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The poly(I:C)-induced maternal immune activation model in preclinical neuropsychiatric drug discovery

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#	Paper	IF	Citations
164	Therapeutic Targets for Neurodevelopmental Disorders Emerging from Animal Models with Perinatal Immune Activation. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 28218-29	6.3	14
163	The role of inflammation and microglial activation in the pathophysiology of psychiatric disorders. <b>2015</b> , 300, 141-54		376
162	Early prenatal exposure to LPS results in anxiety- and depression-related behaviors in adulthood. <b>2015</b> , 299, 56-65		72
161	Animal Models of Maternal Immune Activation in Depression Research. 2016, 14, 688-704		30
160	Gene Environment Interactions in Schizophrenia: Evidence from Genetic Mouse Models. <b>2016</b> , 2016, 2173748		249
159	Innate Immune Response and Psychotic Disorders. <b>2016</b> , 165-190		
158	Anti-fatigue activity of essential oil from thyme (linalool chemotype) in the polyriboinosinic:polyribocytidylic acid-induced brain fatigue mouse. <b>2016</b> , 31, 395-399		5
157	Maternal immune activation produces neonatal excitability defects in offspring hippocampal neurons from pregnant rats treated with poly I:C. <i>Scientific Reports</i> , <b>2016</b> , 6, 19106	4.9	31
156	Widespread alterations in the synaptic proteome of the adolescent cerebral cortex following prenatal immune activation in rats. <i>Brain, Behavior, and Immunity,</i> <b>2016</b> , 56, 289-309	16.6	11
155	The Neurobiological Basis for Social Affiliation in Autism Spectrum Disorder and Schizophrenia. <b>2016</b> , 3, 154-164		
154	Poly(I:C) increases the expression of mPGES-1 and COX-2 in rat primary microglia. <b>2016</b> , 13, 11		25
153	Maternal immune activation: Implications for neuropsychiatric disorders. <b>2016</b> , 353, 772-7		545
152	Maternal immune activation epigenetically regulates hippocampal serotonin transporter levels. <b>2016</b> , 4, 34-43		30
151	Toll-like receptors mediating vascular malfunction: Lessons from receptor subtypes. <i>Pharmacology &amp; Therapeutics</i> , <b>2016</b> , 158, 91-100	13.9	29
150	Altering the course of schizophrenia: progress and perspectives. <b>2016</b> , 15, 485-515		284
149	A two-hit model of suicide-trait-related behaviors in the context of a schizophrenia-like phenotype: Distinct effects of lithium chloride and clozapine. <b>2016</b> , 156, 48-58		14
148	Prenatal immune activation causes hippocampal synaptic deficits in the absence of overt microglia anomalies. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 55, 25-38	16.6	83

147	Anti-inflammatory mechanism of lonchocarpine in LPS- or poly(I:C)-induced neuroinflammation. <b>2017</b> , 119, 431-442		21
146	Maternal immune activation results in complex microglial transcriptome signature in the adult offspring that is reversed by minocycline treatment. <b>2017</b> , 7, e1120		118
145	Aripiprazole-induced adverse metabolic alterations in polyI:C neurodevelopmental model of schizophrenia in rats. <b>2017</b> , 123, 148-158		10
144	Maternal immune activation transgenerationally modulates maternal care and offspring depression-like behavior. <i>Brain, Behavior, and Immunity,</i> <b>2017</b> , 63, 127-136	16.6	53
143	Remission of Psychosis in Treatment-Resistant Schizophrenia following Bone Marrow Transplantation: A Case Report. <i>Frontiers in Psychiatry</i> , <b>2017</b> , 8, 174	5	24
142	A Neurophysiological Perspective on a Preventive Treatment against Schizophrenia Using Transcranial Electric Stimulation of the Corticothalamic Pathway. <b>2017</b> , 7,		10
141	Visceral Inflammation and Immune Activation Stress the Brain. 2017, 8, 1613		38
140	Interaction of adipose-derived mesenchymal stem cells with MCF-7 cells in vitro:a study emphasizing signaling molecule expression and transcriptional changes. <b>2017</b> , 41, 785-795		1
139	Neuroinflammation and Neurotransmission Mechanisms Involved in Neuropsychiatric Disorders. <b>2017</b> ,		2
138	Strain differences in the susceptibility to the gut-brain axis and neurobehavioural alterations induced by maternal immune activation in mice. <b>2018</b> , 29, 181-198		16
137	Toll-like receptor 3 activation impairs excitability and synaptic activity via TRIF signalling in immature rat and human neurons. <b>2018</b> , 135, 1-10		10
136	Maternal and Early Postnatal Immune Activation Produce Dissociable Effects on Neurotransmission in mPFC-Amygdala Circuits. <b>2018</b> , 38, 3358-3372		40
135	Molecular characterization of kappa class glutathione S-transferase from the disk abalone (Haliotis discus discus) and changes in expression following immune and stress challenges. <b>2018</b> , 77, 252-263		16
134	Maternal deprivation induces alterations in cognitive and cortical function in adulthood. <b>2018</b> , 8, 71		11
133	Maternal immune activation induced by lipopolysaccharide triggers immune response in pregnant mother and fetus, and induces behavioral impairment in adult rats. <b>2018</b> , 100, 71-83		37
132	Effects of Environmental Enrichment on Nicotine Sensitization in Rats Neonatally Treated with Quinpirole: Analyses of Glial Cell Line-Derived Neurotrophic Factor and Implications towards Schizophrenia. <b>2018</b> , 40, 64-72		3
131	Impact of maternal immune activation on maternal care behavior, offspring emotionality and intergenerational transmission in C3H/He mice. <i>Brain, Behavior, and Immunity</i> , <b>2018</b> , 70, 131-140	16.6	16
130	Translational evaluation of translocator protein as a marker of neuroinflammation in schizophrenia. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 323-334	15.1	129

129	Maternal immune activation in neurodevelopmental disorders. 2018, 247, 588-619		68
128	Activation of EP receptor suppresses poly(I: C) and LPS-mediated inflammation in primary microglia and organotypic hippocampal slice cultures: Contributing role for MAPKs. <b>2018</b> , 66, 708-724		24
127	Maternal inhalation of carbon black nanoparticles induces neurodevelopmental changes in mouse offspring. <b>2018</b> , 15, 36		40
126	Cannabinoid CB2 Receptor Gene and Environmental Interaction in the Development of Psychiatric Disorders. <b>2018</b> , 23,		18
125	Variability in PolyIC induced immune response: Implications for preclinical maternal immune activation models. <b>2018</b> , 323, 87-93		27
124	Neurodevelopment: Inflammation Matters. 2018, 227-264		3
123	The Impact of Systemic Inflammation on Neurodevelopment. <b>2018</b> , 24, 794-804		108
122	Consequences of gestational diabetes to the brain and behavior of the offspring. <b>2018</b> , 90, 2279-2291		11
121	Controversies and prospects about microglia in maternal immune activation models for neurodevelopmental disorders. <i>Brain, Behavior, and Immunity</i> , <b>2018</b> , 73, 51-65	16.6	46
120	Sex differences in effects of gestational polychlorinated biphenyl exposure on hypothalamic neuroimmune and neuromodulator systems in neonatal rats. <b>2018</b> , 353, 55-66		13
119	Maternal immune activation in mid-late gestation alters amphetamine sensitivity and object recognition, but not other schizophrenia-related behaviours in adult rats. <i>Behavioural Brain Research</i> , <b>2019</b> , 356, 358-364	3.4	10
118	An Overview of Animal Models Related to Schizophrenia. <b>2019</b> , 64, 5-17		69
117	The fetal origins of mental illness. <b>2019</b> , 221, 549-562		87
116	Fetal liver Mll-AF4+ hematopoietic stem and progenitor cells respond directly to poly(I:C), but not to a single maternal immune activation. <b>2019</b> , 76, 49-59		3
115	Cannabidiol improves behavioural and neurochemical deficits in adult female offspring of the maternal immune activation (poly I:C) model of neurodevelopmental disorders. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 81, 574-587	16.6	12
114	The role of maternal immune activation in altering the neurodevelopmental trajectories of offspring: A translational review of neuroimaging studies with implications for autism spectrum disorder and schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2019</b> , 104, 141-157	9	31
113	Memory deficits in males and females long after subchronic immune challenge. <b>2019</b> , 158, 60-72		8
112	Drug repositioning of TANK-binding kinase 1 inhibitor CYT387 as an alternative for the treatment of Gram-negative bacterial sepsis. <b>2019</b> , 73, 482-490		5

## (2020-2019)

111	Poly(I:C) alters placental and fetal brain amino acid transport in a rat model of maternal immune activation. <b>2019</b> , 81, e13115		7
110	Sex-dependent behavioral deficits and neuropathology in a maternal immune activation model of autism. <b>2019</b> , 9, 124		39
109	Microglia: Brain cells on the move. <b>2019</b> , 178, 101612		45
108	JNK signalling mediates aspects of maternal immune activation: importance of maternal genotype in relation to schizophrenia risk. <b>2019</b> , 16, 18		15
107	Sex modifies placental gene expression in response to metabolic and inflammatory stress. <i>Placenta</i> , <b>2019</b> , 78, 1-9	3.4	29
106	Hypersynchronicity in the default mode-like network in a neurodevelopmental animal model with relevance for schizophrenia. <i>Behavioural Brain Research</i> , <b>2019</b> , 364, 303-316	3.4	10
105	Sex and gender bias in the experimental neurosciences: the case of the maternal immune activation model. <b>2019</b> , 9, 90		27
104	Maternal Inflammation and Neurodevelopmental Programming: A Review of Preclinical Outcomes and Implications for Translational Psychiatry. <i>Biological Psychiatry</i> , <b>2019</b> , 85, 107-121	7.9	89
103	Evolution of a maternal immune activation (mIA) model in rats: Early developmental effects. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 75, 48-59	16.6	41
102	Brain changes in a maternal immune activation model of neurodevelopmental brain disorders. <b>2019</b> , 175, 1-19		84
101	Reversal of proliferation deficits caused by chromosome 16p13.11 microduplication through targeting NFB signaling: an integrated study of patient-derived neuronal precursor cells, cerebral organoids and in vivo brain imaging. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 294-311	15.1	25
100	Adverse neuropsychiatric development following perinatal brain injury: from a preclinical perspective. <b>2019</b> , 85, 198-215		9
99	Microbiome-microglia connections via the gut-brain axis. <b>2019</b> , 216, 41-59		131
98	Can Zika virus exposure be a risk factor for schizophrenia in the offspring?. <b>2020</b> , 21, 2-11		1
97	Prenatal exposure to environmental insults and enhanced risk of developing Schizophrenia and Autism Spectrum Disorder: focus on biological pathways and epigenetic mechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 117, 253-278	9	48
96	Maternal immune activation during pregnancy impacts on brain structure and function in the adult offspring. <i>Brain, Behavior, and Immunity</i> , <b>2020</b> , 83, 56-67	16.6	16
95	Maternal inflammation has a profound effect on cortical interneuron development in a stage and subtype-specific manner. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 2313-2329	15.1	26
94	Environmental influences on placental programming and offspring outcomes following maternal immune activation. <i>Brain, Behavior, and Immunity</i> , <b>2020</b> , 83, 44-55	16.6	11

93	Antiviral Inflammation during Early Pregnancy Reduces Placental and Fetal Growth Trajectories. <b>2020</b> , 204, 694-706		9
92	Neuron-Glia Interactions in Neurodevelopmental Disorders. <b>2020</b> , 9,		18
91	CNS Macrophages and Infant Infections. <b>2020</b> , 11, 2123		4
90	The thalamic midline nucleus reuniens: potential relevance for schizophrenia and epilepsy. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 119, 422-439	9	4
89	Atypical antipsychotic drug modulates early life infection induced impairment of hypothalamic-pituitary-adrenal axis: An age related study in mice. <b>2020</b> , 872, 172978		4
88	Preterm birth and sustained inflammation: consequences for the neonate. <b>2020</b> , 42, 451-468		40
87	Long-Lasting Impact of Maternal Immune Activation and Interaction With a Second Immune Challenge on Pig Behavior. <b>2020</b> , 7, 561151		8
86	Neuropathobiology of COVID-19: The Role for Glia. <b>2020</b> , 14, 592214		50
85	Elucidation of molecular pathogenesis and drug development for psychiatric disorders from rare disease-susceptibility variants. <b>2021</b> , 170, 24-31		3
84	Therapeutic efficacy of environmental enrichment on behavioral, endocrine, and synaptic alterations in an animal model of maternal immune activation. <i>Brain, Behavior, &amp; Immunity - Health</i> , <b>2020</b> , 3, 100043-100043	5.1	13
83	Developmental alterations in the transcriptome of three distinct rodent models of schizophrenia. <b>2020</b> , 15, e0232200		3
82	Post-pubertal Difference in Nigral Dopaminergic Cells Firing in the Schizophrenia Model Prepared by Perinatal Challenges of a Cytokine, EGF. <b>2020</b> , 441, 22-32		3
81	How can preclinical cognitive research further neuropsychiatric drug discovery? Chances and challenges. <b>2020</b> , 15, 659-670		2
80	Maternal Immune Activation Induces Neuroinflammation and Cortical Synaptic Deficits in the Adolescent Rat Offspring. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	17
79	Modulating microglia activation prevents maternal immune activation induced schizophrenia-relevant behavior phenotypes via arginase 1 in the dentate gyrus. <b>2020</b> , 45, 1896-1908		14
78	Maternal stressors and the developmental origins of neuropsychiatric risk. <b>2020</b> , 57, 100834		13
77	Perinatal Inflammation and Adult Psychopathology. Agents and Actions Supplements, 2020,	0.2	О
76	VEGF Treatment Ameliorates Depression-Like Behavior in Adult Offspring After Maternal Immune Activation. <b>2020</b> , 9,		7

## (2021-2020)

75	Maternal Immune Activation by Poly I:C as a preclinical Model for Neurodevelopmental Disorders: A focus on Autism and Schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 113, 546-567	9	45
74	Epigenetic Modifications in Schizophrenia and Related Disorders: Molecular Scars of Environmental Exposures and Source of Phenotypic Variability. <i>Biological Psychiatry</i> , <b>2021</b> , 89, 215-226	7.9	40
73	Prenatal exposure to viral infection and neuropsychiatric disorders in offspring: A review of the literature and recommendations for the COVID-19 pandemic. <i>Brain, Behavior, and Immunity</i> , <b>2021</b> , 91, 756-770	16.6	16
72	TLR3 inhibitor and tyrosine kinase inhibitor attenuate cigarette smoke/poly I:C-induced airway inflammation and remodeling by the EGFR/TLR3/MAPK signaling pathway. <b>2021</b> , 890, 173654		1
71	Maternal immune activation targeted to a window of parvalbumin interneuron development improves spatial working memory: Implications for autism. <i>Brain, Behavior, and Immunity</i> , <b>2021</b> , 91, 339-	.166 349	6
70	Sex differences in the neurochemistry of frontal cortex: Impact of early life stress. <b>2021</b> , 157, 963-981		9
69	Healing autism spectrum disorder with cannabinoids: a neuroinflammatory story. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 121, 128-143	9	5
68	Alterations in Retrotransposition, Synaptic Connectivity, and Myelination Implicated by Transcriptomic Changes Following Maternal Immune Activation in Nonhuman Primates. <i>Biological Psychiatry</i> , <b>2021</b> , 89, 896-910	7.9	7
67	Maternal dietary omega-3 deficiency worsens the deleterious effects of prenatal inflammation on the gut-brain axis in the offspring across lifetime. <b>2021</b> , 46, 579-602		6
66	Zinc Supplementation During Pregnancy Alleviates Lipopolysaccharide-Induced Glial Activation and Inflammatory Markers Expression in a Rat Model of Maternal Immune Activation. <b>2021</b> , 199, 4193-4204		4
65	Effects of iTBS-rTMS on the Behavioral Phenotype of a Rat Model of Maternal Immune Activation. <i>Frontiers in Behavioral Neuroscience</i> , <b>2021</b> , 15, 670699	3.5	1
64	Shedding light on the role of CX3CR1 in the pathogenesis of schizophrenia. <i>Pharmacological Reports</i> , <b>2021</b> , 73, 1063-1078	3.9	2
63	Schizophrenia, the gut microbiota, and new opportunities from optogenetic manipulations of the gut-brain axis. <i>Behavioral and Brain Functions</i> , <b>2021</b> , 17, 7	4.1	6
62	Histamine, Neuroinflammation and Neurodevelopment: A Review. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 680214	5.1	4
61	Differential effects of early or late exposure to prenatal maternal immune activation on mouse embryonic neurodevelopment.		1
60	Pharmacological Modulation of Toll-Like Receptors in Brain Disorders.		
59	Subtle alterations in neonatal neurodevelopment following early or late exposure to prenatal maternal immune activation.		
58	Purinergic signaling in nervous system health and disease: Focus on pannexin 1. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 225, 107840	13.9	5

57	Viral model of maternal immune activation alters placental AMPK and mTORC1 signaling in rats. <i>Placenta</i> , <b>2021</b> , 112, 36-44	3.4	2
56	Early or Late Gestational Exposure to Maternal Immune Activation Alters Neurodevelopmental Trajectories in Mice: An Integrated Neuroimaging, Behavioral, and Transcriptional Study. <i>Biological Psychiatry</i> , <b>2021</b> , 90, 328-341	7.9	6
55	Maternal immune activation as a risk factor for psychiatric illness in the context of the SARS-CoV-2 pandemic. <i>Brain, Behavior, &amp; Immunity - Health</i> , <b>2021</b> , 16, 100297	5.1	4
54	The emerging tale of microglia in psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 131, 1-29	9	14
53	Effect of dimethyl fumarate on the changes in the medial prefrontal cortex structure and behavior in the poly(I:C)-induced maternal immune activation model of schizophrenia in the male mice. <i>Behavioural Brain Research</i> , <b>2022</b> , 417, 113581	3.4	0
52	Double trouble: Prenatal immune activation in stress sensitive offspring. <i>Brain, Behavior, and Immunity</i> , <b>2022</b> , 99, 3-8	16.6	O
51	Autism Spectrum Disorder from the Womb to Adulthood: Suggestions for a Paradigm Shift. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	15
50	Alterations in retrotransposition, synaptic connectivity, and myelination implicated by transcriptomic changes following maternal immune activation in non-human primates.		O
49	Early or late gestational exposure to maternal immune activation alters neurodevelopmental trajectories in mice: an integrated neuroimaging, behavioural, and transcriptional study.		1
48	Memory deficits in males and females long after subchronic immune challenge.		1
47	Evidence of activation of the Toll-like receptor-4 proinflammatory pathway in patients with schizophrenia. <i>Journal of Psychiatry and Neuroscience</i> , <b>2016</b> , 41, E46-55	4.5	41
46	Maternal Immune Activation Alters Adult Behavior, Gut Microbiome and Juvenile Brain Oscillations in Ferrets. <i>ENeuro</i> , <b>2018</b> , 5,	3.9	14
45	Docosahexaenoic Acid Inhibits Cytokine Expression by Reducing Reactive Oxygen Species in Pancreatic Stellate Cells. <i>Journal of Cancer Prevention</i> , <b>2021</b> , 26, 195-206	3	
44	Two non-mammalian toll-like receptors (TLR21 and TLR22) from golden pompano (Trachinotus ovatus): Molecular cloning, gene characterization and expression analysis. <i>Aquaculture Reports</i> , <b>2021</b> , 21, 100912	2.3	
43	Maternal inflammation has a profound effect on cortical interneuron development in a stage and subtype-specific manner.		
42	Environmental influences on placental programming and offspring outcomes following maternal immune activation.		
41	Astroglia in Autism Spectrum Disorder. International Journal of Molecular Sciences, 2021, 22,	6.3	4
40	Subtle alterations in neonatal neurodevelopment following early or late exposure to prenatal maternal immune activation in mice. <i>NeuroImage: Clinical</i> , <b>2021</b> , 32, 102868	5.3	1

39	The Role of Maternal Immune Activation in the Pathogenesis of Autism: A Review of the Evidence, Proposed Mechanisms and Implications for Treatment. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	8
38	Microchimerism may be the cause of psychiatric disorders. <b>2019</b> , 3, 042-046		
37	Maternal Immune Activation with the Viral Mimetic Poly:IC in Pregnant Rats. <i>Bio-protocol</i> , <b>2020</b> , 10, e38	<b>17</b> .9	
36	Maternal Immune Activation as a Risk Factor for Schizophrenia: Evidence From Preclinical and Clinical Studies. <i>Agents and Actions Supplements</i> , <b>2020</b> , 129-154	0.2	1
35	LPS vs. Poly I:C Model: Comparison of Long-Term Effects of Bacterial and Viral Maternal Immune Activation (MIA) on the Offspring. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2021</b> ,	3.2	2
34	Contributions of epigenetic inheritance to the predisposition of major psychiatric disorders: theoretical framework, evidence, and implications <i>Neuroscience and Biobehavioral Reviews</i> , <b>2022</b> , 135, 104579	9	1
33	Sex Differences in Psychosis: Focus on Animal Models <i>Current Topics in Behavioral Neurosciences</i> , <b>2022</b> , 1	3.4	О
32	Genetic animal models for psychiatric disorders. <b>2022</b> , 241-267		
31	Differential effects of early or late exposure to prenatal maternal immune activation on mouse embryonic neurodevelopment <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2114545119	11.5	1
30	Investigating the Ewo-hit hypothesis Deffects of prenatal maternal immune activation and adolescent cannabis use on neurodevelopment in mice.		
29	Potential Neurocognitive Symptoms Due to Respiratory Syncytial Virus Infection <i>Pathogens</i> , <b>2021</b> , 11,	4.5	1
28	Prenatal Poly I:C challenge affects behaviors and neurotransmission via elevated neuroinflammation responses in female juvenile rats. <i>International Journal of Neuropsychopharmacology</i> , <b>2021</b> ,	5.8	1
27	Lack of Vesicular Zinc Does Not Affect the Behavioral Phenotype of Polyinosinic:Polycytidylic Acid-Induced Maternal Immune Activation Mice <i>Frontiers in Behavioral Neuroscience</i> , <b>2022</b> , 16, 769322	3.5	1
26	Neuronal Cell Adhesion Molecules May Mediate Neuroinflammation in Autism Spectrum Disorder <i>Frontiers in Psychiatry</i> , <b>2022</b> , 13, 842755	5	2
25	Structural and Functional Deviations of the Hippocampus in Schizophrenia and Schizophrenia Animal Models. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5482	6.3	2
24	Gestational immune activation disrupts hypothalamic neurocircuits of maternal care behavior <i>Molecular Psychiatry</i> , <b>2022</b> ,	15.1	O
23	Effects of Risperidone and Prenatal Poly I:C Exposure on GABAA Receptors and AKT-GSK3 Pathway in the Ventral Tegmental Area of Female Juvenile Rats. <i>Biomolecules</i> , <b>2022</b> , 12, 732	5.9	
22	Advantages and Limitations of Animal Schizophrenia Models. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5968	6.3	1

21	Modelling the neurodevelopmental pathogenesis in neuropsychiatric disorders. Bioactive kynurenines and their analogues as neuroprotective agents in celebration of 80th birthday of Professor Peter Riederer. <i>Journal of Neural Transmission</i> ,	6
20	Mid-pregnancy poly(I:C) viral mimic disrupts placental ABC transporter expression and leads to long-term offspring motor and cognitive dysfunction. <i>Scientific Reports</i> , <b>2022</b> , 12,	O
19	Neonatal sepsis is associated with behavioral abnormalities in very low birthweight infants at preschool age. <i>Frontiers in Pediatrics</i> , 10,	0
18	Using animal models for the studies of schizophrenia and depression: The value of translational models for treatment and prevention. 16,	
17	Preweaning environmental enrichment alters neonatal ultrasonic vocalisations in a rat model for prenatal infections. <b>2022</b> , 33, 402-417	
16	Neuropsychiatric outcomes in offspring after fetal exposure to maternal influenza infection during pregnancy: A systematic review. <b>2022</b> , 113, 155-169	O
15	Chromosomal and environmental contributions to sex differences in the vulnerability to neurological and neuropsychiatric disorders: Implications for therapeutic interventions. <b>2022</b> , 219, 102353	2
14	Developmental Manipulation-Induced Changes in Cognitive Functioning. 2022,	O
13	Investigating the Ewo-hit hypothesis: Effects of prenatal maternal immune activation and adolescent cannabis use on neurodevelopment in mice. <b>2023</b> , 120, 110642	О
12	Maternal immune activation affects socio-communicative behavior in adult rats.	O
11	Genetic and environmental mouse models of autism reproduce the spectrum of the disease.	0
10	The role of maternal immune activation in the immunological and neurological pathogenesis of autism. <b>2022</b> , 100030	O
9	Blocking the ErbB pathway during adolescence affects the induction of anxiety-like behavior in young adult maternal immune activation offspring. <b>2023</b> , 222, 173497	1
8	Epigenetic histone acetylation modulating prenatal Poly I:C induced neuroinflammation in the prefrontal cortex of rats: a study in a maternal immune activation model. 16,	1
7	The combined use of DTI and MR elastography for monitoring microstructural changes in the developing brain of a neurodevelopmental disorder model: Poly (I:C)-induced maternal immune-activated rats. <b>2023</b> , 18, e0280498	O
6	Schizophrenia as metabolic disease. What are the causes?.	O
5	Maternal immune dysregulation and autism spectrum disorder. <b>2023</b> , 21-61	О
4	Maternal immune activation affects socio-communicative behavior in adult rats. <b>2023</b> , 13,	O

3 Update on current animal models for schizophrenia: are they still useful?. **2023**, 36, 172-178 o

Neuroinflammation and Oxidative Stress in the Pathogenesis of Autism Spectrum Disorder. **2023**, 24, 5487

Maternal immune activation as an epidemiological risk factor for neurodevelopmental disorders:

Considerations of timing, severity, individual differences, and sex in human and rodent studies. 17,

О