

# Polymorphism of Human Cytochrome P450 2D6 and Its

Clinical Pharmacokinetics

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Polymorphism of Human Cytochrome P450 2D6 and Its Clinical Significance. <i>Clinical Pharmacokinetics</i> , 2009, 48, 761-804.	1.6	306
3	Antiepileptic Drug Interactions - Principles and Clinical Implications. <i>Current Neuropharmacology</i> , 2010, 8, 254-267.	1.4	275
4	Psychedelic 5-Methoxy-N,N-Dimethyltryptamine: Metabolism, Pharmacokinetics, Drug Interactions, and Pharmacological Actions. <i>Current Drug Metabolism</i> , 2010, 11, 659-666.	0.7	122
5	Substrate-specific modulation of CYP3A4 activity by genetic variants of cytochrome P450 oxidoreductase. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 611-618.	0.7	99
6	How and Why to Screen for CYP2D6 Interindividual Variability in Patients Under Pharmacological Treatments. <i>Current Drug Metabolism</i> , 2010, 11, 276-282.	0.7	39
7	Differential outcomes from metabolic ratios in the identification of CYP2D6 phenotypes—focus on venlafaxine and O-desmethylvenlafaxine. <i>European Journal of Clinical Pharmacology</i> , 2010, 66, 879-887.	0.8	19
8	The role of CYP2D6 and ABCB1 pharmacogenetics in drug-naïve patients with first-episode schizophrenia treated with risperidone. <i>European Journal of Clinical Pharmacology</i> , 2010, 66, 1109-1117.	0.8	80
9	Pharmacogenetics and forensic toxicology. <i>Forensic Science International</i> , 2010, 203, 53-62.	1.3	56
10	Pharmacogenetics in palliative care. <i>Forensic Science International</i> , 2010, 203, 63-70.	1.3	19
11	Hypertrophic cardiomyopathy in childhood and adolescence — strategies to prevent sudden death. <i>Fundamental and Clinical Pharmacology</i> , 2010, 24, 637-652.	1.0	55
12	Cytochrome P450-mediated hepatic metabolism of new fluorescent substrates in cats and dogs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2010, 33, 519-527.	0.6	31
13	Effect of the CYP2D6*10 Genotype on Tolterodine Pharmacokinetics. <i>Drug Metabolism and Disposition</i> , 2010, 38, 1456-1463.	1.7	16
14	The Impact of Paroxetine Coadministration on Stereospecific Carvedilol Pharmacokinetics. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2010, 15, 373-379.	1.0	20
15	Personalized therapy in pain management: where do we stand?. <i>Pharmacogenomics</i> , 2010, 11, 843-864.	0.6	71
16	Induced pluripotent stem cells: opportunities as research and development tools in 21st century drug discovery. <i>Regenerative Medicine</i> , 2010, 5, 557-568.	0.8	25
17	Genetic Variations in Human Glutathione Transferase Enzymes: Significance for Pharmacology and Toxicology. <i>Human Genomics and Proteomics</i> , 2010, 2, 876940.	1.5	103
18	Estimation of the Interindividual Variability of Cytochrome 2D6 Activity from Urinary Metabolic Ratios in the Literature. <i>Drug Metabolism and Pharmacokinetics</i> , 2010, 25, 243-253.	1.1	19
19	New Meconium Biomarkers of Prenatal Methamphetamine Exposure Increase Identification of Affected Neonates. <i>Clinical Chemistry</i> , 2010, 56, 856-860.	1.5	14

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20	How Does Genetics Influence the Efficacy and Safety of Antiarrhythmic Drugs?. Cardiac Electrophysiology Clinics, 2010, 2, 359-367.	0.7	0
21	Advances in Perioperative Pain Management: Use of Medications with Dual Analgesic Mechanisms, Tramadol & Tapentadol. Anesthesiology Clinics, 2010, 28, 647-666.	0.6	45
22	Characterization of 107 Genomic DNA Reference Materials for CYP2D6, CYP2C19, CYP2C9, VKORC1, and UGT1A1. Journal of Molecular Diagnostics, 2010, 12, 835-846.	1.2	98
23	Risperidone long-acting injectable (Risperdal Consta <sup>®</sup> ) for maintenance treatment in patients with bipolar disorder. Expert Review of Neurotherapeutics, 2010, 10, 1637-1658.	1.4	41
24	Effects of heme precursors on CYP1A2 and POR expression in the baculovirus/Spodoptera frugiperda system. Journal of Biomedical Research, 2010, 24, 242-249.	0.7	6
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30	Copy number variants in pharmacogenetic genes. Trends in Molecular Medicine, 2011, 17, 244-251.	3.5	90
31	Infusion of Pharmacogenetics Into Cancer Care. Seminars in Oncology Nursing, 2011, 27, 45-53.	0.7	6
32	Pain, analgesia and genetics. Journal of Pharmacy and Pharmacology, 2011, 63, 1387-1400.	1.2	43
33	CYP2D6- and CYP3A-Dependent Enantioselective Plasma Concentrations of Ondansetron in Postanesthesia Care. Anesthesia and Analgesia, 2011, 113, 48-54.	1.1	31
34	Role of Retinoids, Reginoids and Thyroid Hormone in the Expression of Cytochrome P450 Enzymes. Current Drug Metabolism, 2011, 12, 71-88.	0.7	49
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39	Genotype-Based Quantitative Prediction of Drug Exposure for Drugs Metabolized by CYP2D6. <i>Clinical Pharmacology and Therapeutics</i> , 2011, 90, 582-587.	2.3	22
40	A Review of Systemic Opioids Commonly Used for Labor Pain Relief. <i>Journal of Midwifery and Women's Health</i> , 2011, 56, 222-239.	0.7	45
41	Guidance of pharmacotherapy in a complex psychiatric case by CYP450 DNA typing. <i>Journal of the American Academy of Nurse Practitioners</i> , 2011, 23, 459-463.	1.4	9
42	Effects of Paroxetine on the Pharmacokinetics and Pharmacodynamics of Immediate-Release and Extended-Release Metoprolol. <i>Pharmacotherapy</i> , 2011, 31, 630-641.	1.2	30
43	Perioperative genomics. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2011, 25, 549-555.	1.7	8
44	Pharmacogenetics and individualized therapy in children: immunosuppressants, antidepressants, anticancer and anti-inflammatory drugs. <i>Pharmacogenomics</i> , 2011, 12, 827-843.	0.6	13
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47	Review: Malaria Chemoprophylaxis for Travelers to Latin America. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 85, 1015-1024.	0.6	23
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49	CYP2D6 genotyping in breast cancer patients by liquid chromatography-electrospray ionization mass spectrometry. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2011, 6, 247-53.	0.3	0
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53	Expression Profiles of Metabolic Enzymes and Drug Transporters in the Liver and along the Intestine of Beagle Dogs. <i>Drug Metabolism and Disposition</i> , 2012, 40, 1603-1611.	1.7	30
54	Genetic determinants of response to cardiovascular drugs. <i>Current Opinion in Cardiology</i> , 2012, 27, 253-261.	0.8	14
55	Prediction of CYP2D6 Drug Interactions from In Vitro Data: Evidence for Substrate-Dependent Inhibition. <i>Drug Metabolism and Disposition</i> , 2012, 40, 47-53.	1.7	65
56	Relationship between the Concentration of Hydrocodone and its Conversion to Hydromorphone in Chronic Pain Patients Using Urinary Excretion Data. <i>Journal of Analytical Toxicology</i> , 2012, 36, 257-264.	1.7	38
57	Pharmacokinetics, Safety, and Tolerability of Atomoxetine and Effect of CYP2D6*10/*10 Genotype in Healthy Japanese Men. <i>Journal of Clinical Pharmacology</i> , 2012, 52, 388-403.	1.0	35

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58	Distribution of <i>CYP2D6</i> and <i>CYP2C19</i> Polymorphisms Associated with Poor Metabolizer Phenotype in Five Amerindian Groups and Western Mestizos from Mexico. <i>Genetic Testing and Molecular Biomarkers</i> , 2012, 16, 1098-1104.	0.3	35
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61	Similarities and Differences between US and Japan as to Pharmacogenomic Biomarker Information in Drug Labels. <i>Drug Metabolism and Pharmacokinetics</i> , 2012, 27, 142-149.	1.1	26
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63	Inter-individual Variability of In Vivo CYP2D6 Activity in Different Genotypes. <i>Drug Metabolism and Pharmacokinetics</i> , 2012, 27, 405-413.	1.1	21
64	Clinical Pharmacology of 3,4-Methylenedioxymethamphetamine (MDMA, "Ecstasy"): The Influence of Gender and Genetics (CYP2D6, COMT, 5-HTT). <i>PLoS ONE</i> , 2012, 7, e47599.	1.1	48
65	Developments in harmine pharmacology " Implications for ayahuasca use and drug-dependence treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 39, 263-272.	2.5	97
66	Pharmacogenetics of pain and analgesia. <i>Clinical Genetics</i> , 2012, 82, 321-330.	1.0	31
69	"Drugs on oxygen" an update and perspective on the role of cytochrome P450 testing in pharmacology. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2012, 8, 1357-1362.	1.5	5
70	A SNPshot of PubMed to associate genetic variants with drugs, diseases, and adverse reactions. <i>Journal of Biomedical Informatics</i> , 2012, 45, 842-850.	2.5	46
71	The Clinical Implications of Cytochrome P450 Interactions With Opioids and Strategies for Pain Management. <i>Journal of Pain and Symptom Management</i> , 2012, 44, S15-S22.	0.6	17
72	Psychiatric Pharmacogenomics in Pediatric Psychopharmacology. <i>Child and Adolescent Psychiatric Clinics of North America</i> , 2012, 21, 773-788.	1.0	9
73	Pharmacogenomics of Beta-Blockers and Statins: Possible Implications for Perioperative Cardiac Complications. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2012, 26, 1101-1114.	0.6	5
74	Metabolism of the Active Metabolite of Quetiapine, <i>N</i> -Desalkylquetiapine In Vitro. <i>Drug Metabolism and Disposition</i> , 2012, 40, 1778-1784.	1.7	28
75	Label-free genotyping of cytochrome P450 2D6*10 using ligation-mediated strand displacement amplification with DNAzyme-based chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2012, 710, 111-117.	2.6	9
76	The right compound in the right assay at the right time: an integrated discovery DMPK strategy. <i>Drug Metabolism Reviews</i> , 2012, 44, 224-252.	1.5	51
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78	Laboratory testing of CYP2D6 alleles in relation to tamoxifen therapy. <i>Genetics in Medicine</i> , 2012, 14, 990-1000.	1.1	39

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79	Safety of Flecainide. Drug Safety, 2012, 35, 273-289.	1.4	29
80	An Introduction to Personalized Medicine. , 2012, , 121-142.		3
81	Regioselective biotransformation of CNS drugs and its clinical impact on adverse drug reactions. Expert Opinion on Drug Metabolism and Toxicology, 2012, 8, 833-854.	1.5	12
83	Meclizine Metabolism and Pharmacokinetics: Formulation on Its Absorption. Journal of Clinical Pharmacology, 2012, 52, 1343-1349.	1.0	32
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90	Pharmacogenomics-Guided Approaches to Avoiding Adverse Drug Reactions. Clinical Pharmacology & Biopharmaceutics, 2012, 01, .	0.2	2
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92	Copy number variation and gene rearrangements in CYP2D6 genotyping using multiplex ligation-dependent probe amplification in Koreans. Pharmacogenomics, 2012, 13, 963-973.	0.6	10
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95	Fraud or flawed ? At the end of the day it may be the patient who pays the bill !. Clinical Therapeutics, 2012, 34, 1204-1206.	1.1	2
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101	Polymorphisms of the GSTM1, GSTT1, and CYP2D6 xenobiotic biotransformation genes, which are possible risk markers of cancer in populations of indigenous ethnic groups and Russians of North Siberia. <i>Russian Journal of Genetics: Applied Research</i> , 2012, 2, 7-17.	0.4	10
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111	Cytochrome p450, Part 1. <i>Nursing Clinics of North America</i> , 2013, 48, 671-680.	0.7	7
112	Cytochrome p450 Part 2. <i>Nursing Clinics of North America</i> , 2013, 48, 681-696.	0.7	7
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122	Tramadol-induced apnea. <i>American Journal of Emergency Medicine</i> , 2013, 31, 26-31.	0.7	52
123	The Association of <i>CYP2D6</i> Genotype and Postoperative Nausea and Vomiting in Orthopedic Trauma Patients. <i>Biological Research for Nursing</i> , 2013, 15, 382-389.	1.0	31
124	Complexities of <i>CYP2D6</i> gene analysis and interpretation. <i>International Review of Psychiatry</i> , 2013, 25, 534-553.	1.4	188
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135	Systematic Functional Study of Cytochrome P450 2D6 Promoter Polymorphisms in the Chinese Han Population. <i>PLoS ONE</i> , 2013, 8, e57764.	1.1	5
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148	Influence of Cytochrome P450, Family 2, Subfamily D, Polypeptide 6 (CYP2D6) Polymorphisms on Pain Sensitivity and Clinical Response to Weak Opioid Analgesics. <i>Drug Metabolism and Pharmacokinetics</i> , 2014, 29, 29-43.	1.1	35
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156	Precursors for cytochrome P450 profiling breath tests from an in silico screening approach. <i>Journal of Breath Research</i> , 2014, 8, 046001.	1.5	1
157	Stereoselective analysis of flecainide enantiomers using reversed-phase liquid chromatography for assessing CYP2D6 activity. <i>Biomedical Chromatography</i> , 2014, 28, 1193-1198.	0.8	4
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