

Supplemental Table 1. Metabolic disruptors and type 2 diabetes

Chemical / Chemical Group	In vitro: cell or organ culture	Laboratory animals
TCDD/Dioxins	[71-73]	Adult Exposure [74]
TCDD/Dioxins	[57, 132]	Adult Exposure [55,133,134]
TCDD/Dioxins		Adult Exposure [133]
Triphenyltin	[11-13]	Adult Exposure [135]
TBT		Adult Exposure [75]
TBT		Adult Exposure [76]
Arsenic	[14-17]	Adult Exposure [68,136] Developmental Exposure [126]
Arsenic	[50,53]	Adult Exposure [68,114,124]
Arsenic		Adult Exposure [114,137] Developmental Exposure [104]
Cadmium	[33,34]	
Cadmium		Adult Exposure [59]
Mercury	[35,36]	Adult Exposure [36]
PCBs	[20]	Adult Exposure [138]
PCBs	[139]	Adult Exposure [129,130]
BPA	[140-142]	Adult Exposure [39,108,143,144] Developmental Exposure [40,63,101]
BPA	[51,78]	Adult Exposure [48,52,64,77,143,145] Developmental Exposure [101,110,146-148]
BPA		Developmental Exposure [113,149]
Nonylphenol		Developmental Exposure [150]
Octylphenol		Adult Exposure [151]
Phenolic Compounds	[19]	
PFOA/PFOS		Developmental Exposure [106,107,152]
POPs	[62]	Adult Exposure [62,153]

DEHP		Adult Exposure [154] Developmental Exposure [155,156]
DEHP	[56,157]	Adult Exposure [57] Developmental Exposure [58,155]
DEHP		Adult Exposure [69]
MEHP		Developmental Exposure [158]
Diisobutyl Phthalate		Developmental Exposure [159]
Amitraz		Adult Exposure [160]
Nicotine		Developmental Exposure [161]
Alloxan		Adult Exposure [162]
DDT		Adult Exposure [163]
Tolylfluamid	[49]	Adult Exposure [90]
Atrazine		Adult Exposure [112]
Malathion		Adult Exposure [164]
Malathion		Adult Exposure [165]
Diazinon		Adult Exposure [166]
Dimethoate		Adult Exposure [167]
Penta-BDE		Adult Exposure [168]
DES		Developmental Exposure [150]
Particulate Matter		Adult Exposure [97,98,111]
Mixtures		Developmental Exposure [169,170]

Blue: Pancreatic Function, β -cell Function, Islet Function, and Insulin Secretion
Orange: Insulin Action, Insulin Signaling, and Glucose Uptake
Green: Glucose Homeostasis Not Otherwise Specified and Diabetes Diagnoses