先生方からのコメント（疫学）

通し No.		No.	エンドポイント		詳細	評価値算出機関	Title	年	著者	雑誌
3	1	POD1	3	免疫		EFSA 2020	Internal exposure to perfluoroalkyl substances (PFASs) and biological markers in 101 healthy 1-year-old children: associations between levels of perfluorooctanoic acid (PFOA) and vaccine response	2020	Abraham et al.	Arch Toxicol
4	2	POD2	3	免疫		EPA 2021 (PFOS, PFOA) EPA 2023 (PFOS, PFOA)	Application of benchmark analysis for mixed contaminant exposures: Mutual adjustment of perfluoroalkylate substances associated with immunotoxicity	2018	Budtz-Jørgensen and Grandjean	PLoS One
5	3	POD3	3	免疫		EPA 2021 (PFOS, PFOA)	Estimated exposures to perfluorinated compounds in infancy predict attenuated vaccine antibody concentrations at age 5-years	2017a	Grandjean et al.	J Immunotoxicol
6	4	POD4	3	免疫		EPA 2021 (PFOS, PFOA)	Serum vaccine antibody concentrations in adolescents exposed to perfluorinated compounds	2017b	Grandjean et al.	Environ Health Perspect
7	5	POD5	3	免疫		EPA 2021 (PFOS, PFOA) EFSA 2018	Serum vaccine antibody concentrations in children exposed to perfluorinated compounds	2012	Grandjean et al.	JAMA
8	6	881	3	免疫			Effect of prenatal exposure to per- and polyfluoroalkyl substances on childhood allergies and common infectious diseases in children up to age 7 years: The Hokkaido study on environment and children's health	2020	Ait Bamai et al.	Environ Int
9	7	891	3	免疫			Serum polyfluoroalkyl concentrations, asthma outcomes, and immunological markers in a case-control study of Taiwanese children	2013	Dong et al.	Environ Health Perspect

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10	8	902	3	免疫			PFAS (per- and polyfluoroalkyl substances) and asthma in young children: NHANES 2013-2014	2020	Jackson-Browne et al.	Int J Hyg Environ Health					
11	9	D907	3	免疫			Exposure to perfluoroalkyl substances and allergic outcomes in children: A systematic review and meta-analysis	2020	Luo et al.	Environ Res					
12	10	D911	3	免疫			Exposure to perfluoroalkyl substances and neonatal immunoglobulin profiles in the upstate KIDS study (2008-2010)	2022	Jones et al.	Environ Pollut					
13	11	D926	3	免疫			Effects of exposure to per- and polyfluoroalkyl substances on vaccine antibodies: A systematic review and meta-analysis based on epidemiological studies	2022	Zhang et al.	Environ Pollut					
14	12	644	3	免疫	母体ばく露（免疫）		Prenatal exposure to perfluorinated chemicals and relationship with allergies and infectious diseases in infants	2012	Okada et al.	Environ Res					
15	13	889	3	免疫	母体ばく露（免疫）		Prenatal exposure to perfluoroalkyl and polyfluoroalkyl substances and childhood atopic dermatitis: a prospective birth cohort study	2018	Chen et al.	Environ Health					

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16	14		894	3	免疫	母体ばく露（免疫）		Prenatal exposure to perfluoroalkyl acids and prevalence of infectious diseases up to 4 years of age	2017	Goudarzi et al.	Environ Int					
17	15		900	3	免疫	母体ばく露（免疫）		Maternal levels of perfluoroalkyl substances (PFASs) during pregnancy and childhood allergy and asthma related outcomes and infections in the Norwegian Mother and Child (MoBa) cohort	2019	Impinen et al.	Environ Int					
18	16		901	3	免疫	母体ばく露（免疫）		Prenatal exposure to perfluoralkyl substances (PFASs) associated with respiratory tract infections but not allergy- and asthma-related health outcomes in childhood	2018	Impinen et al.	Environ Res					
19	17		906	3	免疫	母体ばく露（免疫）		Prenatal exposure to perfluoroalkyl substances, immune-related outcomes, and lung function in children from a Spanish birth cohort study	2019	Manzano-Salgado et al.	Int J Hyg Environ Health					
20	18		920	3	免疫	母体ばく露（免疫）		Prenatal perfluorooctanoic acid exposure is associated with early onset atopic dermatitis in 5-year-old children	2019	Wen et al.	Chemosphere					

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21	19		940	3	免疫	母体ばく露（免疫）		Exposure to perfluoroalkyl substances during fetal life and hospitalization for infectious disease in childhood: A study among 1,503 children from the Odense Child Cohort.	2021	Dalsager et al.	Environ Int					
22	20		1498	3	免疫	母体ばく露（免疫）		Cord blood gene expression supports that prenatal exposure to perfluoroalkyl substances causes depressed immune functionality in early childhood	2016	Pennings et al.	J Immunotoxicol					

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23	1	1	POD6	4	生殖・発生	母体ばく露（体格）	EPA 2023 (PFOS, PFOA)	Maternal serum levels of perfluoroalkyl substances in early pregnancy and offspring birth weight.	2020	Wikström et al.	Pediatr Res					
24	2	2	585	4	生殖・発生	母体ばく露（体格）		Cumulative exposure to environmental pollutants during early pregnancy and reduced fetal growth: the Project Viva cohort	2018	Rokoff et al.	Environ Health					
25	3	3	597	4	生殖・発生	母体ばく露（体格）		Prenatal exposure to per- and polyfluoroalkyl substances and infant growth and adiposity: The healthy start study	2019	Starling et al.	Environ Int					
26	4	4	598	4	生殖・発生	母体ばく露（体格）		Perfluoroalkyl substances during pregnancy and offspring weight and adiposity at birth: Examining mediation by maternal fasting glucose in the healthy start study	2017	Starling et al.	Environ Health Perspect					
27	5	5	649	4	生殖・発生	母体ばく露（体格）		Associations of Perfluoroalkyl Substances (PFAS) with lower birth weight: an evaluation of potential confounding by glomerular filtration rate using a physiologically based pharmacokinetic model (PBPK)	2015	Verner et al.	Environ Health Perspect					
28	6	6	D637	4	生殖・発生	母体ばく露（体格）		Gestational perfluoroalkyl substance exposure and body mass index trajectories over the first 12 years of life	2021	Braun et al.	Int J Obes (Lond)					
29	7	1	558	4	生殖・発生	母体ばく露（神経）		Attention deficit/hyperactivity disorder and childhood autism in association with prenatal exposure to perfluoroalkyl substances: A nested case-control study in the Danish National Birth Cohort	2015	Liew et al.	Environ Health Perspect					
30	8	2	607	4	生殖・発生	母体ばく露（神経）		Early prenatal exposure to suspected endocrine disruptor mixtures is associated with lower IQ at age seven	2020	Tanner et al.	Environ Int					
31	9	3	1014	4	生殖・発生	母体ばく露（神経）		Concentrations of perfluoroalkyl substances and bisphenol A in newborn dried blood spots and the association with child behavior	2018	Ghassabian et al.	Environ Pollut					
32	10	4	1015	4	生殖・発生	母体ばく露（神経）		Prenatal and childhood exposure to per- and polyfluoroalkyl substances (PFASs) and child cognition	2018	Harris et al.	Environ Int					
33	11	5	1027	4	生殖・発生	母体ばく露（神経）		The association between prenatal exposure to perfluoroalkyl substances and childhood neurodevelopment	2020	Spratlen et al.	Environ Pollut					

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34	12	6	1031	4	生殖・発生	母体ばく露（神経）		Prenatal and childhood exposure to poly- and perfluoroalkyl substances (PFAS) and cognitive development in children at age 8 years	2019	Vuong et al.	Environ Res					
35	13	7	1032	4	生殖・発生	母体ばく露（神経）		The association between prenatal endocrine-disrupting chemical exposure and altered resting-state brain fMRI in teenagers	2020	Weng et al.	Brain Struct Funct					
36	14	8	D654	4	生殖・発生	母体ばく露（神経）		The association between maternal perfluoroalkyl substances exposure and early attention deficit hyperactivity disorder in children: a systematic review and meta-analysis	2021	Qu et al.	Environ Sci Pollut Res Int					
37	15	9	D729	4	生殖・発生	母体ばく露（神経）		Early life multiple exposures and child cognitive function: A multi-centric birth cohort study in six European countries	2021	Julvez et al.	Environ Pollut					
38	16	10	D745	4	生殖・発生	母体ばく露（神経）		The association between prenatal perfluoroalkyl substance exposure and symptoms of attention-deficit/hyperactivity disorder in 8-year-old children and the mediating role of thyroid hormones in the Hokkaido study	2022	Itoh et al.	Environ Int					
39	17	1	571	4	生殖・発生	母体ばく露（心疾患）		Prenatal exposure to perfluoroalkyl substances and cardiometabolic risk in children from the Spanish INMA birth cohort study	2017	Manzano-Salgado et al.	Environ Health Perspect					
40	18	2	690	4	生殖・発生	母体ばく露（心疾患）		Gestational exposure to perfluoroalkyl substances and congenital heart defects: A nested case-control pilot study	2021	Ou et al.	Environ Int					
41	19	3	D707	4	生殖・発生	母体ばく露（心疾患）		Gestational exposure to perfluoroalkyl substances and congenital heart defects: A nested case-control pilot study	2021	Ou et al.	Environ Int					
42	20	1	D742	4	生殖・発生	母体ばく露（代謝）		Prenatal exposure to per- and polyfluoroalkyl substances and childhood adiposity at 7 years of age	2022	Zhang et al.	Chemosphere					
43	21	2	D744	4	生殖・発生	母体ばく露（代謝）		Prenatal Exposure to Perfluoroalkyl Substances Associated With Increased Susceptibility to Liver Injury in Children	2020	Stratakis et al.	Hepatology					

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44	22	3	D768	4	生殖・発生	母体ばく露（代謝）		Association of Prenatal Exposure to Endocrine-Disrupting Chemicals With Liver Injury in Children	2022	Midya et al.	JAMA Netw Open					
45	23	4	640	4	生殖・発生	母体ばく露（内分泌）		Prenatal exposure to perfluorooctanoate and risk of overweight at 20 years of age: a prospective cohort study	2012	Halldorsson et al.	Environ Health Perspect					
46	24	1	963	4	生殖・発生	母体ばく露（内分泌）		Exposure to perfluoroalkyl substances during fetal life and pubertal development in boys and girls from the danish national birth cohort	2019	Ernst et al.	Environ Health Perspect					
47	25	2	996	4	生殖・発生	母体ばく露（内分泌）		Cord blood per- and polyfluoroalkyl substances, placental steroidogenic enzyme, and cord blood reproductive hormone	2019	Yao et al.	Environ Int					
48	26	5	1001	4	生殖・発生	母体ばく露（内分泌）		Early life exposures to perfluoroalkyl substances in relation to adipokine hormone levels at birth and during childhood	2019	Shelly et al.	J Clin Endocrinol Metab					
49	27	6	D662	4	生殖・発生	母体ばく露（内分泌）		Associations of perfluoroalkyl substances with adipocytokines in umbilical cord serum: A mixtures approach	2022	Ding et al.	Environ Res					
50	28	7	D678	4	生殖・発生	母体ばく露（内分泌）		Exposure to Perflouroalkyl acids and foetal and maternal thyroid status: a review	2020	Boesen et al.	Environ Health					
51	29	1	D696	4	生殖・発生	母体ばく露（その他）		Association of exposure to prenatal per fluoroalkyl substances and estrogen receptor 1 polymorphisms with the second to fourth digit ratio in school-aged children: The Hokkaido study	2022	Nishimura et al.	Reprod Toxicol					
52	30	2	D713	4	生殖・発生	母体ばく露（その他）		Associations of per- and polyfluoroalkyl substances (PFAS) and their mixture with oxidative stress biomarkers during pregnancy	2022	Taibl et al.	Environ Int					

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53	31	3	D754	4	生殖・発生	母体ばく露（内分泌）		Prenatal exposure to mixtures of persistent endocrine disrupting chemicals and early menarche in a population-based cohort of British girls	2021	Marks et al.	Environ Pollut					
54	32		486	4	生殖・発生			Endocrine disruptors and neonatal anthropometry, NICHD Fetal Growth Studies - Singletons	2018	Buck Louis et al.	Environ Int					
55	33		510	4	生殖・発生			Prenatal Exposure to Per- and Polyfluoroalkyl Substances (PFASs) and Association between the Placental Transfer Efficiencies and Dissociation Constant of Serum Proteins-PFAS Complexes	2019	Gao et al.	Environ Sci Technol					
56	34		987	4	生殖・発生			Exposure to perfluorinated compounds and human semen quality in arctic and European populations	2012	Toft et al.	Hum Reprod					
57	35		997	4	生殖・発生			Association of perfluoroalkyl and polyfluoroalkyl substances with premature ovarian insufficiency in Chinese women	2018	Zhang et al.	J Clin Endocrinol Metab					
58	36		D645	4	生殖・発生			The effects of perfluoroalkyl and polyfluoroalkyl substances on female fertility: A systematic review and meta-analysis	2022	Wang et al.	Environ Res					
59	37		D650	4	生殖・発生			Global Exposure to Per- and Polyfluoroalkyl Substances and Associated Burden of Low Birthweight	2022	Fan et al.	Environ Sci Technol					

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60	38		D689	4	生殖・発生			Per- and polyfluoroalkyl substances exposure during pregnancy and adverse pregnancy and birth outcomes: A systematic review and meta-analysis	2021	Gao et al.	Environ Res					
61	39		D690	4	生殖・発生			Association between per- and polyfluoroalkyl substances and semen quality	2022	Wang et al.	Environ Sci Pollut Res Int					
62	40		D699	4	生殖・発生			Associations between exposure to perfluoroalkyl substances and birth outcomes: A meta-analysis	2022	Yang et al.	Chemosphere					

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1	1		1016	2	神経			Early-life exposure to persistent organic pollutants (OCPs, PBDEs, PCBs, PFASs) and attention-deficit/hyperactivity disorder: A multi-pollutant analysis of a Norwegian birth cohort	2019	Lenters et al.	Environ Int					
2	2		D976	2	神経			Childhood exposure to per- and polyfluoroalkyl substances and neurodevelopment in the CHARGE case-control study	2022	Oh et al.	Environ Res					
63	1		482	5	心血管			Association of perfluoroalkyl substances with gestational hypertension and preeclampsia in the MIREC study	2020	Borghese et al.	Environ Int					
64	2		860	5	心血管			Serum polyfluoroalkyl chemicals are associated with risk of cardiovascular diseases in national US population	2018	Huang et al.	Environ Int					
65	3		862	5	心血管			Association between perfluoroalkyl acids and the prevalence of hypertension among US adults	2020	Liao et al.	Ecotoxicol Environ Saf					
66	4		873	5	心血管			Perfluorooctanoic acid and cardiovascular disease in US adults	2012	Shankar et al.	Arch Intern Med					
67	1	1	POD7	7	代謝	コレステロール	EFSA 2018	Association between plasma PFOA and PFOS levels and total cholesterol in a middle-aged Danish population	2013	Eriksen et al.	PLoS One					
68	2	2	POD8	7	代謝	コレステロール	EFSA 2018	Exposure to Polyfluoroalkyl Chemicals and Cholesterol, Body Weight, and Insulin Resistance in the General US Population	2010	Nelson et al.	Environ Health Perspect					
69	3	3	POD9	7	代謝	コレステロール	EFSA 2018	Association of perfluorooctanoic acid and perfluorooctane sulfonate with serum lipids among adults living near a chemical plant	2009	Steenland et al.	Am J Epidemiol					
70	4	4	POD10	7	代謝	コレステロール	EPA 2023 (PFOS)	Using 2003-2014 U.S. NHANES data to determine the associations between per- and polyfluoroalkyl substances and cholesterol: Trend and implications.	2019	Dong et al.	Ecotoxicol Environ Saf					
71	5	5	754	7	代謝	コレステロール		The association between PFOA, PFOS and serum lipid levels in adolescents	2021	Geiger et al.	Chemosphere					
72	6	6	766	7	代謝	コレステロール		The association between perfluoroalkyl chemicals and serum lipid levels in children	2015	Zeng et al.	Sci Total Environ					

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73	7	7	779	7	代謝	コレステロール		Stochastic pharmacokinetic-pharmacodynamic modeling for assessing the systemic health risk of perfluorooctanoate (pfoa)	2018	Convertino et al.	Toxicol Sci					
74	8	8	788	7	代謝	コレステロール		Serum albumin mediates the effect of multiple per- and polyfluoroalkyl substances on serum lipid levels	2020	Fan et al.	Environ Pollut					
75	9	9	799	7	代謝	コレステロール		Associations between lipid/lipoprotein levels and perfluoroalkyl substances among US children aged 6-11 years	2018	Jain et al.	Environ Pollut					
76	10	10	807	7	代謝	コレステロール		The association between total serum isomers of per- and polyfluoroalkyl substances, lipid profiles, and the DNA oxidative/nitrative stress biomarkers in middle-aged Taiwanese adults	2020	Lin et al.	Environ Res					
77	11	11	810	7	代謝	コレステロール		Association among total serum isomers of perfluorinated chemicals, glucose homeostasis, lipid profiles, serum protein and metabolic syndrome in adults: NHANES, 2013-2014	2018	Liu et al.	Environ Pollut					
78	12	12	816	7	代謝	コレステロール		Exposure to Perfluoroalkyl Substances and Metabolic Outcomes in Pregnant Women: Evidence from the Spanish INMA Birth Cohorts	2017	Matilla-Santander et al.	Environ Health Perspect					
79	13	13	830	7	代謝	コレステロール		Examining confounding by diet in the association between perfluoroalkyl acids and serum cholesterol in pregnancy	2015	Skuladottir et al.	Environ Res					
80	14	14	853	7	代謝	コレステロール		Perfluoroalkyl substance mixtures and cardio-metabolic outcomes in highly exposed male workers in the Veneto Region: A mixture-based approach	2022	Batzella et al.	Environ Res					
81	15	15	854	7	代謝	コレステロール		PFAS Concentrations and Cardiometabolic Traits in Highly Exposed Children and Adolescents	2021	Canova et al.	Int J Environ Res Public Health					
82	16	16	943	7	代謝	コレステロール		The PFAS Health Study: Systematic Literature Review	2018	Kirk et al.	-					
83	17	1	672	7	代謝	グルコース等		Adiposity and glycemic control in children exposed to perfluorinated compounds	2014	Timmermann et al.	J Clin Endocrinol Metab					
84	18	2	768	7	代謝	グルコース等		Perfluoroalkyl substances, metabolomic profiling, and alterations in glucose homeostasis among overweight and obese Hispanic children: A proof-of-concept analysis	2019	Alderete et al.	Environ Int					
85	19	3	782	7	代謝	グルコース等		Longitudinal associations of exposure to perfluoroalkylated substances in childhood and adolescence and indicators of adiposity and glucose metabolism 6 and 12 years later: The European Youth Heart Study	2016	Domazet et al.	Diabetes Care					
86	20	4	831	7	代謝	グルコース等		The association between perfluoroalkyl substances and lipids in cord blood	2020	Spratlen et al.	J Clin Endocrinol Metab					

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87	21	5	D698	7	代謝	グルコース等		Environmental exposure to perfluoroalkyl substances in early pregnancy, maternal glucose homeostasis and the risk of gestational diabetes: A prospective cohort study	2021	Yu et al.	Environ Int					
88	22	6	D716	7	代謝	グルコース等		Early-life exposure to perfluoroalkyl substances in relation to serum adipokines in a longitudinal birth cohort	2022	Shih et al.	Environ Res					
89	23	1	775	7	代謝	メタボリックシンドローム		Association of perfluoroalkyl substances exposure with cardiometabolic traits in an island population of the eastern Adriatic coast of Croatia	2019	Chen et al.	Sci Total Environ					
90	24	2	777	7	代謝	メタボリックシンドローム		Perfluoroalkyl substances and metabolic syndrome	2019	Christensen et al.	Int J Hyg Environ Health					
91	25	3	840	7	代謝	メタボリックシンドローム		Association of serum levels of perfluoroalkyl substances (PFASs) with the metabolic syndrome (MetS) in Chinese male adults: A cross-sectional study	2018	Yang et al.	Sci Total Environ					
92	26	1	POD11	7	代謝 肝臓	肝臓	EPA 2023 (PFOS)	Liver function biomarkers disorder is associated with exposure to perfluoroalkyl acids in adults: Isomers of C8 Health Project in China	2019	Nian et al.	Environ Res					
93	27	2	POD12	7	代謝 肝臓	肝臓	EPA 2023 (PFOA)	Serum perfluorooctanoate (PFOA) and perfluorooctane sulfonate (PFOS) concentrations and liver function biomarkers in a population with elevated PFOA exposure.	2012	Gallo et al.	Environ Health Perspect					
94	28	3	732	7	代謝 肝臓	肝臓		Sex differences in the association between perfluoroalkyl acids and liver function in US adolescents: Analyses of NHANES 2013-2016	2019	Attanasio	Environ Pollut					
95	29	4	734	7	代謝 肝臓	肝臓		Modeled perfluorooctanoic acid (PFOA) exposure and liver function in a mid-Ohio valley community	2016	Darrow et al.	Environ Health Perspect					
96	30	5	737	7	代謝 肝臓	肝臓		Investigation of the Associations Between Low-Dose Serum Perfluorinated Chemicals and Liver Enzymes in US Adults	2010	Lin et al.	Am J Gastroenterol					
97	31	6	742	7	代謝 肝臓	肝臓		Environmental perfluoroalkyl acid exposures are associated with liver disease characterized by apoptosis and altered serum adipocytokines	2019	Bassler et al.	Environ Pollut					
98	32	7	1053	7	代謝 肝臓	肝臓		Associations of perfluorinated chemical serum concentrations and biomarkers of liver function and uric acid in the US population (NHANES), 2007-2010	2015	Gleason et al.	Environ Res					
99	33	8	D823	7	代謝 肝臓	肝臓		Per- and perfluoroalkyl substances alternatives, mixtures and liver function in adults: A community-based population study in China	2022	Liu et al.	Environ Int					

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100	34	9	D824	7	代謝 肝臓	肝臓		Individual and mixture associations of perfluoroalkyl substances on liver function biomarkers in the Canadian Health Measures Survey	2022	Borghese et al.	Environ Health					
101	1		858	8	腎臓 内分泌・代謝	尿酸		Positive association between perfluoroalkyl chemicals and hyperuricemia in children	2013	Geiger et al.	Am J Epidemiol					
102	2		1038	8	腎臓			Perfluoroalkyl substances and kidney function in chronic kidney disease, anemia, and diabetes	2018	Conway et al.	Diabetes Metab Syndr Obes					
103	3		1050	8	腎臓			Renal function and isomers of perfluorooctanoate (PFOA) and perfluorooctanesulfonate (PFOS): Isomers of C8 Health Project in China	2019	Wang et al.	Chemosphere					
104	4		1052	8	腎臓			Isomers of per- and polyfluoroalkyl substances and uric acid in adults: Isomers of C8 Health Project in China	2019	Zeng et al.	Environ Int					
105	5		D993	8	腎臓			Perfluoroalkyl substances (PFASs) exposure and kidney damage: Causal interpretation using the US 2003-2018 National Health and Nutrition Examination Survey (NHANES) datasets	2021	Moon et al.	Environ Pollut					
139	1		1427	a	~~リスク評価~~ レビュー			Cumulative risk assessment of 17 perfluoroalkylated and polyfluoroalkylated substances (PFASs) in the Swedish population	2013	Borg et al.	Environ Int					
140	2		1431	a	~~リスク評価~~ 方法論			Hazard quotient profiles used as a risk assessment tool for PFOS and PFOA serum levels in three distinctive European populations	2015	Ludwicki et al.	Environ Int					
141	3		D1338	a	~~リスク評価~~ 方法論			Derivation of a Human In Vivo Benchmark Dose for Perfluorooctanoic Acid From ToxCast In Vitro Concentration-Response Data Using a Computational Workflow for Probabilistic Quantitative In Vitro to In Vivo Extrapolation	2021	Loizou et al.	Front Pharmacol					
142	4		D1349	a	~~リスク評価~~ 分類			Commentary: cumulative risk assessment of perfluoroalkyl carboxylic acids and perfluoralkyl sulfonic acids: what is the scientific support for deriving tolerable exposures by assembling 27 PFAS into 1 common assessment group?	2022	Colnot et al.	Arch Toxicol					

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106	1	1	553	9	内分泌	甲状腺		Serum Biomarkers of Exposure to Perfluoroalkyl Substances in Relation to Serum Testosterone and Measures of Thyroid Function among Adults and Adolescents from NHANES 2011-2012	2015	Lewis et al.	Int J Environ Res Public Health				
107	2	2	946	9	内分泌	甲状腺		Perfluoroalkyl and polyfluroalkyl substances and maternal thyroid hormones in early pregnancy	2020	Aimuzi et al.	Environ Pollut				
108	3	3	959	9	内分泌	甲状腺		Association between organohalogenated pollutants in cord blood and thyroid function in newborns and mothers from Belgian population	2018	Dufour et al.	Environ Pollut				
109	4	4	960	9	内分泌	甲状腺		Pharmacokinetic bias analysis of an association between clinical thyroid disease and two perfluoroalkyl substances	2019	Dzierlenga et al.	Environ Int				
110	5	5	962	9	内分泌	甲状腺		Quantitative bias analysis of the association between subclinical thyroid disease and two perfluoroalkyl substances in a single study	2020	Dzierlenga et al.	Environ Res				
111	6	6	966	9	内分泌	甲状腺		Association between perfluoroalkyl substance exposure and thyroid hormone/thyroid antibody levels in maternal and cord blood: The Hokkaido Study	2019	Itoh et al.	Environ Int				
112	7	7	970	9	内分泌	甲状腺		Association of perfluorinated chemical exposure in utero with maternal and infant thyroid hormone levels in the Sapporo cohort of Hokkaido Study on the Environment and Children's Health	2016	Kato et al.	Environ Health Prev Med				
113	8	8	977	9	内分泌	甲状腺		Thyroid function and perfluoroalkyl acids in children living near a chemical plant	2012	Lopez-Espinosa et al.	Environ Health Perspect				
114	9	9	978	9	内分泌	甲状腺		Association between serum perfluorooctanoic acid (PFOA) and thyroid disease in the U.S. National Health and Nutrition Examination Survey	2010	Melzer et al.	Environ Health Perspect				
115	10	10	1010	9	内分泌	甲状腺		Perfluoroalkyl substances and thyroid stimulating hormone levels in a highly exposed population in the Veneto Region	2022	Gallo et al.	Environ Res				
116	11	11	D938	9	内分泌	甲状腺		Maternal Perfluoroalkyl Substances, Thyroid Hormones, and DIO Genes: A Spanish Cross-sectional Study	2021	Sarzo et al.	Environ Sci Technol				
117	12	1	772	9	内分泌	糖尿病		Plasma concentrations of per- and polyfluoroalkyl substances at baseline and associations with glycemic indicators and diabetes incidence among high-risk adults in the Diabetes Prevention Program trial	2017	Cardenas et al.	Environ Health Perspect				

通し No.			No.	エンドポイント		詳細	評価値算出機関	Title	年	著者	雑誌	[redacted]		[redacted]	
118	13	2	778	9	内分泌	糖尿病		Perfluoroalkyl substances in older male anglers in Wisconsin	2016	Christensen et al.	Environ Int				
119	14	3	793	9	内分泌	糖尿病		PFOA is associated with diabetes and metabolic alteration in US men: National Health and Nutrition Examination Survey 2003-2012	2018	He et al.	Sci Total Environ				
120	15	4	813	9	内分泌	糖尿病		Nonlinear associations between dietary exposures to perfluorooctanoic acid (PFOA) or perfluorooctane sulfonate (PFOS) and type 2 diabetes risk in women: Findings from the E3N cohort study	2018	Mancini et al.	Int J Hyg Environ Health				
121	16	5	833	9	内分泌	糖尿病		Plasma concentrations of perfluoroalkyl substances and risk of Type 2 diabetes: A prospective investigation among U.S. Women	2018	Sun et al.	Environ Health Perspect				
122	17	6	D627	9	内分泌	糖尿病		Association between per- and polyfluoroalkyl substances and risk of gestational diabetes mellitus	2022	Wang et al.	Int J Hyg Environ Health				
123	18	7	D773	9	内分泌	糖尿病		Endocrine-disrupting chemicals and the risk of gestational diabetes mellitus: a systematic review and meta-analysis	2022	Yan et al.	Environ Health				
124	19		529	9	内分泌			Prenatal exposure to perfluorodecanoic acid is associated with lower circulating concentration of adrenal steroid metabolites during mini puberty in human female infants. The Odense Child Cohort	2020	Jensen et al.	Environ Res				
125	20		657	9	内分泌			Perfluoroalkyl substances and ovarian hormone concentrations in naturally cycling women	2015	Barrett et al.	Fertil Steril				
126	1	POD13		10	発がん性		EPA 2023 (PFOA)	Serum concentrations of per- and polyfluoroalkyl substances and risk of renal cell carcinoma	2020	Shearer et al.	J Natl Cancer Inst				
127	2	POD14		10	発がん性		EPA 2023 (PFOS)	Exposure to perfluoroalkyl substances and risk of hepatocellular carcinoma in a multiethnic cohort	2022	Goodrich et al.	JHEP Rep				

通し No.		No.	エンドポイント		詳細	評価値算出機関	Title	年	著者	雑誌
128	3	696	10	発がん性			Perfluorooctanoic acid (PFOA) exposures and incident cancers among adults living near a chemical plant	2019	Barry et al.	Environ Health Perspect
129	4	697	10	発がん性			Critical Review on PFOA, Kidney Cancer, and Testicular Cancer	2020	Bartell and Vieira	J Air Waste Manag Assoc
130	5	701	10	発がん性			A critical review of perfluorooctanoate and perfluorooctanesulfonate exposure and cancer risk in humans	2014	Chang et al.	Crit Rev Toxicol
131	6	704	10	発がん性			Perfluorooctanoate and perfluorooctanesulfonate plasma levels and risk of cancer in the general Danish population	2009	Eriksen et al.	J Natl Cancer Inst
132	7	718	10	発がん性			Perfluorinated alkylated substances serum concentration and breast cancer risk: Evidence from a nested case-control study in the French E3N cohort	2019	Mancini et al.	Int J Cancer
133	8	D794	10	発がん性			Associations between Polyfluoroalkyl Substances Exposure and Breast Cancer: A Meta-Analysis	2022	Jiang et al.	Toxics
134	9	D795	10	発がん性			Glioma is associated with exposure to legacy and alternative per- and polyfluoroalkyl substances	2023	Xie et al.	J Hazard Mater
135	10	D797	10	発がん性			Plasma perfluoroalkyl substance exposure and incidence risk of breast cancer: A case-cohort study in the Dongfeng-Tongji cohort	2022	Feng et al.	Environ Pollut
136	11	D991	10	発がん性			Risk assessment for PFOA and kidney cancer based on a pooled analysis of two studies	2022	Steenland et al.	Environ Int
137	1	1058	12	その他			Associations of serum perfluoroalkyl substance and vitamin D biomarker concentrations in NHANES, 2003-2010	2019	Etzel et al.	Int J Hyg Environ Health
138	2	1061	12	その他			Perfluoroalkyl substances and changes in bone mineral density: A prospective analysis in the POUNDS-LOST study	2019	Hu et al.	Environ Res