Table S1. Summary of previous studies of prenatal perfluorooctyl sulfonate (PFOS) exposure and birth outcomes among the general populations

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Author | Study years | Location | Sample size | Conc., ng/mL | Gestational age | Birth weight | Birth length | Head circumference | Pondera index | Preterm birth | LBW | SGA |
| Inoue et al. [13] | 2003 | Japan | 15 | 2.9a |  | ∅ |  |  |  |  |  |  |
| Apelberg et al. [9] | 2004-2005 | United States | 293 | 5b | ∅ | − | ∅ | −\* | −\* |  |  |  |
| Fei et al. [10] | 1996- | Denmark | 1387 | 35.3c | ∅ | ∅ |  |  |  | ↑ | ↑ | ↓ |
| Fei et al. [11] | 2002 | Denmark | 1387 | 35.3c |  |  | ∅ | ∅ | ∅ |  |  |  |
| Monroy et al. [14] | 2004-2005 | Canada | 105 | 7.2a |  | ∅ |  |  |  |  |  |  |
| Washino et al. [12] | 2002-2005 | Japan | 428 | 5.6c |  | −\* | − | − |  |  |  |  |
| Hamm et al. [15] | 2005-2006 | Canada | 252 | 9.0c | ∅ | ∅ |  |  |  | ↑ |  | ↓ |
| Whitworth et al. [16] | 2003-2004 | Norway | 901 | 13.0d |  | − |  |  |  | ↓\* |  | ↑ |
| Present study | 2004-2005 | Taiwan | 429 | 5.9a | −\* | −\* | − | −\* | − | ↑\* | ↑ | ↑\* |

Abbreviations: Conc., concentration; LBW, low birth weight; SGA, small for gestational age; ∅, represents an null effect; +, represents a positive association; −, represents a negative association; ↑, represents increased odds ratio; ↓, represents decreased odds ratio.

\**P*<0.05

amean levels in cord blood bmedian levels in cord blood

cmean levels in maternal blood dmedian levels in maternal blood