

Key search 1B (with NTP neurotoxicity terms)

In this guide

[In this guide](#)

1. [Annex A to TOX/2026/12 - Introduction](#)
2. [Key search 1 - Initial search 2022 Human studies \(PubMed\)](#)
3. [Key search 2 - Initial search 2022 Animal studies \(PubMed\)](#)
4. [Key search 3 - Targeted search on prospective human cohort studies on developmental neurotoxicity \(PubMed\)](#)
5. [Key search 4 - Targeted search on bone fractures and bone mineral density until 2003 \(PubMed\)](#)
6. [Key search 5 - Targeted search on effects on thyroid and exposure during pregnancy \(PubMed\)](#)
7. [Key search 6 - Initial search 2022 Human studies \(WoS\)](#)
8. [Key search 7 - Initial search 2022 Animal studies \(WoS\)](#)
9. [Key search 8 - Targeted search on prospective human cohort studies on developmental neurotoxicity \(WoS\)](#)
10. [Key search 9 - Targeted search on bone fractures and bone mineral density until 2003 \(WoS\)](#)
11. [Key search 10 - Targeted search on effects on thyroid and exposure during pregnancy \(WoS\)](#)
12. [NTP \(2024\)](#)
13. [HRB \(2022\)](#)
14. [CADTH \(2019\)](#)
15. [RSNZ \(2014\)](#)
16. [Updated searches](#)
17. [Key search 1B \(with NTP neurotoxicity terms\)](#)
18. [Key search 1C \(with NTP chemical terms\)](#)
19. [Key search 1D \(with TRACE chemical terms\)](#)
20. [Key search 1E \(retrospective, with NTP neurotoxicity terms\)](#)
21. [Key search 1F \(retrospective, with NTP chemical terms\)](#)
22. [Key search 2A - Animal studies \(PubMed\)](#)

23. [Key search 2B \(with NTP neurotoxicity terms\)](#)
24. [Key search 2C \(with NTP chemical terms\)](#)
25. [Key search 2D \(with TRACE chemical terms\)](#)
26. [Key search 2E \(retrospective, with NTP neurotoxicity terms\)](#)
27. [Key search 2F \(retrospective, with NTP chemical terms\)](#)
28. [Key search 3A - Targeted search on effects on thyroid and exposure during pregnancy \(PubMed\)](#)
29. [Key search 3B \(with NTP neurotoxicity terms\)](#)
30. [Key search 3C \(with NTP chemical terms\)](#)
31. [Key search 3D \(with TRACE chemical terms\)](#)
32. [Key search 3E \(retrospective, with NTP neurotoxicity terms\)](#)
33. [Key search 3F \(retrospective, with NTP chemical terms\)](#)
34. [Key search 4A - Targeted search on bone fractures and bone mineral density \(PubMed\)](#)
35. [Key search 5A - Targeted search on effects on thyroid and exposure during pregnancy \(PubMed\)](#)
36. [Key searches to be confirmed](#)
37. [Annex A to TOX/2026/12 - References](#)

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95. (((((((("Fluorides"[Mesh:NoExp] OR "Fluorides, Topical"[Mesh] OR "Sodium Fluoride"[Mesh] OR "Calcium Fluoride"[Mesh] OR "sulfuryl fluoride" [Supplementary Concept] OR "hexafluorosilicic acid" [Supplementary Concept] OR "hexafluorosilicate" [Supplementary Concept] OR "potassium fluoride" [Supplementary Concept] OR "ammonium fluoride" [Supplementary Concept] OR "boron trifluoride" [Supplementary Concept] OR Fluoride[tiab] OR Fluorides[tiab] OR "16984-48-8"[tiab] OR 16984488[tiab] OR "Fluoride ion"[tiab] OR "Sulfuryl fluoride"[tiab] OR "sulfonyl fluoride"[tiab] OR Vikane[tiab] OR "Fluorosilicic acid"[tiab] OR hydrofluorosilicate[tiab] OR "Sodium hexafluorosilicate"[tiab] OR "disodium hexafluorosilicate"[tiab] OR "sodium fluorosilicate"[tiab] OR "Sodium fluoride"[tiab] OR "Potassium fluoride"[tiab] OR "Calcium fluoride"[tiab] OR "Ammonium fluoride"[tiab] OR "Boron trifluoride"[tiab] OR "Diethyl ether-boron trifluoride"[tiab] OR (organopolysiloxanes[tiab] AND "fluorinated group*" [tiab])))) AND ("Liver Diseases"[Mesh] OR "Liver"[Mesh] OR "Kidney Diseases"[Mesh] OR "Kidney"[Mesh] OR "Creatinine"[Mesh] OR "Chemical and Drug Induced Liver Injury"[Mesh] OR "Gastrointestinal Tract"[Mesh] OR "Urinary Bladder"[Mesh] OR "Urinary Tract"[Mesh] OR "Urologic Diseases"[Mesh] OR "Pancreas"[Mesh] OR "Spleen"[Mesh] OR Hepat*[tiab] OR liver*[tiab] OR hepatotox*[tiab] OR

creatinine*[tiab] OR gamma-glutamyl*[tiab] OR transaminase*[tiab] OR aminotransferase*[tiab] OR kidney*[tiab] OR nephrotox*[tiab] OR renal[tiab] OR Bowel*[tiab] OR gastrointestinal*[tiab] OR Gut[tiab] OR Guts[tiab] OR Intestinal*[tiab] OR Urin*[tiab] OR Urogenital*[tiab] OR Pancrea*[tiab] OR Spleen[tiab] OR "Respiratory System"[Mesh] OR Alveol*[tiab] OR Bronch*[tiab] OR Larynx*[tiab] OR Lung*[tiab] OR Mucocil*[tiab] OR Nasal*[tiab] OR Naso*[tiab] OR Nose[tiab] OR Noses[tiab] OR Pharynx*[tiab] OR Pulmon*[tiab] OR "Respiratory system"[tiab] OR Rhino*[tiab] OR Trache*[tiab] OR "Attention"[Mesh] OR "Brain"[Mesh] OR "Brain/growth and development"[Mesh] OR "Cognition Disorders"[Mesh] OR "Cognition"[Mesh] OR "Dementia"[Mesh] OR "Intelligence Tests"[Mesh] OR "Intelligence"[Mesh] OR "Learning Disabilities"[Mesh] OR "Learning"[Mesh] OR "Memory and Learning Tests"[Mesh] OR "Memory Disorders"[Mesh] OR "Memory"[Mesh] OR "Nervous System Diseases"[Mesh] OR "Nervous System"[Mesh] OR "Neurobehavioral Manifestations"[Mesh] OR "Neurocognitive Disorders"[Mesh] OR "Neurodevelopmental disorders"[Mesh] OR "Neurotoxicity Syndromes"[Mesh] OR ((Attention[tiab] OR Behav*[tiab] OR Brain[tiab] OR Brains[tiab] OR cognit*[tiab] OR Coordination[tiab] OR develop*[tiab] OR neur*[tiab] OR nervous[tiab] OR mental[tiab]) AND (deficit*[tiab] OR diagnosis[tiab] OR diagnoses[tiab] OR disease*[tiab] OR disorder*[tiab] OR dysfunction*[tiab] OR impair*[tiab] OR manifestation*[tiab] OR problem*[tiab] OR retard*[tiab] OR syndrome*[tiab] OR patholog*[tiab])) OR (DNT[tiab] NOT dinitrotoluene[tiab]) OR "barnes maze"[tiab] OR "Biel Maze"[tiab] OR "Charcot-Marie-Tooth"[tiab] OR "Cincinnati Maze"[tiab] OR "Contextual Fear"[tiab] OR "developmental period*[tiab] OR "Guillain-Barre syndrome"[tiab] OR "IQ-test*[tiab] OR "Long term potentiation*[tiab] OR "maze-test*[tiab] OR "mental-recall*[tiab] OR "Morris water maze"[tiab] OR "nerve-transmi*[tiab] OR "Nervous system"[tiab] OR "Neuro-development*[tiab] OR "Neuro-genes*[tiab] OR "neuronal-transmi*[tiab] OR "neuro-transm*[tiab] OR "Novel Object recognition"[tiab] OR "passive avoidance"[tiab] OR "presynaptic-terminal*[tiab] OR "radial arm maze"[tiab] OR "Rey Osterieth Complex Figure"[tiab] OR "rheumatoid arthritis"[tiab] OR "scholastic-achievement*[tiab] OR "Sjogren's syndrome"[tiab] OR "spontaneous alternation"[tiab] OR "Synaptic circuit*[tiab] OR "Synaptic dysfunction*[tiab] OR "Synaptic impair*[tiab] OR "Synaptic net"[tiab] OR "Synaptic nets"[tiab] OR "Synaptic network*[tiab] OR "Synaptic plasticity"[tiab] OR "synaptic-neurotransmi*[tiab] OR "synaptic-transmi*[tiab] OR "trace fear"[tiab] OR Alzheimer*[tiab] OR Amnesia[tiab] OR behav*[tiab] OR Cerebell*[tiab] OR Cerebr*[tiab] OR Cortex[tiab] OR CVMT[tiab] OR Dementia[tiab] OR Hippocam*[tiab] OR intelligence[tiab] OR learn*[tiab] OR Locomot*[tiab] OR memory[tiab] OR Neocortex[tiab] OR Neuroanatom*[tiab] OR Neurobehav*[tiab] OR Neurocognit*[tiab] OR Neurodevelop*[tiab] OR

Neurodevelopment*[tiab] OR Neurogenes*[tiab] OR Neuropath*[tiab] OR Neurotox*[tiab] OR neurotransmi*[tiab] OR (((Aryl Hydrocarbon Hydroxylases[mh] OR Aryl Hydrocarbon Receptor Nuclear Translocator[mh] OR Behavior and Behavior Mechanisms[mh] OR Gene Expression Regulation[mh] OR Glucuronosyltransferase[mh] OR Intelligence tests[mh] OR Malate Dehydrogenase[mh] OR Mediator Complex Subunit 1[mh] OR Mental disorders[mh] OR Mental processes[mh] OR Monocarboxylic Acid Transporters[mh] OR Myelin Basic Protein[mh] OR nervous system[mh] OR nervous system diseases[mh] OR nervous system physiological phenomena[mh] OR Neurogranin[mh] OR Oligodendroglia[mh] OR Peroxisome Proliferator-Activated Receptors[mh] OR Psychological Phenomena and Processes[mh] OR Receptors, thyroid hormone[mh] OR Receptors, thyrotropin[mh] OR Retinoid X Receptors[mh] OR thyroid diseases[mh] OR thyroid hormones[mh] OR Thyrotropinreleasing hormone[mh] OR Thyroxine-Binding Proteins[mh] OR Pregnane X Receptor[supplementary concept] OR thyroid-hormone-receptor interacting protein[supplementary concept] OR Constitutive androstane receptor[supplementary concept] OR Academic performance[tiab] OR auditory[tiab] OR cortical[tiab] OR delayed development[tiab] OR developmental impairment[tiab] OR developmentaldelay*[tiab] OR developmental-disorder*[tiab] OR euthyroid[tiab] OR gait[tiab] OR glia*[tiab] OR gliogenesis[tiab] OR hyperactiv*[tiab] OR impulse-control[tiab] OR iodide peroxidase[tiab] OR IQ[tiab] OR ischemi*[tiab] OR locomotor[tiab] OR mental deficiency[tiab] OR mental development[tiab] OR mental illness[tiab] OR mental-deficit[tiab] OR mobility[tiab] OR mood[tiab] OR morris-maze[tiab] OR morris-water[tiab] OR motor abilit*[tiab] OR Motor activities[tiab] OR motor performance[tiab] OR nerve[tiab] OR neural[tiab] OR Neurocognitive impairment[tiab] OR neurodegenerat*[tiab] OR neurodisease*[tiab] OR neurologic*[tiab] OR neuromuscular[tiab] OR neuron*[tiab] OR obsessive compulsive[tiab] OR OCD[tiab] OR olfaction[tiab] OR olfactory[tiab] OR open-field-test[tiab] OR passive avoidance[tiab] OR plasticity[tiab] OR senil*[tiab] OR sociab*[tiab] OR speech*[tiab] OR spelling[tiab] OR stereotypic-movement*[tiab] OR synap*[tiab] OR tauopath*[tiab] OR Thyroglobulin[tiab] OR Thyroid disease*[tiab] OR thyroid gland[tiab] OR thyroid hormone*[tiab] OR thyronine*[tiab] OR visual motor[tiab] OR Visuospatial processing[tiab] OR water maze[tiab])) OR ((active-avoidance[tiab] OR ADHD[tiab] OR alzheimer*[tiab] OR amygdala[tiab] OR antisocial[tiab] OR anxiety[tiab] OR anxious[tiab] OR asperger*[tiab] OR attention deficit[tiab] OR autism[tiab] OR autistic[tiab] OR behavioral[tiab] OR behaviors[tiab] OR behavioural[tiab] OR behaviours[tiab] OR bipolar[tiab] OR cerebellum[tiab] OR cognition[tiab] OR cognitive[tiab] OR communicationdisorder*[tiab] OR comprehension[tiab] OR cranial[tiab] OR

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hypothalam*[tiab] OR hypothyroid*[tiab] OR impulsiv*[tiab] OR Intellectual
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bod*[tiab] OR long-term potentiation[tiab] OR long-term synaptic depression[tiab]
OR memory[tiab] OR mental disorder*[tiab] OR mental recall[tiab] OR
monoiodotyrosine[tiab] OR Motor activity[tiab] OR motor skill*[tiab] OR multiple
sclerosis[tiab] OR myxedema[tiab] OR Nervous system[tiab] OR nervous-
system[tiab] OR neurit*[tiab] OR optic[tiab] OR palsy[tiab] OR panic[tiab] OR
parahippocamp*[tiab] OR paranoia[tiab] OR paranoid[tiab] OR parkinson*[tiab]
OR perception[tiab] OR perforant*[tiab] OR personality[tiab] OR phobia[tiab] OR
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reflex[tiab] OR risk taking[tiab] OR schizophrenia[tiab] OR seizure*[tiab] OR
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OR chronic[tiab] OR fatal[tiab] OR harmful*[tiab] OR negative[tiab] OR
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response"[tiab] OR Hazard*[tiab] OR injurious[tiab] OR Intox*[tiab] OR LOEL[tiab]
OR LOAEL[tiab] OR "Lowest Observable Adverse effect level*" [tiab] OR "Lowest
Observed Adverse effect level*" [tiab] OR Malformation*[tiab] OR NOAEL[tiab] OR
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Level*" [tiab] OR "No Observed Adverse Effect Level*" [tiab] OR "No Observed
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Physiopatholog*[tiab] OR Toxic*[tiab] OR Unhealth*[tiab] OR Unsafe[tiab] OR

"Allergens"[Mesh] OR "Allergy and Immunology"[Mesh] OR "Asthma"[Mesh] OR "Hypersensitivity"[Mesh] OR "Immune System"[Mesh] OR "Immune System Diseases"[Mesh] OR "Immune System Phenomena"[Mesh] OR "Immunomodulation"[Mesh] OR "Immunologic Factors"[Mesh] OR allerg*[tiab] OR Antibod*[tiab] OR Antigen*[tiab] OR Asthma[tiab] OR Autoimmun*[tiab] OR "cell-mediated response"[tiab] OR Histamin*[tiab] OR Hypersensitiv*[tiab] OR "Humoral Response"[tiab] OR immun* [tiab] OR Leukocyt*[tiab] OR Lymphocyt*[tiab] OR sensitisation[tiab] OR sensitization[tiab] OR "T cell*" [tiab] OR "B cell*" [tiab] OR "Natural killer cell*" [tiab] OR Monocyt*[tiab] OR Neutrophil*[tiab] OR Dendritic cell*[tiab] OR Macrophage*[tiab] OR "Aneugens"[Mesh] OR "Aneuploidy"[Mesh] OR "Apoptosis"[Mesh] OR "Cell Cycle"[Mesh] OR "Cell Hypoxia"[Mesh] OR "Cell line"[Mesh] OR "Cell Proliferation"[Mesh] OR "Cell Survival"[Mesh] OR "Chromosome Aberrations"[Mesh] OR "Chromosomes"[Mesh] OR "Comet Assay"[Mesh] OR "Cytotoxicity Tests, Immunologic"[Mesh] OR "Cytotoxicity, Immunologic"[Mesh] OR "DNA Adducts"[Mesh] OR "DNA Damage"[Mesh] OR "DNA Fragmentation"[Mesh] OR "Free Radicals"[Mesh] OR "Genomic Instability"[Mesh] OR "Homeostasis"[Mesh] OR "Mutagenesis"[Mesh] OR "Mutagenicity Tests"[Mesh] OR "Mutagens" [Pharmacological Action] OR "Mutagens"[Mesh] OR "Mutation"[Mesh] OR "Oxidative Stress"[Mesh] OR "Reactive Oxygen Species"[Mesh] OR "Sister Chromatid Exchange"[Mesh] OR ((Cell[tiab] OR cells[tiab] OR cellular[tiab]) AND (hypoxi*[tiab] OR homeosta*[tiab] OR impairment*[tiab] OR necro*[tiab] OR toxicity[tiab] OR prolifer*[tiab] OR grow*[tiab] OR survival[tiab])) OR ((DNA[tiab] OR gene*[tiab]) AND (deletion[tiab] OR mutation[tiab] OR adducts[tiab] OR binding[tiab] OR break*[tiab] OR fragment*[tiab] OR damage*[tiab] OR impair*[tiab] OR inhibit*[tiab] OR lesion*[tiab] OR injur*[tiab] OR repair*[tiab])) OR "AMES assay"[tiab] OR "AMES test*" [tiab] OR Aneugen*[tiab] OR Aneuploid*[tiab] OR Antioxid*[tiab] OR Apopto* [tiab] OR Catalase[tiab] OR Chromatid*[tiab] OR Chromosom*[tiab] OR Cytogen*[tiab] OR cytotox*[tiab] OR Clastogen*[tiab] OR "COMET assay"[tiab] OR "COMET test*" [tiab] OR "Genetic material*" [tiab] OR Genotox*[tiab] OR "Genomic instability"[tiab] OR "glutathione peroxidase"[tiab] OR Heterozyg*[tiab] OR "Micronucleus assay"[tiab] OR "Micronucleus test*" [tiab] OR Mitogen*[tiab] OR Mutagen*[tiab] OR Mutation*[tiab] OR Necros*[tiab] OR Oxidat*[tiab] OR Peroxid*[tiab] OR Polymorph*[tiab] OR Radical[tiab] OR Radicals[tiab] OR "Reactive oxygen species"[tiab] OR ROS[tiab] OR "Superoxide-dismutase"[tiab] OR Transgen*[tiab] OR "Inflammation"[Mesh] OR "Inflammation Mediators"[Mesh] OR Angiotensin*[tiab] OR Chemokin*[tiab] OR Cytokin*[tiab] OR Inflam*[tiab] OR Kinin*[tiab] OR Neuroinflam*[tiab] OR Proinflam*[tiab] OR "Pro-inflam*" [tiab] OR Thromboinflam*[tiab] OR "Angiogenesis Inducing Agents" [Pharmacological

Action] OR "Angiogenesis Inducing Agents"[Mesh] OR "Carcinogenesis"[Mesh] OR
 "Carcinogenicity Tests"[Mesh] OR "Carcinogens"[Mesh] OR "Myelodysplastic-
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 "Neurodevelopmental disorders"[Mesh] OR "Embryonic and Fetal
 Development"[Mesh:NoExp] OR "Abortion, Spontaneous"[Mesh] OR "Abortion,
 Threatened"[Mesh] OR "Abortion, Veterinary"[Mesh] OR "Animals,
 Newborn"[Mesh] OR "Breast Feeding"[Mesh] OR "Congenital Abnormalities"[Mesh]
 OR "Congenital, Hereditary, and Neonatal Diseases and Abnormalities"[Mesh] OR
 "Embryo, Mammalian"[Mesh] OR "Embryonic Structures"[Mesh:noexp] OR
 "Estrous Cycle"[Mesh] OR "Fertility"[Mesh] OR "Fetal Diseases"[Mesh] OR "Fetal
 Growth Retardation"[Mesh] OR "Fetal Organ Maturity"[Mesh] OR "Fetus"[Mesh]
 OR "Genitalia"[Mesh] OR "Growth and Development"[Mesh] OR "Infant,
 Newborn"[Mesh] OR "Infertility"[Mesh] OR "Lactation"[Mesh] OR "Milk,
 Human"[Mesh] OR "Menstrual Cycle"[Mesh] OR "Organogenesis"[Mesh:NoExp] OR
 "Pregnancy Complications"[Mesh] OR "Pregnancy"[Mesh] OR "Prenatal
 Injuries"[Mesh] OR "Reproduction"[Mesh] OR "Reproductive Physiological
 Phenomena"[Mesh:noexp] OR "Spermatocytes"[Mesh] OR "Teratogenesis"[Mesh]
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 teratogen*[tiab] OR Testes[tiab] OR Testic*[tiab] OR Testis[tiab] OR Uterin*[tiab]
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 OR porcine[ti] OR murine[ti] OR sheep[ti] OR lambs[ti] OR pigs[ti] OR piglets[ti]
 OR rabbit[ti] OR rabbits[ti] OR cat[ti] OR cats[ti] OR dog[ti] OR dogs[ti] OR
 cattle[ti] OR bovine[ti] OR monkey[ti] OR monkeys[ti] OR trout[ti] OR
 marmoset*[ti]) NOT medline[sb])) NOT Perfluor*[tiab]) AND (("2024/01/24"[Date -
 Publication] : "2026/02/03"[Date - Publication])) AND (English[Language]).