>c</sup> | 0.0001        | NS     |
| Fetal brain weight (g)                | 1.1 ± 0.2 <sup>a</sup>    | 0.9 ± 0.1 <sup>b</sup>  | 2.1 ± 0.1 <sup>c</sup>   | 2.0 ± 0.1 <sup>c</sup>  | 0.0001        | 0.01   |
| Placental weight (g)                  | 2.6 ± 0.4 <sup>a</sup>    | 2.3 ± 0.4 <sup>b</sup>  | 3.4 ± 0.5 <sup>c</sup>   | 3.2 ± 0.7 <sup>c</sup>  | 0.0001        | 0.05   |
| Maternal plasma ascorbate (μM)        | 45.9 ± 18.2 <sup>a</sup>  | 2.7 ± 0.6 <sup>b</sup>  | 38.9 ± 8.9 <sup>a</sup>  | 5.7 ± 7.5 <sup>b</sup>  | NS            | 0.0001 |
| Fetal plasma ascorbate (μM)           | 149.2 ± 35.8 <sup>a</sup> | 10.7 ± 5.4 <sup>b</sup> | 75.5 ± 36.4 <sup>c</sup> | 7.5 ± 2.5 <sup>b</sup>  | 0.0001        | 0.0001 |
| Fetal brain total ascorbate (nmol/g)* | 3043 ± 285 <sup>a</sup>   | 1016 ± 270 <sup>b</sup> | 2351 ± 137 <sup>c</sup>  | 966 ± 242 <sup>b</sup>  | 0.0001        | 0.0001 |
| Placental total ascorbate (nmol/g)    | 1993 ± 319 <sup>a</sup>   | 443 ± 128 <sup>b</sup>  | 1413 ± 112 <sup>c</sup>  | 476 ± 120 <sup>b</sup>  | 0.0001        | 0.0001 |
| Placental ascorbate oxidation ratio   | 9.3 ± 4.7 <sup>a</sup>    | 25.4 ± 8.1 <sup>b</sup> | 16.6 ± 4.2 <sup>c</sup>  | 29.6 ± 9.0 <sup>b</sup> | 0.001         | 0.0001 |
| Placental glutathione (nmol/g)        | 586 ± 47 <sup>a</sup>     | 671 ± 69 <sup>b</sup>   | 369 ± 39 <sup>c</sup>    | 418 ± 45 <sup>d</sup>   | 0.0001        | 0.0001 |

Data are presented as mean ± SD except from *n* values. Data from male and female fetuses are pooled because no difference in total plasma ascorbate concentration is observed between sexes

NS not significant. Different superscript letters indicate that groups are significantly different

\* Fetal brain total ascorbate has been reproduced from Paidi et al. [10]