

List of Abbreviations and Technical terms

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Acronym Definition

ALSPAC Avon longitudinal study of parents and children

ANA	Antinuclear antibody
ABC	ATP-binding cassette
ATSDR	Agency for Toxic Substances and Disease Registry
BDNF	Brain-derived neurotropic factor
BHg	Blood mercury
BKMR	Bayesian kernel machine regression
BMDL	Benchmark-dose lower confidence limit
BMI	Body mass index
BSID-II	Bayley's scale of infant development-II
Bw	Bodyweight
CONTAM	Panel on Contaminants in the Food Chain
COT	Committee on the Toxicity of Chemicals in Food, Consumer Products and the Environment
CpG	CG dinucleotides
DDE	p,p'-dichlorodiphenyldichloroethylene
DDST	Denver Developmental Screening Test

DDT	Dichlorodiphenyltrichloroethane
Defra	Department for Environment, Food and Rural Affairs
DHA	Docosahexaenoic acid
EARLI	Early Autism Risk Longitudinal Investigation
EFSA	European Food Safety Authority
EV	Extracellular vesicle
FAO	Food and Agriculture Organisation of the United Nations
NR3C1	Glucocorticoid receptor
GRIN2B	Glutamate receptor subunit NR2B
GST	Glutathione S-transferase
GSTM1	Glutathione S-transferase M1
GSTT1	Glutathione S-transferase T1
Hg	Mercury
HHg	Hair mercury
HRV	Heart rate variability
Ig	Immunoglobulin

IVF	<i>In vitro</i> fertilisation
JECFA	Joint Food and Agriculture Organisation of the United Nations / World Health Organisation Expert Committee on Food Additives
LCPUFA	Long chain polyunsaturated fatty acid
MC	SCDS main cohort
MDI	Mental development index
MeHg	Methylmercury
miRNA	Micro RNA
MOCEH	Mothers and Children's Environmental Health
NC1	SCDS nutrition cohort 1
NC2	SCDS nutrition cohort 2
NNNS	NICU network neurobehavioral scales
NOAEL	No observed adverse effect level
OWO	Overweight or obesity
PC	Principal component
PCB	Polychlorinated biphenyls

PDI Psychomotor development index

PE Preeclampsia

PFAS Perfluoroalkyl substances

PHIME Mixed Element exposure in a susceptible population EU
Sixth Framework Programme

PTWI Provisional tolerable weekly intake

PUFA Polyunsaturated fatty acid

RmtDNAcn Relative mitochondrial DNA copy number

ROS Reactive oxygen species

S Sulfur

SACN Scientific Advisory Committee on Nutrition

SCDS Seychelles child development study

SCOOP Scientific cooperation

Se Selenium

SGA Small-for-gestational age

TDS Total diet survey

THg Total mercury

TWI Tolerable weekly intake

VitA Vitamin A

WHO World health organisation