

# CITATION REPORT

List of articles citing

**Ketamine anesthesia during the first week of life can cause long-lasting cognitive deficits in rhesus monkeys**

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**Neurotoxicology and Teratology, 2011, 33, 220-30.**

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#	Paper	IF	Citations
472	Are anaesthetics toxic to the brain?. <i>British Journal of Anaesthesia</i> , <b>2011</b> , 107, 30-7	5.4	117
471	Inhalational anesthetic agents in postoperative cognitive dysfunction. <b>2011</b> , 49, 123-4		1
470	SmartTots: a multidisciplinary effort to determine anesthetic safety in young children. <i>Anesthesia and Analgesia</i> , <b>2011</b> , 113, 963-4	3.9	16
469	Anesthesia and the developing brain: are we getting closer to understanding the truth?. <i>Current Opinion in Anaesthesiology</i> , <b>2011</b> , 24, 395-9	2.9	48
468	Inhalation anesthetic-induced neuronal damage in the developing rhesus monkey. <i>Neurotoxicology and Teratology</i> , <b>2011</b> , 33, 592-7	3.9	142
467	Review article: Neurotoxicity of anesthetic drugs in the developing brain. <i>Anesthesia and Analgesia</i> , <b>2011</b> , 113, 1170-9	3.9	131
466	Mediating Factors Associated With Pedestrian Injury in Children With Attention-Deficit/Hyperactivity Disorder. <b>2011</b> , 128, peds.2010-3829d-peds.2010-3829d		
465	Advanced pre-clinical research approaches and models to studying pediatric anesthetic neurotoxicity. <b>2012</b> , 3, 142		11
464	Anesthesia-induced developmental neurodegeneration: the role of neuronal organelles. <b>2012</b> , 3, 141		27
463	Long-term differences in language and cognitive function after childhood exposure to anesthesia. <b>2012</b> , 130, e476-85		431
462	Neuroanesthesiology update. <b>2012</b> , 24, 85-112		4
461	Feasibility and pilot study of the Pediatric Anesthesia NeuroDevelopment Assessment (PANDA) project. <b>2012</b> , 24, 382-8		74
460	Preclinical research into the effects of anesthetics on the developing brain: promises and pitfalls. <b>2012</b> , 24, 362-7		24
459	Neurotoxicity of general anesthetics: an update. <b>2012</b> , 18, 6232-40		51
458	MicroPET/CT Imaging of [18F]-FEPPA in the Nonhuman Primate: A Potential Biomarker of Pathogenic Processes Associated with Anesthetic-Induced Neurotoxicity. <b>2012</b> , 2012, 1-11		15
457	Neuropathological sequelae of developmental exposure to antiepileptic and anesthetic drugs. <b>2012</b> , 3, 120		28
456	Suspected opioid-induced hyperalgesia in an infant. <i>British Journal of Anaesthesia</i> , <b>2012</b> , 108, 116-8	5.4	17

455	Developmental synaptogenesis and general anesthesia: a kiss of death?. <b>2012</b> , 18, 6225-31		27
454	Circulating urine phthalates are not associated with a decline in cognition in adults and the elderly: NHANES, 1999-2002. <b>2012</b> , 39, 143-4		2
453	Anaesthesia-induced developmental neurotoxicity. <b>2012</b> , 18, 242-247		1
452	Inhalation Anesthesia-Induced Neuronal Damage and Gene Expression Changes in Developing Rat Brain. <b>2013</b> , 1, 1-9		5
451	Neurotoxicity of ketamine: known unknowns. <b>2012</b> , 40, 2518-9		11
450	Intrathecal clonidine in the neonatal rat: dose-dependent analgesia and evaluation of spinal apoptosis and toxicity. <i>Anesthesia and Analgesia</i> , <b>2012</b> , 115, 450-60	3.9	34
449	Ketamine alters the neurogenesis of rat cortical neural stem progenitor cells. <b>2012</b> , 40, 2407-16		57
448	General anesthetics in pediatric anesthesia: influences on the developing brain. <b>2012</b> , 13, 944-51		58
447	Mechanistic insights into neurotoxicity induced by anesthetics in the developing brain. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 6772-99	6.3	49
446	Behavioral effects of prenatal ketamine exposure in rhesus macaques are dependent on MAOA genotype. <b>2012</b> , 20, 173-80		18
445	Which high-risk infants should we follow-up and how should we do it?. <b>2012</b> , 48, 789-93		27
444	Neuraxial analgesia in neonates and infants: a review of clinical and preclinical strategies for the development of safety and efficacy data. <i>Anesthesia and Analgesia</i> , <b>2012</b> , 115, 638-62	3.9	61
443	Anesthetics and sedatives: toxic or protective for the developing brain?. <b>2012</b> , 65, 271-4		26
442	Isoflurane-induced apoptosis of oligodendrocytes in the neonatal primate brain. <b>2012</b> , 72, 525-35		191
441	Developmental origins of adult diseases and neurotoxicity: epidemiological and experimental studies. <i>NeuroToxicology</i> , <b>2012</b> , 33, 810-6	4.4	46
440	New therapeutic advances in CNS injury and repair. <b>2012</b> , 12, 901-5		4
439	The effect of general anesthesia and strabismus surgery on the intellectual abilities of children: a pilot study. <b>2012</b> , 153, 609-13		14
438	Is lead exposure in early life an environmental risk factor for Schizophrenia? Neurobiological connections and testable hypotheses. <i>NeuroToxicology</i> , <b>2012</b> , 33, 560-74	4.4	68

437	The use of an incremental repeated acquisition task to assess learning in children. <b>2012</b> , 91, 103-14		14
436	Ketamine potentiates hippocampal neurodegeneration and persistent learning and memory impairment through the PKC/ERK signaling pathway in the developing brain. <b>2012</b> , 1476, 164-71		76
435	Anesthetic neurotoxicity. <b>2012</b> , 30, 207-28		36
434	Anesthetic-related neurotoxicity and the developing brain: shall we change practice?. <b>2012</b> , 14, 13-21		20
433	Attention-deficit/hyperactivity disorder after early exposure to procedures requiring general anesthesia. <b>2012</b> , 87, 120-9		298
432	Maternal anesthesia and fetal neurodevelopment. <b>2012</b> , 21, 152-62		70
431	Behavioral toxicology of cognition: extrapolation from experimental animal models to humans: behavioral toxicology symposium overview. <i>Neurotoxicology and Teratology</i> , <b>2012</b> , 34, 263-73	3.9	17
430	Clonidine abolishes the adverse effects on apoptosis and behaviour after neonatal ketamine exposure in mice. <b>2012</b> , 56, 1058-65		34
429	Downregulation in the human and mice cerebella after ketamine versus ketamine plus ethanol treatment. <b>2012</b> , 75, 258-64		14
428	Developmental disability in the young and postoperative cognitive dysfunction in the elderly after anesthesia and surgery: do data justify changing clinical practice?. <b>2012</b> , 79, 75-94		13
427	Gender-specific differences in the central nervous system's response to anesthesia. <b>2013</b> , 4, 462-75		7
426	Alcohol-induced apoptosis of oligodendrocytes in the fetal macaque brain. <b>2013</b> , 1, 23		47
425	Functional implications of an early exposure to general anesthesia: are we changing the behavior of our children?. <b>2013</b> , 48, 288-93		25
424	Neurotoxicity, General Anesthesia, and the Developing Brain: What have We Learned from the Human Studies so Far?. <b>2013</b> , 3, 175-183		5
423	Anesthesia and Apoptosis in the Developing Brain: An Update. <b>2013</b> , 3, 57-63		1
422	Sedation and analgesia to facilitate mechanical ventilation. <b>2013</b> , 40, 539-58		9
421	[Basic aspects of the potential toxicity of anesthetic drugs]. <b>2013</b> , 20, 1059-66		2
420	Neurodevelopmental implications of the use of sedation and analgesia in neonates. <b>2013</b> , 40, 559-73		38

419	Early life exposure to sevoflurane impairs adulthood spatial memory in the rat. <i>NeuroToxicology</i> , <b>2013</b> , 39, 45-56	4.4	61
418	Sevoflurane induces short-term changes in proteins in the cerebral cortices of developing rats. <b>2013</b> , 57, 380-90		36
417	Effects of General Anesthesia During Pregnancy on the Child's Ability to Learn. <b>2013</b> , 31, 595-607		1
416	JNK pathway may be involved in isoflurane-induced apoptosis in the hippocampi of neonatal rats. <b>2013</b> , 545, 17-22		43
415	The blockade of NMDA receptor ion channels by ketamine is enhanced in developing rat cortical neurons. <b>2013</b> , 539, 11-5		28
414	Acetyl L-carnitine protects motor neurons and Rohon-Beard sensory neurons against ketamine-induced neurotoxicity in zebrafish embryos. <i>Neurotoxicology and Teratology</i> , <b>2013</b> , 39, 69-76	3.9	39
413	Urinary environmental chemical concentrations and vitamin D are associated with vision, hearing, and balance disorders in the elderly. <b>2013</b> , 53, 41-6		27
412	Ketamine pharmacology: an update (pharmacodynamics and molecular aspects, recent findings). <b>2013</b> , 19, 370-80		317
411	Procedural pediatric dermatology. <b>2013</b> , 31, 337-46		5
410	Sédation en réanimation pédiatrique. <b>2013</b> , 257-282		
409	Developmental neurotoxicity of ketamine in pediatric clinical use. <b>2013</b> , 220, 53-60		73
408	[Neurotoxicity of general anesthetics in childhood: does anesthesia leave its mark on premature babies, newborns and infants?]. <b>2013</b> , 62, 91-100		9
407	[Anesthesia-induced neurotoxicity: statement of the scientific working groups for pediatric anesthesia and neuroanesthesia]. <b>2013</b> , 62, 101-4		3
406	Toxicité des anesthésiques sur le cerveau du nouveau-né <b>2013</b> , 5, 219-221		
405	Preclinical non-human models to combat dementia. <b>2013</b> , 20, 24-9		2
404	Mitochondrial protectant pramipexole prevents sex-specific long-term cognitive impairment from early anaesthesia exposure in rats. <i>British Journal of Anaesthesia</i> , <b>2013</b> , 110 Suppl 1, i47-52	5.4	48
403	Distinct long-term neurocognitive outcomes after equipotent sevoflurane or isoflurane anaesthesia in immature rats. <i>British Journal of Anaesthesia</i> , <b>2013</b> , 110 Suppl 1, i39-46	5.4	51
402	Anesthetic neurotoxicity in the newborn and infant. <i>Current Opinion in Anaesthesiology</i> , <b>2013</b> , 26, 535-42.	9	34

401 Current World Literature. **2013**, 26, 295-303

400	Anesthesia for the young child undergoing ambulatory procedures: current concerns regarding harm to the developing brain. <i>Current Opinion in Anaesthesiology</i> , <b>2013</b> , 26, 677-84	2.9	33
399	Ketamine-induced neuronal damage and altered N-methyl-D-aspartate receptor function in rat primary forebrain culture. <b>2013</b> , 131, 548-57		104
398	Anaesthetic neurotoxicity and neuroplasticity: an expert group report and statement based on the BJA Salzburg Seminar. <i>British Journal of Anaesthesia</i> , <b>2013</b> , 111, 143-51	5.4	186
397	Propofol-induced apoptosis of neurones and oligodendrocytes in fetal and neonatal rhesus macaque brain. <i>British Journal of Anaesthesia</i> , <b>2013</b> , 110 Suppl 1, i29-38	5.4	299
396	Anesthetic-related neurotoxicity in young children: an update. <i>Current Opinion in Anaesthesiology</i> , <b>2013</b> , 26, 340-7	2.9	14
395	Preclinical assessment of ketamine. <b>2013</b> , 19, 448-53		33
394	Developmental neurotoxicity of alcohol and anesthetic drugs is augmented by co-exposure to caffeine. <b>2013</b> , 3, 1128-52		12
393	Drug-Induced Apoptosis: Mechanism by which Alcohol and Many Other Drugs Can Disrupt Brain Development. <b>2013</b> , 3, 1153-81		41
392	Educational outcome in adolescence following pyloric stenosis repair before 3 months of age: a nationwide cohort study. <i>Paediatric Anaesthesia</i> , <b>2013</b> , 23, 883-90	1.8	75
391	Pharmacology of Inhaled Anesthetics. <b>2013</b> , 159-179		1
390	Role of glycogen synthase kinase-3 $\beta$ in ketamine-induced developmental neuroapoptosis in rats. <i>British Journal of Anaesthesia</i> , <b>2013</b> , 110 Suppl 1, i3-9	5.4	32
389	Impact of anaesthetics and surgery on neurodevelopment: an update. <i>British Journal of Anaesthesia</i> , <b>2013</b> , 110 Suppl 1, i53-72	5.4	148
388	Intravenous Anesthetics. <b>2013</b> , 137-158		1
387	Safety of procedural sedation in pregnancy. <b>2013</b> , 35, 168-173		20
386	Current world literature. <i>Current Opinion in Anaesthesiology</i> , <b>2013</b> , 26, 391-401	2.9	
385	Early developmental exposure to volatile anesthetics causes behavioral defects in <i>Caenorhabditis elegans</i> . <i>Anesthesia and Analgesia</i> , <b>2013</b> , 116, 185-9	3.9	42
384	Protective Effects of Acetyl L-Carnitine on Inhalation Anesthetic-Induced Neuronal Damage in the Nonhuman Primate. <b>2013</b> , 1,		

383	Current clinical evidence on the effect of general anesthesia on neurodevelopment in children: an updated systematic review with meta-regression. <b>2014</b> , 9, e85760		100
382	Impact of ketamine on learning and memory function, neuronal apoptosis and its potential association with miR-214 and PTEN in adolescent rats. <b>2014</b> , 9, e99855		32
381	Effects of vitamin C on inhalation anesthetic isoflurane-induced developmental, neuronal apoptosis in neonatal rats. <b>2014</b> , 9,		1
380	Anaesthetics-induced neurotoxicity in developing brain: an update on preclinical evidence. <b>2014</b> , 4, 136-49		27
379	Inhibition of acetylcholinesterase modulates NMDA receptor antagonist mediated alterations in the developing brain. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 3784-98	6.3	4
378	Positron Emission Tomography with [(18)F]FLT Revealed Sevoflurane-Induced Inhibition of Neural Progenitor Cell Expansion in vivo. <b>2014</b> , 5, 234		10
377	Investigation of cerebral autoregulation in the newborn piglet during anaesthesia and surgery. <b>2014</b> , 812, 165-171		
376	Ketamine attenuates cytochrome p450 aromatase gene expression and estradiol-17 $\beta$ levels in zebrafish early life stages. <b>2014</b> , 34, 480-8		25
375	General anaesthetics and the developing brain: an overview. <b>2014</b> , 69, 1009-22		96
374	Anesthetic neurotoxicity: what to tell the parents?. <i>Paediatric Anaesthesia</i> , <b>2014</b> , 24, 120-6	1.8	39
373	Controversies in Pediatric Anesthesia. <b>2014</b> , 42, 136-143		
372	Clinical research into anesthetic neurotoxicity: does anesthesia cause neurological abnormalities in humans?. <b>2014</b> , 26, 349-57		35
371	Good gas, bad gas: isoflurane, carbon monoxide, and which is which?. <i>Anesthesia and Analgesia</i> , <b>2014</b> , 118, 1160-2	3.9	1
370	Down-regulation of microRNA-21 is involved in the propofol-induced neurotoxicity observed in human stem cell-derived neurons. <i>Anesthesiology</i> , <b>2014</b> , 121, 786-800	4.3	67
369	Surgery and neurodevelopmental outcome of very low-birth-weight infants. <b>2014</b> , 168, 746-54		66
368	The neurotoxicity of nitrous oxide: the facts and "putative" mechanisms. <b>2014</b> , 4, 73-90		44
367	Ketamine inhibits proliferation of neural stem cell from neonatal rat hippocampus in vitro. <b>2014</b> , 34, 1792-801		19
366	Dual effects of ketamine: neurotoxicity versus neuroprotection in anesthesia for the developing brain. <b>2014</b> , 26, 155-60		66

365	Neurodevelopmental outcomes after initial childhood anesthetic exposure between ages 3 and 10 years. <b>2014</b> , 26, 377-86		44
364	Repeated exposure to anesthetic ketamine can negatively impact neurodevelopment in infants: a prospective preliminary clinical study. <b>2014</b> , 29, 1333-8		41
363	Symposia. <b>2014</b> , 210, 6-47		
362	17 $\beta$ -estradiol attenuates ketamine-induced neuroapoptosis and persistent cognitive deficits in the developing brain. <b>2014</b> , 1593, 30-9		15
361	Regenerative toxicology: the role of stem cells in the development of chronic toxicities. <b>2014</b> , 10, 39-50		12
360	Patient Safety in Surgery. <b>2014</b> ,		5
359	III. Animal behaviour testing: memory. <i>British Journal of Anaesthesia</i> , <b>2014</b> , 113, 6-9	5-4	5
358	Behavioral and neurochemical changes induced by repetitive combined treatments of ketamine and amphetamine in mice. <b>2014</b> , 39, 2180-8		4
357	Anesthetic neurotoxicity. <b>2014</b> , 32, 133-55		71
356	Neonatal ketamine exposure causes impairment of long-term synaptic plasticity in the anterior cingulate cortex of rats. <b>2014</b> , 268, 309-17		21
355	Juvenile exposure to ketamine causes delayed emergence of EEG abnormalities during adulthood in mice. <b>2014</b> , 134, 123-127		10
354	Effect of general anesthesia in infancy on long-term recognition memory in humans and rats. <b>2014</b> , 39, 2275-87		101
353	Ketamine NMDA receptor-independent toxicity during zebrafish ( <i>Danio rerio</i> ) embryonic development. <i>Neurotoxicology and Teratology</i> , <b>2014</b> , 41, 27-34	3-9	49
352	Neurotoxic effects of dexmedetomidine in fetal cynomolgus monkey brains. <b>2014</b> , 39, 251-62		40
351	Isoflurane-induced apoptosis of neurons and oligodendrocytes in the fetal rhesus macaque brain. <i>Anesthesiology</i> , <b>2014</b> , 120, 626-38	4-3	140
350	Cognitive outcome after spinal anesthesia and surgery during infancy. <i>Anesthesia and Analgesia</i> , <b>2014</b> , 119, 651-660	3-9	25
349	Early ketamine exposure results in cardiac enlargement and heart dysfunction in <i>Xenopus</i> embryos. <b>2016</b> , 16, 23		12
348	Neonatal exposure to sevoflurane may not cause learning and memory deficits and behavioral abnormality in the childhood of <i>Cynomolgus</i> monkeys. <b>2015</b> , 5, 11145		44



347	Multiple Anesthetic Exposure in Infant Monkeys Alters Emotional Reactivity to an Acute Stressor. <i>Anesthesiology</i> , <b>2015</b> , 123, 1084-92	4-3	120
346	Altered Mitochondrial Dynamics Contributes to Propofol-induced Cell Death in Human Stem Cell-derived Neurons. <i>Anesthesiology</i> , <b>2015</b> , 123, 1067-83	4-3	42
345	Repeated exposure to ketamine-xylazine during early development impairs motor learning-dependent dendritic spine plasticity in adulthood. <i>Anesthesiology</i> , <b>2015</b> , 122, 821-31	4-3	26
344	Neonatal Anesthesia Neurotoxicity: A Review for Cleft and Craniofacial Surgeons. <b>2015</b> , 52, 494-8		6
343	MicroRNAs: New Players in Anesthetic-Induced Developmental Neurotoxicity. <b>2015</b> , 6, 357		12
342	Ketamine causes mitochondrial dysfunction in human induced pluripotent stem cell-derived neurons. <b>2015</b> , 10, e0128445		43
341	Role of ketamine in acute postoperative pain management: a narrative review. <b>2015</b> , 2015, 749837		55
340	A holistic view of anesthesia-related neurotoxicity in children. <b>2015</b> , 131		
339	Neuroprotective effects of pterostilbene against isoflurane-induced apoptosis through regulating the JNK and PI3K/Akt pathway in neonatal rats. <b>2015</b> , 10,		0
338	Anesthesia and Ancillary Drugs and the Neonate. <b>2015</b> , 67-130		1
337	Cognition and Brain Structure Following Early Childhood Surgery With Anesthesia. <b>2015</b> , 136, e1-12		168
336	Selection of Anesthesia Techniques for the Neonate. <b>2015</b> , 131-152		
335	Impaired cognitive performance in premature newborns with two or more surgeries prior to term-equivalent age. <b>2015</b> , 78, 323-9		18
334	Sevoflurane aggregates cognitive dysfunction and hippocampal oxidative stress induced by $\beta$ -amyloid in rats. <b>2015</b> , 143, 194-201		21
333	Ketamine interferes with the proliferation and differentiation of neural stem cells in the subventricular zone of neonatal rats. <b>2015</b> , 35, 315-25		29
332	Neurodevelopment of children exposed to anesthesia: design of the Mayo Anesthesia Safety in Kids (MASK) study. <b>2015</b> , 41, 45-54		83
331	General and local anesthetics and muscle relaxants. <b>2015</b> , 451-465		0
330	Prenatal and perinatal anesthesia and the long-term cognitive sequelae: a review. <b>2015</b> , 4, 65-71		13

329	Perils of paediatric anaesthesia and novel molecular approaches: An evidence-based review. <b>2015</b> , 59, 272-81		4
328	Ketamine-Induced Toxicity in Neurons Differentiated from Neural Stem Cells. <b>2015</b> , 52, 959-69		28
327	The uncomfortable reality ¶We simply do not know if general anesthesia negatively impacts the neurocognitive development of our small children. <b>2015</b> , 79, 1379-81		24
326	Long-term NMDA receptor inhibition affects NMDA receptor expression and alters glutamatergic activity in developing rat hippocampal neurons. <b>2015</b> , 333, 147-155		11
325	Anesthetics and the Developing Brain: The Yin and Yang. <b>2015</b> , 5, 177-189		1
324	Neurodevelopmental implications of the general anesthesia in neonate and infants. <b>2015</b> , 272, 50-60		63
323	Expanding the test set: Chemicals with potential to disrupt mammalian brain development. <i>Neurotoxicology and Teratology</i> , <b>2015</b> , 52, 25-35	3.9	56
322	Early Exposure to General Anesthesia Disrupts Spatial Organization of Presynaptic Vesicles in Nerve Terminals of the Developing Rat Subiculum. <b>2015</b> , 52, 942-51		11
321	Delayed emergence of behavioral and electrophysiological effects following juvenile ketamine exposure in mice. <b>2015</b> , 5, e635		19
320	Emergency Neurological Life Support: Airway, Ventilation, and Sedation. <b>2015</b> , 23 Suppl 2, S5-22		17
319	Potential Adverse Effects of Prolonged Sevoflurane Exposure on Developing Monkey Brain: From Abnormal Lipid Metabolism to Neuronal Damage. <b>2015</b> , 147, 562-72		59
318	Anesthesia-related neurotoxicity and the developing animal brain is not a significant problem in children. <i>Paediatric Anaesthesia</i> , <b>2015</b> , 25, 65-72	1.8	77
317	Reference compounds for alternative test methods to indicate developmental neurotoxicity (DNT) potential of chemicals: example lists and criteria for their selection and use. <b>2017</b> , 34, 49-74		76
316	Impact of Early Life Ketamine Exposure on the Developing Brain and Cognitive Sequelae: A Discussion of Apoptotic Neurodegeneration Mechanisms. <b>2016</b> , 581-592		1
315	Repeated Isoflurane Exposures Impair Long-Term Potentiation and Increase Basal GABAergic Activity in the Basolateral Amygdala. <b>2016</b> , 2016, 8524560		9
314	Basic cellular and molecular mechanisms of anesthetic-induced developmental neurotoxicity: Potential strategies for alleviation. <b>2016</b> , 03, 015-024		2
313	Emerging Roles for MicroRNAs in Perioperative Medicine. <i>Anesthesiology</i> , <b>2016</b> , 124, 489-506	4.3	46
312	Dexmedetomidine Attenuates Neurotoxicity Induced by Prenatal Propofol Exposure. <b>2016</b> , 28, 51-64		53

311	In Vivo Monitoring of Sevoflurane-induced Adverse Effects in Neonatal Nonhuman Primates Using Small-animal Positron Emission Tomography. <i>Anesthesiology</i> , <b>2016</b> , 125, 133-46	4.3	39
310	Etomidate exposure in early infant mice (P10) does not induce apoptosis or affect behaviour. <b>2016</b> , 60, 588-96		8
309	Prenatal ketamine exposure causes abnormal development of prefrontal cortex in rat. <b>2016</b> , 6, 26865		26
308	Early-life single-episode sevoflurane exposure impairs social behavior and cognition later in life. <b>2016</b> , 6, e00514		15
307	Lithium Protects Against Anaesthesia Neurotoxicity In The Infant Primate Brain. <b>2016</b> , 6, 22427		28
306	Distinct effects of ketamine and acetyl L-carnitine on the dopamine system in zebrafish. <i>Neurotoxicology and Teratology</i> , <b>2016</b> , 54, 52-60	3.9	23
305	Neurocognitive Adverse Effects of Anesthesia in Adults and Children: Gaps in Knowledge. <b>2016</b> , 39, 613-26		7
304	Single and repeated exposures to the volatile anesthetic isoflurane do not impair operant performance in aged rats. <i>NeuroToxicology</i> , <b>2016</b> , 56, 159-169	4.4	6
303	The effect of anaesthesia on the infant brain. <b>2016</b> , 102, 37-40		20
302	General Anesthetics and Neurotoxicity: How Much Do We Know?. <b>2016</b> , 34, 439-51		56
301	A systematic review of methodology applied during preclinical anesthetic neurotoxicity studies: important issues and lessons relevant to the design of future clinical research. <i>Paediatric Anaesthesia</i> , <b>2016</b> , 26, 6-36	1.8	50
300	Role of mitochondrial complex I and protective effect of CoQ10 supplementation in propofol induced cytotoxicity. <b>2016</b> , 48, 413-23		15
299	Reactive Oxygen Species-mediated Loss of Phenotype of Parvalbumin Interneurons Contributes to Long-term Cognitive Impairments After Repeated Neonatal Ketamine Exposures. <b>2016</b> , 30, 593-605		18
298	Post-anesthesia AMPA receptor potentiation prevents anesthesia-induced learning and synaptic deficits. <b>2016</b> , 8, 344ra85		25
297	Lasting impact of general anaesthesia on the brain: mechanisms and relevance. <b>2016</b> , 17, 705-717		225
296	Molecular Mechanisms of Anesthetic Neurotoxicity: A Review of the Current Literature. <b>2016</b> , 28, 361-372		23
295	Report on the Fifth PANDA Symposium on "Anesthesia and Neurodevelopment in Children". <b>2016</b> , 28, 350-355		7
294	The rise and fall of anaesthesia-related neurotoxicity and the immature developing human brain. <b>2016</b> , 60, 280-3		10

293	Association Between a Single General Anesthesia Exposure Before Age 36 Months and Neurocognitive Outcomes in Later Childhood. <b>2016</b> , 315, 2312-20		508
292	Cognitive Dysfunction in Children with Heart Disease: The Role of Anesthesia and Sedation. <b>2016</b> , 11, 221-9		14
291	Learning, memory and synaptic plasticity in hippocampus in rats exposed to sevoflurane. <b>2016</b> , 48, 38-49		81
290	Anaesthesia associated developmental neurotoxicity (AADN) 2015. <b>2016</b> , 22, 4-13		
289	Ketamine-A Narrative Review of Its Uses in Medicine. <b>2016</b> , 23, e1414-e1426		18
288	Toxicity testing and drug screening using iPSC-derived hepatocytes, cardiomyocytes, and neural cells. <b>2016</b> , 94, 687-94		29
287	An Introduction to the Smart Tots Consensus Statement on the Use of Anesthetic and Sedative Drugs in Infants and Toddlers. <b>2016</b> , 31, 3-10		12
286	Dexmedetomidine and ketamine show distinct patterns of cell degeneration and apoptosis in the developing rat neonatal brain. <b>2016</b> , 29, 3827-33		23
285	Ketamine Affects the Neurogenesis of the Hippocampal Dentate Gyrus in 7-Day-Old Rats. <b>2016</b> , 30, 185-98		31
284	Preclinical neuroprotective actions of xenon and possible implications for human therapeutics: a narrative review. <b>2016</b> , 63, 212-26		18
283	Multiple sevoflurane exposures in infant monkeys do not impact the mother-infant bond. <i>Neurotoxicology and Teratology</i> , <b>2016</b> , 54, 46-51	3.9	18
282	Anaesthetics, infants, and neurodevelopment: case closed?. <b>2016</b> , 387, 202-4		16
281	Novel advances in shotgun lipidomics for biology and medicine. <b>2016</b> , 61, 83-108		170
280	Perioperative Medicine in Pediatric Anesthesia. <i>Anesthesia, Intensive Care and Pain in Neonates and Children</i> , <b>2016</b> ,	2.1	3
279	Neurodevelopmental outcome at 2 years of age after general anaesthesia and awake-regional anaesthesia in infancy (GAS): an international multicentre, randomised controlled trial. <b>2016</b> , 387, 239-50		598
278	Anesthetic Ketamine-Induced DNA Damage in Different Cell Types In Vivo. <b>2016</b> , 53, 5575-81		11
277	Latent Class Analysis of Neurodevelopmental Deficit After Exposure to Anesthesia in Early Childhood. <b>2017</b> , 29, 264-273		22
276	General anesthetics and cytotoxicity: possible implications for brain health. <b>2017</b> , 40, 241-249		14

275	Dopamine Attenuates Ketamine-Induced Neuronal Apoptosis in the Developing Rat Retina Independent of Early Synchronized Spontaneous Network Activity. <b>2017</b> , 54, 3407-3417		6
274	Relationship between ketamine-induced developmental neurotoxicity and NMDA receptor-mediated calcium influx in neural stem cell-derived neurons. <i>NeuroToxicology</i> , <b>2017</b> , 60, 254-259	4-4	23
273	Pulsed dye laser treatment of capillary malformations in infants at 2-weekly versus 3-monthly intervals, reducing the need for general anaesthesia. <b>2017</b> , 58, 214-218		8
272	Anaesthetic considerations for surgery in newborns. <b>2017</b> , 102, F359-F363		28
271	Anesthesia, brain changes, and behavior: Insights from neural systems biology. <b>2017</b> , 153, 121-160		28
270	Pretreatment with minocycline restores neurogenesis in the subventricular zone and subgranular zone of the hippocampus after ketamine exposure in neonatal rats. <b>2017</b> , 352, 144-154		19
269	Shotgun lipidomics in substantiating lipid peroxidation in redox biology: Methods and applications. <b>2017</b> , 12, 946-955		49
268	Application of advanced preclinical models and methods in anesthetic neurotoxicity research. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 61, 1-6	3-9	5
267	Anesthetic Neurotoxicity in Congenital Hand Surgery: An Overview of the Evidence and Advice for Counseling Parents. <b>2017</b> , 42, 564-568		3
266	Preliminary assessment of midazolam, fentanyl and fluanisone combination for the sedation of rhesus macaques ( <i>Macaca mulatta</i> ). <b>2017</b> , 51, 405-411		2
265	Comparative Anesthesia and Analgesia of Laboratory Animals. <b>2017</b> , 754-763		7
264	Association between Exposure of Young Children to Procedures Requiring General Anesthesia and Learning and Behavioral Outcomes in a Population-based Birth Cohort. <i>Anesthesiology</i> , <b>2017</b> , 127, 227-240	4-3	125
263	Single bolus low-dose of ketamine does not prevent postpartum depression: a randomized, double-blind, placebo-controlled, prospective clinical trial. <b>2017</b> , 295, 1167-1174		31
262	Neurodevelopmental outcomes in infants undergoing general anesthesia. <b>2017</b> , 52, 895-900		13
261	Carbon monoxide incompletely prevents isoflurane-induced defects in murine neurodevelopment. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 61, 92-103	3-9	4
260	Development of a novel technique for bilateral rectus sheath nerve blocks under laparoscopic-guidance. <b>2017</b> , 52, 966-969		7
259	Anesthetic-Related Neurotoxicity and Neuroimaging in Children: A Call for Conversation. <b>2017</b> , 32, 594-602		34
258	Behavioral alterations of zebrafish larvae after early embryonic exposure to ketamine. <b>2017</b> , 234, 549-558		29

257	A holistic approach to anesthesia-induced neurotoxicity and its implications for future mechanistic studies. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 60, 24-32	3.9	25
256	General Anesthesia During the Third Trimester: Any Link to Neurocognitive Outcomes?. <b>2017</b> , 35, 69-80		10
255	Behind the Black Box: The Evidence for the U.S. Food and Drug Administration Warning about the Risk of General Anesthesia in Children Younger than 3 Years. <b>2017</b> , 140, 787-792		22
254	Anesthetics and Cognitive Impairments in Developing Children: What Is Our Responsibility?. <b>2017</b> , 171, 1135-1136		7
253	More than 3 hours and less than 3 years old. Safety of anesthetic procedures in children under 3 years of age, subject to surgeries of more than 3 hours. <b>2017</b> , 64, 577-584		
252	Dexmedetomidine-mediated neuroprotection against sevoflurane-induced neurotoxicity extends to several brain regions in neonatal rats. <i>British Journal of Anaesthesia</i> , <b>2017</b> , 119, 506-516	5.4	88
251	Emergency Neurological Life Support: Airway, Ventilation, and Sedation. <b>2017</b> , 27, 4-28		22
250	More than 3 hours and less than 3 years old. Safety of anesthetic procedures in children under 3 years of age, subject to surgeries of more than 3 hours. <b>2017</b> , 64, 577-584		2
249	Duration of general anaesthetic exposure in early childhood and long-term language and cognitive ability. <i>British Journal of Anaesthesia</i> , <b>2017</b> , 119, 532-540	5.4	33
248	What do recent human studies tell us about the association between anaesthesia in young children and neurodevelopmental outcomes?. <i>British Journal of Anaesthesia</i> , <b>2017</b> , 119, 458-464	5.4	27
247	Pediatric Sedation: Safety and Outcomes. 267-275		
246	Ketamine suppresses the proliferation of rat C6 glioma cells. <b>2017</b> , 14, 4911-4917		1
245	Spatial and temporal boundaries of NMDA receptor hypofunction leading to schizophrenia. <b>2017</b> , 3, 7		55
244	Do anesthetics harm the developing human brain? An integrative analysis of animal and human studies. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 60, 117-128	3.9	86
243	Neonatal inhibition of Na-K-2Cl-cotransporter prevents ketamine induced spatial learning and memory impairments. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 60, 82-86	3.9	7
242	Neurogenesis and developmental anesthetic neurotoxicity. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 60, 33-39	3.9	23
241	Minimally invasive biomarkers of general anesthetic-induced developmental neurotoxicity. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 60, 95-101	3.9	11
240	Association of Anesthesia and Surgery During Childhood With Long-term Academic Performance. <b>2017</b> , 171, e163470		148

239	Isoflurane exposure leads to apoptosis of neurons and oligodendrocytes in 20- and 40-day old rhesus macaques. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 60, 63-68	3.9	43
238	Anesthetic Neurotoxicity: New Findings and Future Directions. <b>2017</b> , 181, 279-285		16
237	Review of preclinical studies on pediatric general anesthesia-induced developmental neurotoxicity. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 60, 2-23	3.9	56
236	Long-lasting behavioral effects in neonatal mice with multiple exposures to ketamine-xylazine anesthesia. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 60, 75-81	3.9	13
235	Isoflurane exposure for three hours triggers apoptotic cell death in neonatal macaque brain. <i>British Journal of Anaesthesia</i> , <b>2017</b> , 119, 524-531	5.4	47
234	Anaesthesia-induced developmental neurotoxicity: reality or fiction?. <i>British Journal of Anaesthesia</i> , <b>2017</b> , 119, 455-457	5.4	4
233	Thinking, fast and slow: highlights from the 2016 BJA seminar on anaesthetic neurotoxicity and neuroplasticity. <i>British Journal of Anaesthesia</i> , <b>2017</b> , 119, 443-447	5.4	17
232	Influence of sevoflurane exposure on mitogen-activated protein kinases and Akt/GSK-3 $\beta$ /CRMP-2 signaling pathways in the developing rat brain. <b>2018</b> , 15, 2066-2073		7
231	Anesthetic Agents: Neurotoxics or Neuroprotectives?. <b>2017</b> , 123-129		
230	TREK-1 mediates isoflurane-induced cytotoxicity in astrocytes. <b>2017</b> , 17, 124		4
229	Long-duration general anesthesia influences the intelligence of school age children. <b>2017</b> , 17, 170		14
228	Neonatal exposure of ketamine inhibited the induction of hippocampal long-term potentiation without impairing the spatial memory of adult rats. <b>2018</b> , 12, 377-383		12
227	The role of general anesthesia on traits of neurodevelopmental disorders in a Swedish cohort of twins. <b>2018</b> , 59, 966-972		10
226	Monkey business: the importance of mounting behavioural evidence for anaesthesia-induced developmental neurotoxicity. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 120, 617-619	5.4	3
225	Ketamine-induced neurotoxicity blocked by N-Methyl-d-aspartate is mediated through activation of PKC/ERK pathway in developing hippocampal neurons. <b>2018</b> , 673, 122-131		15
224	Neuropsychological and Behavioral Outcomes after Exposure of Young Children to Procedures Requiring General Anesthesia: The Mayo Anesthesia Safety in Kids (MASK) Study. <i>Anesthesiology</i> , <b>2018</b> , 129, 89-105	4.3	258
223	Caffeine Augments Anesthesia Neurotoxicity in the Fetal Macaque Brain. <b>2018</b> , 8, 5302		8
222	Use of Intranasal Dexmedetomidine as a Solo Sedative for MRI of Infants. <b>2018</b> ,		14

221	Effects on adult cognitive function after neonatal exposure to clinically relevant doses of ionising radiation and ketamine in mice. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 120, 546-554	5.4	9
220	Nicotinic Acetylcholine Receptors are Associated with Ketamine-induced Neuronal Apoptosis in the Developing Rat Retina. <b>2018</b> , 376, 1-12		4
219	Exposure of Developing Brain to General Anesthesia: What Is the Animal Evidence?. <i>Anesthesiology</i> , <b>2018</b> , 128, 832-839	4.3	61
218	Variation in the use of laparoscopy with inguinal hernia repairs in a sample of pediatric patients at children's hospitals. <b>2018</b> , 14, 158.e1-158.e7		1
217	Estimating pediatric general anesthesia exposure: Quantifying duration and risk. <i>Paediatric Anaesthesia</i> , <b>2018</b> , 28, 520-527	1.8	27
216	Using Black Bone Magnetic Resonance Imaging in Craniofacial Virtual Surgical Planning: A Comparative Cadaver Study. <b>2018</b> , 141, 1459-1470		18
215	Persistent alteration in behavioural reactivity to a mild social stressor in rhesus monkeys repeatedly exposed to sevoflurane in infancy. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 120, 761-767	5.4	41
214	Lipid profiling as an effective approach for identifying biomarkers/adverse events associated with pediatric anesthesia. <b>2018</b> , 354, 191-195		6
213	General Anesthesia and Young Brain: What is New?. <b>2018</b> , 30, 217-222		7
212	Use of intraoperative nuclear imaging leads to decreased anesthesia time and real-time confirmation of lesion removal. <b>2017</b> ,		1
211	Early Exposure to Ketamine Impairs Axonal Pruning in Developing Mouse Hippocampus. <b>2018</b> , 55, 164-172		15
210	Nonhuman Primates in Anesthesia Research: Have We Reached the End of the Road?. <i>Anesthesia and Analgesia</i> , <b>2018</b> , 126, 2129-2134	3.9	1
209	Considerations for general anaesthesia in Parkinson's disease. <b>2018</b> , 48, 34-41		8
208	Effect of Anesthesia on the Developing Brain: Infant and Fetus. <b>2018</b> , 43, 1-11		119
207	Ketamine Induces Neuroapoptosis in Stem CellDerived Developing Human Neurons Possibly through Intracellular Calcium/Mitochondria/microRNA Signaling Pathway. <b>2018</b> ,		
206	Ketamine destabilizes growth of dendritic spines in developing hippocampal neurons in vitro via a Rho-dependent mechanism. <b>2018</b> , 18, 5037-5043		10
205	In Vivo Systems: Animal Models of Neurodegeneration. <b>2018</b> , 424-441		
204	Anesthetic-Induced Neurotoxicity. 159-172		



203	Molecular Imaging: A New Frontier in Neurotoxicology. <b>2018</b> , 442-450		
202	Anesthetic Exposure and Neurodevelopmental Outcomes in the Neonate. <b>2018</b> , 19, e601-e609		1
201	Neurotoxicity of Anesthesia in Children: Prevention and Treatment. <b>2018</b> , 20, 51		8
200	Electron microscopy techniques employed to explore mitochondrial defects in the developing rat brain following ketamine treatment. <b>2018</b> , 373, 164-170		15
199	Long-Term Neurobehavioral Consequences of a Single Ketamine Neonatal Exposure in Rats: Effects on Cellular Viability and Glutamate Transport in Frontal Cortex and Hippocampus. <b>2018</b> , 34, 649-659		13
198	Mechanisms of Anesthetic Action and Neurotoxicity: Lessons from Molluscs. <b>2017</b> , 8, 1138		9
197	Neurotoxicity of Inhalation Anesthetics in the Neonatal Rat Brain: Effects on Behavior and Neurodegeneration in the Piriform Cortex. <b>2018</b> , 2018, 6376090		9
196	The NMDA Receptors: Physiology and Neurotoxicity in the Developing Brain. <b>2018</b> , 207-214		1
195	Ketamine exacerbates cortical neuroapoptosis under hyperoxic conditions by upregulating expression of the N-methyl-D-aspartate receptor subunit NR1 in the developing rat brain. <b>2018</b> , 18, 52		5
194	Anesthesia and the developing brain: A way forward for laboratory and clinical research. <i>Paediatric Anaesthesia</i> , <b>2018</b> , 28, 758-763	1.8	54
193	Lipidomics Reveals Changes in Metabolism, Indicative of Anesthetic-Induced Neurotoxicity in Developing Brains. <b>2018</b> , 31, 825-835		1
192	Endoscopy in Pediatric Inflammatory Bowel Disease: A Position Paper on Behalf of the Porto IBD Group of the European Society for Pediatric Gastroenterology, Hepatology and Nutrition. <b>2018</b> , 67, 414-430		37
191	Apoptosis as a Mechanism of Developmental Neurotoxicity. <b>2018</b> , 91-112		1
190	Automated Assessment of Cognitive Function in Nonhuman Primates. <b>2018</b> , 321-328		
189	Determining the Validity of Preclinical Behavioral Assessments for Extrapolation to a Clinical Setting. <b>2018</b> , 329-336		
188	Developmental Neurotoxicity of General Anesthetics. <b>2018</b> , 477-485		2
187	Animal/Human Concordance. <b>2018</b> , 527-538		
186	Surgery, Anesthesia, and the Immature Brain. <b>2019</b> , 581-603.e9		

185	Anesthetics: from modes of action to unconsciousness and neurotoxicity. <b>2019</b> , 122, 760-787			12
184	Perioperative Multimodal Pain Management: an Evidence-Based Update. <b>2019</b> , 9, 295-307			1
183	Human Studies of Anesthesia-Related Neurotoxicity in Children: A Narrative Review of Recent Additions to the Clinical Literature. <b>2019</b> , 46, 637-645			6
182	General anesthetic neurotoxicity in the young: Mechanism and prevention. <b>2019</b> , 107, 883-896			6
181	Maternal surgery during pregnancy has a transient adverse effect on the developing fetal rabbit brain. <b>2019</b> , 221, 355.e1-355.e19			11
180	Edaravone protects primary-cultured rat cortical neurons from ketamine-induced apoptosis via reducing oxidative stress and activating PI3K/Akt signal pathway. <b>2019</b> , 100, 103399			7
179	Molecular determinants of behavioral changes induced by neonatal ketamine and dexmedetomidine application. <b>2019</b> , 126, 1577-1588			1
178	Pro-Con Debate: Nitrous Oxide for Labor Analgesia. <b>2019</b> , 2019, 4618798			5
177	Developmental Neurotoxicity: An Update. <b>2019</b> , 31, 108-114			3
176	Early life exposure to extended general anesthesia with isoflurane and nitrous oxide reduces responsivity on a cognitive test battery in the nonhuman primate. <i>NeuroToxicology</i> , <b>2019</b> , 70, 80-90	4.4		18
175	17Estradiol Treatment Attenuates Neurogenesis Damage and Improves Behavior Performance After Ketamine Exposure in Neonatal Rats. <b>2019</b> , 13, 251			17
174	The Effects of Anesthesia on the Pediatric Developing Brain: Strategies to Reduce Anesthesia Use in Pediatric MRI and Nursing's Role in Driving Patient Safety. <b>2019</b> , 34, 900-910			0
173	Patterns of neuropsychological changes after general anaesthesia in young children: secondary analysis of the Mayo Anesthesia Safety in Kids study. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 671-681	5.4		35
172	Mayo Anesthesia Safety in Kids continued: two new studies and a potential redirection of the field. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 716-719	5.4		11
171	Anesthesia and Neurodegeneration. <b>2019</b> , 82-91			
170	Limb Remote Ischemic Preconditioning Reduces Repeated Ketamine Exposure-Induced Adverse Effects in the Developing Brain of Rats. <b>2019</b> , 68, 58-65			3
169	Repeated neonatal isoflurane exposures in the mouse induce apoptotic degenerative changes in the brain and relatively mild long-term behavioral deficits. <b>2019</b> , 9, 2779			19
168	Effects of Perinatal Exposure to Ketamine on the Developing Brain. <b>2019</b> , 13, 138			19

167	Lasting effects of general anesthetics on the brain in the young and elderly: "mixed picture" of neurotoxicity, neuroprotection and cognitive impairment. <b>2019</b> , 33, 321-335		47
166	Behavioral effects of postnatal ketamine exposure in rhesus macaque infants are dependent on MAOA-LPR genotype. <b>2019</b> , 61, 605-614		1
165	General anesthetic exposure in adolescent rats causes persistent maladaptations in cognitive and affective behaviors and neuroplasticity. <b>2019</b> , 150, 153-163		14
164	Performance on the Operant Test Battery in young children exposed to procedures requiring general anaesthesia: the MASK study. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 470-479	5-4	17
163	Short-term effects of single-dose chloral hydrate on neonatal auditory perception: An auditory event-related potential study. <b>2019</b> , 14, e0212195		0
162	Neurodevelopmental outcome at 5 years of age after general anaesthesia or awake-regional anaesthesia in infancy (GAS): an international, multicentre, randomised, controlled equivalence trial. <b>2019</b> , 393, 664-677		302
161	One-stage Repair of the Cleft Lip, Nose, Alveolus, and Palate. <b>2019</b> , 7, 70		78
160	Anesthesia Neurotoxicity in the Developing Brain: Basic Studies Relevant for Neonatal or Perinatal Medicine. <b>2019</b> , 46, 647-656		9
159	Does general anesthesia or intravitreal injection affect neurodevelopment in children undergoing ophthalmic procedures?. <b>2019</b> , 30, 326-330		2
158	Voluntary Exercise Rescues the Spatial Memory Deficit Associated With Early Life Isoflurane Exposure in Male Rats. <i>Anesthesia and Analgesia</i> , <b>2019</b> , 129, 1365-1373	3-9	5
157	Childhood Glaucoma: Long-Term Outcomes of Glaucoma Drainage Device Implantation Within the First 2 Years of Life. <b>2019</b> , 28, 878-883		6
156	Does general anesthesia affect neurodevelopment in infants and children?. <b>2019</b> , 367, 16459		50
155	Ketamine affects the integration of developmentally generated granule neurons in the adult stage. <b>2019</b> , 20, 60		2
154	Sevoflurane-induced learning deficits and spine loss via nectin-1/corticotrophin-releasing hormone receptor type 1 signaling. <b>2019</b> , 1710, 188-198		9
153	Pharmacology of Intravenous Anesthetics. <b>2019</b> , 193-216		
152	Pharmacology of Inhaled Anesthetics. <b>2019</b> , 217-240		3
151	Sevoflurane exposure has minimal effect on cognitive function and does not alter microglial activation in adult monkeys. <i>NeuroToxicology</i> , <b>2019</b> , 71, 159-167	4-4	9
150	The role of Bag2 in neurotoxicity induced by the anesthetic sevoflurane. <b>2018</b> , 120, 7551		6

149	Using animal models to evaluate the functional consequences of anesthesia during early neurodevelopment. <b>2019</b> , 165, 106834		12
148	Sevoflurane Exposure Results in Sex-Specific Transgenerational Upregulation of Target IEGs in the Subiculum. <b>2020</b> , 57, 11-22		15
147	Effects of Xenon-Based Anesthetic Exposure on the Expression Levels of Polysialic Acid Neural Cell Adhesion Molecule (PSA-NCAM) on Human Neural Stem Cell-Derived Neurons. <b>2020</b> , 57, 217-225		4
146	Protective Effects of Xenon on Propofol-Induced Neurotoxicity in Human Neural Stem Cell-Derived Models. <b>2020</b> , 57, 200-207		7
145	Early exposure to general anesthesia impairs social and emotional development in rats. <b>2020</b> , 57, 41-50		16
144	Hypoxia, hypercarbia, and mortality reporting in studies of anaesthesia-related neonatal neurodevelopmental delay in rodent models: A systematic review. <b>2020</b> , 37, 70-84		3
143	Sevoflurane Induces Learning and Memory Impairment in Young Mice Through a Reduction in Neuronal Glucose Transporter 3. <b>2020</b> , 40, 879-895		5
142	Analysis of 1478 Cases of Hypospadias Repair: The Incidence of Requiring Repeated Anesthetic Exposure as Well as Exploration of the Involvement of Trainees on Case Duration. <i>Anesthesia and Analgesia</i> , <b>2020</b> , 131, 1551-1556	3.9	0
141	Early childhood general anesthesia exposure associated with later developmental delay: A national population-based cohort study. <b>2020</b> , 15, e0238289		7
140	Prenatal sevoflurane exposure causes neuronal excitatory/inhibitory imbalance in the prefrontal cortex and neurofunctional abnormality in rats. <i>Neurobiology of Disease</i> , <b>2020</b> , 146, 105121	7.5	6
139	Is Anesthesia Bad for the Brain? Current Knowledge on the Impact of Anesthetics on the Developing Brain. <b>2020</b> , 38, 477-492		4
138	Ketamine Administration Leads to Learning-Memory Dysfunction and Decreases Serum Brain-Derived Neurotrophic Factor in Rats. <b>2020</b> , 11, 576135		4
137	17β-Estradiol Protects Neural Stem/Progenitor Cells Against Ketamine-Induced Injury Through Estrogen Receptor Pathway. <b>2020</b> , 14, 576813		2
136	Neurotoxicity of sub-anesthetic doses of sevoflurane and dexmedetomidine co-administration in neonatal rats. <i>NeuroToxicology</i> , <b>2020</b> , 79, 75-83	4.4	6
135	Regions of the basal ganglia and primary olfactory system are most sensitive to neurodegeneration after extended sevoflurane anesthesia in the perinatal rat. <i>Neurotoxicology and Teratology</i> , <b>2020</b> , 80, 106890	3.9	2
134	Acetyl-L-carnitine does not prevent neurodegeneration in a rodent model of prolonged neonatal anesthesia. <i>Neurotoxicology and Teratology</i> , <b>2020</b> , 80, 106891	3.9	3
133	Neonatal Exposure to Anesthesia Leads to Cognitive Deficits in Old Age: Prevention with Intranasal Administration of Insulin in Mice. <b>2020</b> , 38, 299-311		8
132	Neonatal Ketamine Alters High-Frequency Oscillations and Synaptic Plasticity in the Subiculum But Does not Affect Sleep Macrostructure in Adolescent Rats. <b>2020</b> , 14, 26		2

131	General anesthesia affecting on developing brain: evidence from animal to clinical research. <b>2020</b> , 34, 765-772			9
130	General Anesthetic-Induced Neurotoxicity in the Immature Brain: Reevaluating the Confounding Factors in the Preclinical Studies. <b>2020</b> , 2020, 7380172			2
129	ICU management of the obstetric patient. <b>2020</b> , 31, 1-7			
128	Neurotoxicity effects of anesthetic exposure on the developing brain of non-human primates. <b>2020</b> , 140, 109647			2
127	Sex differences in neurodevelopmental abnormalities caused by early-life anaesthesia exposure: a narrative review. <i>British Journal of Anaesthesia</i> , <b>2020</b> , 124, e81-e91	5.4		15
126	[Late manifested sequelae of medications in the critical periods of development. ]. <b>2020</b> , 161, 43-49			2
125	Unplanned return to OR (UPROR) for children with early onset scoliosis (EOS): a comprehensive evaluation of all diagnoses and instrumentation strategies. <b>2020</b> , 8, 295-302			8
124	Infant isoflurane exposure affects social behaviours, but does not impair specific cognitive domains in juvenile non-human primates. <i>British Journal of Anaesthesia</i> , <b>2021</b> , 126, 486-499	5.4		10
123	Hypotension and adverse neurodevelopmental outcomes among children with multiple exposures to general anesthesia: Subanalysis of the Mayo Anesthesia Safety in Kids (MASK) Study. <i>Paediatric Anaesthesia</i> , <b>2021</b> , 31, 282-289	1.8		1
122	A review of the clinical applications of ketamine in pediatric oncology. <b>2021</b> , 68, e28785			2
121	Neurodevelopmental Impairment at Two Years in Premature Infants with Prolonged Patency of Ductus Arteriosus after a Conservative Approach. <b>2021</b> , 38, 449-455			2
120	The NMDA Receptor System and Developmental Neurotoxicity. <b>2021</b> , 1-12			
119	Developing Brain and Anesthetic Neurotoxicity. <b>2021</b> , 679-692			
118	Apoptosis and Neurocognitive Effects of Intravenous Anesthetics. <b>2021</b> , 657-664			
117	MRI surveillance of boys with X-linked adrenoleukodystrophy identified by newborn screening: Meta-analysis and consensus guidelines. <b>2021</b> , 44, 728-739			13
116	Brain pathology caused in the neonatal macaque by short and prolonged exposures to anticonvulsant drugs. <i>Neurobiology of Disease</i> , <b>2021</b> , 149, 105245	7.5		3
115	Effect Neonatal Ketamine Treatment on Exploratory and Anxiety-like Behaviours in Adulthood. <b>2021</b> , 19, 93-103			
114	Repeated Doses of Ketamine Affect the Infant Rat Urogenital System. <b>2021</b> , 15, 1157-1165			0

113	The effect of sevoflurane anesthesia for dental procedure on neurocognition in children: a prospective, equivalence, controlled trial. <b>2021</b> , 21, 177		2
112	General anaesthesia during infancy reduces white matter micro-organisation in developing rhesus monkeys. <i>British Journal of Anaesthesia</i> , <b>2021</b> , 126, 845-853	5.4	4
111	Recent advances in understanding cognitive and behavioural alterations after early-in-life anaesthesia exposure and new mitigation/alternative strategies in preclinical studies. <i>Current Opinion in Anaesthesiology</i> , <b>2021</b> , 34, 402-408	2.9	1
110	Effect of ketamine on gene expression in zebrafish embryos. <b>2021</b> , 41, 2083-2089		2
109	Rapid Recovery and Short Duration Anesthesia after Low Dose Ketamine and High Dose Dexmedetomidine in Rhesus Macaques (). <i>Journal of the American Association for Laboratory Animal Science</i> , <b>2021</b> , 60, 337-340	1.3	
108	Preventing the Long-term Effects of General Anesthesia on the Developing Brain: How Translational Research can Contribute. <b>2021</b> , 461, 172-179		1
107	Dendritic spine remodeling and plasticity under general anesthesia. <b>2021</b> , 226, 2001-2017		0
106	Complications while awaiting elective inguinal hernia repair in infants: Not as common as you thought. <b>2021</b> , 169, 1480-1485		1
105	Neonatal administration of a subanaesthetic dose of JM-1232(-) in mice results in no behavioural deficits in adulthood. <b>2021</b> , 11, 12874		
104	Neuroprotective Effects of Dexmedetomidine on the Ketamine-Induced Disruption of the Proliferation and Differentiation of Developing Neural Stem Cells in the Subventricular Zone. <b>2021</b> , 9, 649284		1
103	Non-human Primate Models to Investigate Mechanisms of Infection-Associated Fetal and Pediatric Injury, Teratogenesis and Stillbirth. <b>2021</b> , 12, 680342		1
102	Neonatal anesthesia and dysregulation of the epigenome <b>2021</b> , 105, 720-734		1
101	Novel Therapeutics for Neonatal Seizures. <b>2021</b> , 18, 1564-1581		0
100	Dexmedetomidine does not compromise neuronal viability, synaptic connectivity, learning and memory in a rodent model. <b>2021</b> , 11, 16153		1
99	Knowledge of Biobehavioral Organization Can Facilitate Better Science: A Review of the BioBehavioral Assessment Program at the California National Primate Research Center. <b>2021</b> , 11,		2
98	Effects of general anesthetics on synaptic transmission and plasticity. <b>2021</b> ,		2
97	Quantitative behavioural phenotyping to investigate anaesthesia induced neurobehavioural impairment. <b>2021</b> , 11, 19398		
96	Astrogliosis in juvenile non-human primates 2 years after infant anaesthesia exposure. <i>British Journal of Anaesthesia</i> , <b>2021</b> , 127, 447-457	5.4	1

95	Neonatal Anesthesia by Ketamine in Neonatal Rats Inhibits the Proliferation and Differentiation of Hippocampal Neural Stem Cells and Decreases Neurocognitive Function in Adulthood via Inhibition of the Notch1 Signaling Pathway. <b>2021</b> , 58, 6272-6289		2
94	Preservation of Fetal Viability During Noncardiac Surgery. <b>2022</b> , 475-484		
93	Lipidomics reveals a systemic energy deficient state that precedes neurotoxicity in neonatal monkeys after sevoflurane exposure. <b>2018</b> , 1037, 87-96		11
92	Feasibility of Acupuncture to Induce Sleep for Brainstem Auditory Evoked Response Testing. <b>2019</b> , 28, 895-907		1
91	Comparative analysis of outcome measures used in examining neurodevelopmental effects of early childhood anesthesia exposure. <i>Anesthesiology</i> , <b>2014</b> , 120, 1319-32	4-3	116
90	A Population-based Study Evaluating the Association between Surgery in Early Life and Child Development at Primary School Entry. <i>Anesthesiology</i> , <b>2016</b> , 125, 272-9	4-3	91
89	Isoflurane Anesthesia Has Long-term Consequences on Motor and Behavioral Development in Infant Rhesus Macaques. <i>Anesthesiology</i> , <b>2017</b> , 126, 74-84	4-3	98
88	Monkey in the Middle: Translational Studies of Pediatric Anesthetic Exposure. <i>Anesthesiology</i> , <b>2017</b> , 126, 6-8	4-3	2
87	Propofol neurotoxicity is mediated by p75 neurotrophin receptor activation. <i>Anesthesiology</i> , <b>2012</b> , 116, 352-61	4-3	107
86	Ketamine-induced neuroapoptosis in the fetal and neonatal rhesus macaque brain. <i>Anesthesiology</i> , <b>2012</b> , 116, 372-84	4-3	315
85	Anesthetic Exposure in Staged Versus Single-Stage Cleft Lip and Palate Repair: Can We Reduce Risk of Anesthesia-Induced Developmental Neurotoxicity?. <b>2021</b> , 32, 521-524		1
84	In vitro dose-dependent inhibition of the intracellular spontaneous calcium oscillations in developing hippocampal neurons by ketamine. <b>2013</b> , 8, e59804		19
83	Construction and Characterization of a Population-Based Cohort to Study the Association of Anesthesia Exposure with Neurodevelopmental Outcomes. <b>2016</b> , 11, e0155288		10
82	Surgery increases cell death and induces changes in gene expression compared with anesthesia alone in the developing piglet brain. <b>2017</b> , 12, e0173413		10
81	Attention deficit hyperactivity disorder and educational level in adolescent and adult individuals after anesthesia and abdominal surgery during infancy. <b>2020</b> , 15, e0240891		3
80	Advanced Techniques to Study Anesthetic Effects on the Nervous System. <i>Global Journal of Anesthesiology</i> , 007-010	0	2
79	Is a short anesthetic exposure in children safe? Time will tell: a focused commentary of the GAS and PANDA trials. <b>2016</b> , 4, 408		18
78	Anaesthesia in early childhood - is the development of the immature brain in danger?. <b>2016</b> , 23, 33-40		2

77	Anesthetic induced neurotoxicity in children. <b>2017</b> , 70, 237-238		2
76	Neonatal ketamine exposure-induced hippocampal neuroapoptosis in the developing brain impairs adult spatial learning ability. <b>2020</b> , 15, 880-886		6
75	Ro 20-1724 Ameliorates Learning Deficit and Long-Term Memory Impairment Secondary to Repeated Ketamine Anesthesia in Young Rats. <b>2013</b> , 04, 155-160		1
74	Quantitative Assessment of Acetyl-Carnitine Effects on Anesthetic-Induced Neuronal Death Using MicroPET/CT Imaging. <i>Journal of Drug and Alcohol Research</i> , <b>2013</b> , 2, 1-8	1	5
73	The Evaluation of Sevoflurane-Induced Apoptotic Neurodegeneration with MicroPET Using [18F]-DFNSH in the Developing Rat Brain. <i>Journal of Drug and Alcohol Research</i> , <b>2013</b> , 2, 1-7	1	9
72	Anesthetic Drug-Induced Neurotoxicity and Compromised Neural Stem Cell Proliferation. <i>Journal of Drug and Alcohol Research</i> , <b>2015</b> , 4, 1-8	1	3
71	The Utility of a Nonhuman Primate Model for Assessing Anesthetic-Induced Developmental Neurotoxicity. <i>Journal of Drug and Alcohol Research</i> , <b>2017</b> , 6, 1-10	1	1
70	General Anesthesia-Related Neurotoxicity: Status of Pediatric Surgeries at an Academic Hospital in the North of Iran. <i>Journal of Comprehensive Pediatrics</i> , <b>2019</b> , 10,	0.7	1
69	Ketamin. <b>2012</b> , 224-230		
68	Relevance to Clinical Anesthesia of Anesthetic-Induced Neurotoxicity in Developing Animals. 200-209		
67	The Anesthesia Perspective. <b>2014</b> , 375-393		
66	Is There Evidence for Long-Term Neurocognitive Effects of Sedatives?. <b>2015</b> , 553-558		
65	Ketamin in der Anesthesiologie. <b>2016</b> , 1-9		
64	Long-Term Consequences of Anesthesia (and Surgery) on the Infant Brain. <i>Anesthesia, Intensive Care and Pain in Neonates and Children</i> , <b>2016</b> , 437-446		2.1
63	Apoptosis and Neurocognitive Effects of IV Anesthetics. <b>2017</b> , 797-803		
62	Mechanisms of POD and POCD: Effects of Anesthetics. <b>2017</b> , 133-150		
61	Implications for Pediatric Anesthesia. <b>2017</b> , 33-48		
60	MicroPET/CT Assessment of Minocycline Effects on Anesthetic-Induced Neuronal Injury in Developing Rats. <i>Global Journal of Anesthesiology</i> , 041-047		0



59	Anesthetic Management for Pediatric Oculoplastic Surgery. <b>2018</b> , 81-104		
58	Evaluation of Neurotoxicity of Multiple Anesthesia in Children Using Visual Evoked Potentials. <i>Sisli Etfal Hastanesi Tip Bulteni</i> , <b>2019</b> , 53, 284-289	0.8	1
57	Ketamin in der Anesthesiologie. <i>Springer Reference Medizin</i> , <b>2019</b> , 281-289	0	
56	Postoperative Cognitive Function Following General Anesthesia in Children. <i>Neuromethods</i> , <b>2020</b> , 159-166		
55	Comparative Risk of Human Injury/Exposure While Collecting Blood from Sedated and Unsedated Nonhuman Primates. <i>Journal of the American Association for Laboratory Animal Science</i> , <b>2020</b> ,	1.3	0
54	Neuropsychological Assessment of Learning and Memory in Rats Following Ketamine Exposure during Late Adolescence. <i>Journal of Behavioral and Brain Science</i> , <b>2020</b> , 10, 568-589	0.3	1
53	Neonatal Isoflurane Does Not Affect Sleep Architecture and Minimally Alters Neuronal Beta Oscillations in Adolescent Rats. <i>Frontiers in Behavioral Neuroscience</i> , <b>2021</b> , 15, 703859	3.5	
52	Primary cilia safeguard cortical neurons in neonatal mouse forebrain from environmental stress-induced dendritic degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	7
51	Effect of Anesthesia in the Ante- and Intranatal Periods of Development on the Cognitive Status of Children Aged from 0 to 3 Years. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , <b>2020</b> , 75, 532-540	0.4	1
50	Impact of Pediatric Surgery and Anesthesia on Brain Development. <b>2020</b> , 1151-1181		
49	Effects of ketamine on neurogenesis, extracellular matrix homeostasis and proliferation in hypoxia-exposed HT22 murine hippocampal neurons. <i>Biomedical Reports</i> , <b>2020</b> , 13, 23	1.8	2
48	Quantitative Behavioural Phenotyping to Investigate Anaesthesia-Induced Neurobehavioural Impairment.		
47	Pediatric Anesthetic and Sedation Neurotoxicity in the Developing Brain. <b>2021</b> , 233-244		
46	Neuroprotective properties of vitamin C on equipotent anesthetic concentrations of desflurane, isoflurane, or sevoflurane in high fat diet fed neonatal mice. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2015</b> , 8, 10444-58		11
45	Efficacy of rutin in inhibiting neuronal apoptosis and cognitive disturbances in sevoflurane or propofol exposed neonatal mice. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2015</b> , 8, 14397-409		14
44	Standard Electrocardiographic Data from Capuchin Monkeys (Linnaeus, 1758). <i>Journal of the American Association for Laboratory Animal Science</i> , <b>2018</b> , 57, 13-17	1.3	1
43	Long-term effects of anesthesia on the brain: an update on neurotoxicity. <b>2022</b> , 195-209		
42	Anesthesia and Developing Brains: Unanswered Questions and Proposed Paths Forward.. <i>Anesthesiology</i> , <b>2022</b> ,	4.3	6

41	Synthetic neuroactive steroids as new sedatives and anaesthetics: Back to the future.. <i>Journal of Neuroendocrinology</i> , <b>2021</b> , e13086	3.8	0
40	Do We Have Viable Protective Strategies against Anesthesia-Induced Developmental Neurotoxicity?. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
39	iPSCs and toxicology. <b>2022</b> , 529-569		
38	Sexually dimorphic associations between prenatal blood lead exposure and performance on a behavioral testing battery in children.. <i>Neurotoxicology and Teratology</i> , <b>2022</b> , 90, 107075	3.9	0
37	Anesthesia and neurotoxicity study design, execution, and reporting in the nonhuman primate: a systematic review.. <i>Paediatric Anaesthesia</i> , <b>2022</b> ,	1.8	0
36	Prophylactic progesterone prevents adverse behavioural and neurocognitive effects of neonatal anaesthesia exposure in rat.. <i>British Journal of Anaesthesia</i> , <b>2021</b> ,	5.4	0
35	Application of Nonhuman Primate Models in the Studies of Pediatric Anesthesia Neurotoxicity.. <i>Anesthesia and Analgesia</i> , <b>2022</b> ,	3.9	1
34	Pediatrics and translational research. <b>2022</b> , 111-120		
33	Effect of Anesthetics on Functional Connectivity of Developing Brain.. <i>Frontiers in Human Neuroscience</i> , <b>2022</b> , 16, 853816	3.3	1
32	Ketamine use disorder: preclinical, clinical, and neuroimaging evidence to support proposed mechanisms of actions. <i>Intelligent Medicine</i> , <b>2022</b> ,		0
31	Neonatal exposures to sevoflurane in rhesus monkeys alter synaptic ultrastructure in later life.		0
30	Phencyclidine (PCP)-induced neurotoxicity and behavioral deficits. <i>Advances in Neurotoxicology</i> , <b>2022</b> ,	1.6	
29	Influence of Previous General Anesthesia on Cognitive Impairment: An Observational Study Among 151 Patients. <i>Frontiers in Human Neuroscience</i> , <b>2022</b> , 16,	3.3	0
28	Safety of general anaesthetics on the developing brain: are we there yet?. <b>2022</b> , 2, 100012		0
27	Učinki splošne anestezije na kognitivne sposobnosti pri otrocih pregledni članek. <i>Psiholoska Obzorja</i> , 31, 33-49		
26	The association between hearing threshold and urinary personal care and consumer product metabolites in middle-aged and elderly people from the USA. <i>Environmental Science and Pollution Research</i> ,	5.1	0
25	Ketamine-induced neurotoxicity is mediated through endoplasmic reticulum stress in vitro in STHdhQ7/Q7 cells. <i>NeuroToxicology</i> , <b>2022</b> , 91, 321-328	4.4	1
24	Systemic inflammation exacerbates developmental neurotoxicity induced by sevoflurane in neonatal rats. <i>British Journal of Anaesthesia</i> , <b>2022</b> ,	5.4	0

23	Novel anesthetics in pediatric practice: is it time?. <i>Current Opinion in Anaesthesiology</i> , Publish Ahead of Print,	2.9	○
22	Mild hypothermia fails to protect infant macaques from brain injury caused by prolonged exposure to Antiseizure drugs. <i>Neurobiology of Disease</i> , <b>2022</b> , 171, 105814	7.5	○
21	General anesthesia in children and long-term neurodevelopmental deficits: A systematic review. 15,		1
20	Neonatal ketamine exposure impairs infrapyramidal bundle pruning and causes lasting increase in excitatory synaptic transmission in hippocampal CA3 neurons. <b>2022</b> , 175, 105923		○
19	Parvalbumin interneuron loss mediates repeated anesthesia-induced memory deficits in mice.		○
18	Use of zebrafish embryos to study molecular and cellular neurotoxic effects of drugs: A focus on signaling and ketamine. <b>2023</b> , 443-454		○
17	Rodent models of anesthesia-induced developmental neurotoxicity?. <b>2023</b> , 455-464		○
16	Ulinastatin Alleviates Repetitive Ketamine Exposure-Evoked Cognitive Impairment in Adolescent Mice. <b>2022</b> , 2022, 1-7		○
15	An Update on Preclinical Research in Anesthetic-Induced Developmental Neurotoxicity in Nonhuman Primate and Rodent Models. <b>2023</b> , 35, 104-113		○
14	Neonatal exposures to sevoflurane in rhesus monkeys alter synaptic ultrastructure in later life. <b>2022</b> , 25, 105685		○
13	The NMDA Receptor System and Developmental Neurotoxicity. <b>2022</b> , 861-872		○
12	The effect of low-dose esketamine on pain and post-partum depression after cesarean section: A prospective, randomized, double-blind clinical trial. 13,		○
11	Common Husbandry, Housing, and Animal Care Practices. <b>2023</b> , 323-354		○
10	Lipoxin A4 methyl ester attenuated ketamine-induced neurotoxicity in SH-SY5Y cells via regulating leptin pathway. <b>2023</b> , 89, 105581		○
9	Maturation of GABAergic Synaptic Transmission From Neocortical Parvalbumin Interneurons Involves N-methyl-D-aspartate Receptor Recruitment of Cav2.1 Channels. <b>2023</b> , 513, 38-53		○
8	The mechanisms of neuro-inflammation involved in developmental neurotoxicity due to anesthetic exposure. <b>2022</b> , 1, 20		○
7	Ketamine as advanced second-line treatment in benzodiazepine-refractory convulsive status epilepticus in children. <b>2023</b> , 64, 797-810		○
6	The role of anesthesia in peri-operative neurocognitive disorders: Molecular mechanisms and preventive strategies. <b>2023</b> ,		○

- 5 Intravenous Agents. **2017**, 186-199.e6
- 4 Regional Anesthesia. **2017**, 461-511.e6
- 3 Special Characteristics of Pediatric Anesthesia. **2017**, 2-9.e4
- 2 Controversies in anesthesia-induced developmental neurotoxicity. **2023**,
- 1 Chronic exposure to (2'R,6'R)-hydroxynorketamine induces developmental neurotoxicity in hESC-derived cerebral organoids. **2023**, 453, 131379