

Supplementary Materials

The relationship between emerging contaminants and gestational diabetes mellitus: a review

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Table S1: Abbreviations

1h-GCT	1-hour glucose challenge test;
1h-PG	1-hour plasma glucose;
1m-PFOS	1-methyl-perfluorooctanesulfonic acid;
2h-PG	2-hour plasma glucose;
2-T-OP	2-tert-Octylphenol;
3m + 4m-PFOS	3-methyl and 4-methyl-perfluorooctanesulfonic acid;
4-N-NP	4-n-nonylphenol;
4-T-OP	4-tert-Octylphenol;
4-N-OP	4-n-Octylphenol;
4:2 FTS	4:2 Fluorotelomer sulfonate;
5m-PFOS	5-methyl-perfluorooctanesulfonic acid;

6:2 Cl-PFESA	6:2 Chlorinated polyfluorinated ether sulfonic acid;
6:2 FTS	6:2 Fluorotelomer sulfonate;
ADONA	Ammonium 4,8-dioxa-3H-perfluorononanoate;
APs	Alkylphenols
BPA	Bisphenol A;
BPB	Bisphenol B;
BPF	Bisphenol F;
BPS	Bisphenol S;
CDK4	Cyclin-dependent kinase 4;
CI	Confidence interval;
Cyclin D2	Cyclin D2;
DDT	Dichlorodiphenyltrichloroethane;
DEHP	Di 2-ethylhexyl phthalate;
DEP	Diethyl phthalate;
DBP	Dibutyl phthalate;
DIBP	Diisobutyl phthalate;
DDE	1,1-Dichloro-2,2-bis p-chlorophenyl ethylene;
DINP	Diisononyl phthalate;
ECs	Emerging contaminants;
EtP	Ethylparaben;
FBG	Fasting blood glucose;
FIns	Fasting insulin;
FoxM1 axis	TNF- α -pSTAT1-Forkhead box M1 axis;
GCK	Glucokinase;
GDM	Gestational diabetes mellitus;
HCB	Hexachlorobenzene;

HCH	Hexachlorocyclohexane;
HOMA-%β	Homeostasis Model Assessment of β-cell function;
HOMA-IR	Homeostasis Model Assessment of Insulin Resistance;
HOMA2-IR	Homeostasis Model Assessment 2 of Insulin Resistance;
IGT	Impaired glucose tolerance;
IR	Insulin resistance;
MBZP	Monobenzyl phthalate;
MCNP	Monocarboxynonyl phthalate;
MCPP	Mono-3-carboxypropyl phthalate;
MeFOSAA	N-methyl perfluorooctanesulfonamidoacetic acid;
Me-PFOSA-AcOH	N-methyl-perfluorooctane sulfonamidoacetic acid;
MEHP	Mono 2-ethylhexyl phthalate;
MEP	Monoethyl phthalate;
MeP	Methylparaben;
MiBP	Mono-isobutyl phthalate;
MnBP	Mono-n-butyl phthalate;
Mafa	v-maf musculoaponeurotic fibrosarcoma oncogene homolog A;
Neurod1	Neurogenic differentiation 1;
NF-κB	Nuclear factor kappa-light-chain-enhancer of activated B cells;
NP	Nonylphenol;
non-A/PIs	Non-Asian Pacific Islanders;

OCPs	Organochlorine pesticides;
OGTT	Oral Glucose Tolerance Test;
OP	Octylphenol;
PAEs	Phthalates;
PBC-52	Polychlorinated biphenyl 52;
PCB126	Polychlorinated biphenyl 126;
PCBs	Polychlorinated biphenyls;
Pdx1	Pancreatic and duodenal homeobox 1;
PFOA	Perfluorooctanoic acid;
PFOS	Perfluorooctanesulfonic acid;
PFAS	Per- and polyfluoroalkyl substances;
PFBS	Perfluorobutanesulfonic acid;
PFDA	Perfluorodecanoic acid;
PFDeA	Perfluorodecanoic acid;
PFDoA	Perfluorododecanoic acid;
PFHpA	Perfluoroheptanoic acid;
PFHpS	Perfluoroheptanesulfonic acid;
PFHxA	Perfluorohexanoic acid;
PFHxS	Perfluorohexanesulfonic acid;
PFNA	Perfluorononanoic acid;
PFUA	Perfluoroundecanoic acid;
PFUdA	Perfluoroundecanoic acid;
PFUnDA	Perfluoroundecanoic acid;
PPCPs	Pharmaceuticals and personal care products;
POPs	Persistent organic pollutants;
PrP	Propylparaben;
STAT1 / pSTAT1	Signal transducer and activator of transcription 1 phosphorylated;

T1T3avg	Trimester 1 and Trimester 3 average;
T2DM	Type 2 diabetes mellitus;
TBBPA	Tetrabromobisphenol A;
TNF- α	Tumor necrosis factor-alpha;
UCP-2	Uncoupling protein 2.