**Supplementary Table S4. Comparison with previous studies that have evaluated the association between *p,p’*-DDE exposure during pregnancy and/or fetal growth and gestational age at birth**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Author country, year of publication | Mother-infant pairs | Blood sampling | *p,p’*-DDE concentration | Anthropometry at birth |  | Gestational Age |
| Period |  | Gestational age (weeks/months/trimester) |  | weight | weightz-scores  | LBW | length | length z-scores  | SGA | GAB | Preterm birth |
| This study, México | 170 | 2013-2015 |  | <18 weeksa | Median0.16 ng/mL7.5 ng/g | NA | NA | NA | NA | NA | NA | NA | NA |
| [16] Longnecker et al., USA, 2001 | 2380 | 1959-1966 |  | Third trimestera  | Median25 µg/L |  | NE |  | NA | NE |  |  |  |
| [13] Kezios et al., USA, 2013 | 600 | 1960-1963 |  | In the three days after deliverya | Median38.7 ng/mL |  | NE | NE | NE | NE | NA |  | NA |
| [8] Casas et al., Europa, 2014 | 8853, from 11 cohorts | 1997-2012 |  | At deliveryb  | Median: 49.9 ng/L-1322.8 ng/L | NA | NE | NE | NE | NE | NE | NA | NE |
| [10] Govarts et al., Europa, 2018 | 5446, from 7 cohorts | 1997-2012 |  | At deliveryb | Median: 49.7 ng/L-1015 ng/L. | NE | NE | NE | NE | NE | NA | NE | NE |
| [15] Arrebola et al., Bolivia, 2016 | 200 | 2013 |  | At deliveryc | Median1.01 ng/mL |  | NE | NE | NE | NE | NA |  | NA |
| [9] Jusko et al., USA, 2006 | 399 | 1960s |  | From 3.4 month to 9.3 montha | Median5.9 µg/g | NA | NA | NE | NA | NE | NE | NA | NE |
| [11] Farhang et al,; USA, 2005 | 420 (male infants) | 1959-1967 |  | Second/third trimestera | Median43 µg/L | NA | NE | NE | NE | NE | NA | NA | NA |
| [12] Wolff et al., USA, 2007 | 194 | 1998-2002 |  | 26-28 weeksa | Median0.64 µg/L |  | NE | NE | NA | NE | NE | NA | NE |
| [18] Ribas-Fitó et al., España, 2002 | 70 | 1997-1999 |  | At deliveryc | Median0.85 ng/mL | NA | NE | NE | NA | NE | NA | NE |  |
| [14] Guo et al., China, 2014 | 81 | 2010 |  | At deliverya,c | Mediana 231.05 ng/gc 148.53 ng/g | NA | NE | NE | NE | NE | NE | NE | NE |
| [31] Fang et al., China, 2019 | 1028 | 2014-2015 |  | At deliveryc | Median31.9 ng/g | NA | NE | NE | NA | NE | NE | NE | NE |

Abbreviations: LBW (low birthweight); GAB (gestational age at birth); SGA (small for gestational age)

a *p,p’*-DDEconcentrations were measured in maternal serum

b *p,p’*-DDEconcentrations were measured in umbilical cord serum or the equivalent concentration in cord serum was estimated from the concentrations measured in maternal serum or breast milk.

c *p,p’*-DDEconcentrations were measured in cord serum.

NA: No significant association was found

NE: No evaluated

 Significant reduction; Significant Increase