

Pharmacogenomics: Catechol O-Methyltransferase to T

Cellular and Molecular Neurobiology

26, 537-559

DOI: [10.1007/s10571-006-9095-z](https://doi.org/10.1007/s10571-006-9095-z)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Relevance of pharmacogenetic aspects of mercaptopurine metabolism in the treatment of interstitial lung disease. <i>Current Opinion in Pulmonary Medicine</i> , 2007, 13, 458-463.	1.2	15
2	Biochemical and Molecular Modeling Studies of the <i>O</i> -Methylation of Various Endogenous and Exogenous Catechol Substrates Catalyzed by Recombinant Human Soluble and Membrane-Bound Catechol- <i>O</i> -Methyltransferases. <i>Chemical Research in Toxicology</i> , 2007, 20, 1409-1425.	1.7	75
3	COMT genotypes and use of antipsychotic medication: linking population-based prescription database to the HUNT study. <i>Pharmacoepidemiology and Drug Safety</i> , 2008, 17, 372-377.	0.9	7
4	The Biochemistry of Drug Metabolism – An Introduction. <i>Chemistry and Biodiversity</i> , 2008, 5, 2465-2578.	1.0	51
5	Proteomic changes in rat hippocampus and adrenals following short-term sleep deprivation. <i>Proteome Science</i> , 2008, 6, 14.	0.7	38
6	Vascular Actions of Estrogens: Functional Implications. <i>Pharmacological Reviews</i> , 2008, 60, 210-241.	7.1	447
7	Impact of the heterozygous TPMT1/3C genotype on azathioprine-induced myelosuppression in kidney transplant recipients in Thailand. <i>Clinical Therapeutics</i> , 2009, 31, 1524-1533.	1.1	16
8	Genetic variants in TPMT and COMT are associated with hearing loss in children receiving cisplatin chemotherapy. <i>Nature Genetics</i> , 2009, 41, 1345-1349.	9.4	287
9	Human <i>S</i> -adenosylhomocysteine hydrolase: common gene sequence variation and functional genomic characterization. <i>Journal of Neurochemistry</i> , 2009, 110, 1806-1817.	2.1	11
10	Variation in the <i>COMT</i> gene: implications for pain perception and pain treatment. <i>Pharmacogenomics</i> , 2009, 10, 669-684.	0.6	108
11	The effect of catechol- <i>O</i> -methyltransferase Met/Val functional polymorphism on smoking cessation: retrospective and prospective analyses in a cohort study. <i>Pharmacogenetics and Genomics</i> , 2009, 19, 45-51.	0.7	27
12	Reduced <i>O</i> -methyl-dopa levels in OCD patients and their unaffected parents is associated with the low activity M158 COMT allele. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 542-548.	1.1	3
13	Pharmacogenomics and active surveillance for serious adverse drug reactions in children. <i>Pharmacogenomics</i> , 2010, 11, 1269-1285.	0.6	19
14	The COMT Val108/158Met polymorphism and medial temporal lobe volumetry in patients with schizophrenia and healthy adults. <i>NeuroImage</i> , 2010, 53, 992-1000.	2.1	70
15	Influence of the COMT Genotype on Working Memory and Brain Activity Changes During Development. <i>Biological Psychiatry</i> , 2011, 70, 222-229.	0.7	139
16	Identification, characterization, and ontogenic study of a catechol <i>O</i> -methyltransferase from zebrafish. <i>Aquatic Toxicology</i> , 2011, 102, 18-23.	1.9	22
17	Effects of age, genes, and pulse pressure on executive functions in healthy adults. <i>Neurobiology of Aging</i> , 2011, 32, 1124-1137.	1.5	42
19	Chemotherapy refractory testicular germ cell tumor is associated with a variant in Armadillo Repeat gene deleted in Velco-Cardio-Facial syndrome (ARVCF). <i>Frontiers in Endocrinology</i> , 2012, 3, 163.	1.5	12

#	ARTICLE	IF	CITATIONS
21	Catechol O-methyltransferase pharmacogenomics and selective serotonin reuptake inhibitor response. <i>Pharmacogenomics Journal</i> , 2012, 12, 78-85.	0.9	27
22	Replication of TPMT and ABCC3 Genetic Variants Highly Associated With Cisplatin-Induced Hearing Loss in Children. <i>Clinical Pharmacology and Therapeutics</i> , 2013, 94, 243-251.	2.3	109
23	Pain modality- and sex-specific effects of COMT genetic functional variants. <i>Pain</i> , 2013, 154, 1368-1376.	2.0	81
24	Xenobiotic-sensing nuclear receptors involved in drug metabolism: a structural perspective. <i>Drug Metabolism Reviews</i> , 2013, 45, 79-100.	1.5	58
25	Biomarker Applications in the Pharmaceutical Industry. , 2013, , 3-20.		0
26	A New Thiopurine S ⁶ Methyltransferase Haplotype Associated With Intolerance to Azathioprine. <i>Journal of Clinical Pharmacology</i> , 2013, 53, 67-74.	1.0	21
27	Platinum-Induced Neurotoxicity and Preventive Strategies: Past, Present, and Future. <i>Oncologist</i> , 2015, 20, 411-432.	1.9	190
28	The Impact of Azathioprine-Associated Lymphopenia on the Onset of Opportunistic Infections in Patients with Inflammatory Bowel Disease. <i>PLoS ONE</i> , 2016, 11, e0155218.	1.1	31
29	Precision Medicine, Cardiovascular Disease and Hunting Elephants. <i>Progress in Cardiovascular Diseases</i> , 2016, 58, 651-660.	1.6	34
30	An observational study of the impact of genetic testing for pain perception in the clinical management of chronic non-cancer pain. <i>Journal of Psychiatric Research</i> , 2017, 89, 65-72.	1.5	7
31	<i>N</i> -Methylation of BI 187004 by Thiol <i>S</i> -Methyltransferase. <i>Drug Metabolism and Disposition</i> , 2018, 46, 770-778.	1.7	5
32	The role of estradiol in schizophrenia diagnosis and symptoms in postmenopausal women. <i>Schizophrenia Research</i> , 2018, 196, 35-38.	1.1	21
33	Regulation of Xenobiotic Metabolism in the Liver. , 2018, , 168-214.		1
34	Carcinogenic Polycyclic Aromatic Hydrocarbons. , 2018, , 87-153.		6
35	Methyltransferases. , 2018, , 497-516.		0
36	Dopamine-dependent cognitive processes after menopause: the relationship between COMT genotype, estradiol, and working memory. <i>Neurobiology of Aging</i> , 2018, 72, 53-61.	1.5	9
37	Finding the Responders in the Cancer Prevention Trials. <i>Journal of the National Cancer Institute</i> , 2019, 111, 639-640.	3.0	1
38	Biotransformation and bioactivation reactions â€” 2018 literature highlights. <i>Drug Metabolism Reviews</i> , 2019, 51, 121-161.	1.5	6

#	ARTICLE	IF	CITATIONS
39	Development of dopaminergic genetic associations with visuospatial, verbal and social working memory. <i>Developmental Science</i> , 2020, 23, e12889.	1.3	5
40	Role of inflammatory and pain genes polymorphisms in temporomandibular disorder and pressure pain sensitivity. <i>Archives of Oral Biology</i> , 2020, 118, 104854.	0.8	10
41	Characterization of SETD3 methyltransferase-mediated protein methionine methylation. <i>Journal of Biological Chemistry</i> , 2020, 295, 10901-10910.	1.6	14
42	Myasthenia gravis and azathioprine treatment: Adverse events related to thiopurine S-methyl-transferase (TPMT) polymorphisms. <i>Journal of the Neurological Sciences</i> , 2020, 412, 116734.	0.3	14
43	Association of polymorphic marker Val158Met of COMT gene with depression in an open population 25-44 years old (WHO international program MONICA, epidemiological study). <i>Nevrologiya, Neiropsikhiatriya, Psikhosomatika</i> , 2021, 13, 19-25.	0.2	0
44	Nuclear Receptor-Mediated Regulation of Phase II Conjugating Enzymes. , 0, , 61-110.		3
45	Metabolic Activation of Chemical Carcinogens. , 2011, , 135-158.		4
46	Methyltransferases. , 2010, , 435-457.		8
47	Impact of the Human Genome Project on Neonatal Care. , 2012, , 173-179.		0
48	Biotoxicity of Chemotherapy. <i>Medical Radiology</i> , 2014, , 123-152.	0.0	0
49	Working memory dysfunction in fibromyalgia is associated with genotypes of the catechol-O-methyltransferase gene: an event-related potential study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2023, 273, 25-40.	1.8	2