

**Table 2.** Biochemical data of offspring of non-diabetic (NDP), one diabetic (ODP) and both diabetic (BDP) parents. Data are expressed as means  $\pm$  SEM.

|                            | <b>NDP</b><br><b>(n=50)</b> | <b>ODP</b><br><b>(n=50)</b>   | <b>BDP</b><br><b>(n=30)</b>     |
|----------------------------|-----------------------------|-------------------------------|---------------------------------|
| Fasting Glucose (mmol/L)   | 4.63 $\pm$ 0.07             | 5.27 $\pm$ 0.09 <sup>a</sup>  | 5.32 $\pm$ 0.12 <sup>a</sup>    |
| 2h-OGTT (mmol/L)           | 5.41 $\pm$ 0.15             | 6.51 $\pm$ 0.19 <sup>a</sup>  | 6.69 $\pm$ 0.35 <sup>a</sup>    |
| Hb A1-c (%)                | 5.34 $\pm$ 0.05             | 5.35 $\pm$ 0.06               | 5.54 $\pm$ 0.12                 |
| Insulin (pmol/L)           | 53.86 $\pm$ 3.66            | 66.92 $\pm$ 4.97              | 90.05 $\pm$ 9.54 <sup>a,b</sup> |
| HOMA IR                    | 1.67 $\pm$ 0.12             | 2.4 $\pm$ 0.19 <sup>a</sup>   | 3.17 $\pm$ 0.38 <sup>a</sup>    |
| C-peptide (pmol/L)         | 480 $\pm$ 23.90             | 675 $\pm$ 50.69 <sup>a</sup>  | 810 $\pm$ 101.36 <sup>a</sup>   |
| Leptin (ng/ml)             | 4.07 $\pm$ 0.80             | 12.73 $\pm$ 2.74 <sup>a</sup> | 15.84 $\pm$ 4.02 <sup>a</sup>   |
| Total Cholesterol (mmol/L) | 4.40 $\pm$ 0.09             | 3.72 $\pm$ 0.12 <sup>a</sup>  | 4.76 $\pm$ 0.20 <sup>b</sup>    |
| LDL-C (mmol/L)             | 2.64 $\pm$ 0.07             | 2.30 $\pm$ 0.08 <sup>a</sup>  | 2.88 $\pm$ 0.11 <sup>b</sup>    |
| HDL-C (mmol/L)             | 1.22 $\pm$ 0.03             | 1.11 $\pm$ 0.03 <sup>a</sup>  | 1.23 $\pm$ 0.05 <sup>b</sup>    |
| Triglycerides (mmol/L)     | 1.63 $\pm$ 0.07             | 1.66 $\pm$ 0.07               | 2.81 $\pm$ 0.45 <sup>a,b</sup>  |

<sup>a,b</sup> Statistically significant difference (P<0.05; Scheffe's multiple comparison test): <sup>a</sup>: Compared to NDP group, <sup>b</sup>: Compared to ODP group.