Transient trimethylaminuria related to menstruation

DOI: 10.1186/1471-2350-8-2
BMC Medical Genetics, 2007, 8, 2.

#	Paper	IF	Citations
58	Flavin-containing monooxygenase 3 and human disease. *Expert Opinion on Drug Metabolism and Toxicology*, **2007**, 3, 831-45	5.5	40
57	Halitosis (breath odor). *Periodontology 2000*, **2008**, 48, 66-75	12.9	94
56	Complex mechanism underlying transcriptional control of the haplotyped flavin-containing monooxygenase 3 (FMO3) gene in Japanese: different regulation between mutations in 5∀upstream distal region and common element in proximal region. *Drug Metabolism and Pharmacokinetics*, **2008**, 23, 54-8	2.2	11
55	The amelioration of olfactory acuity upon sexual maturation might affect food preferences. *Nutrients*, **2009**, 1, 3-17	6.7	7
54	Flavin-containing monooxygenase 3 polymorphisms in 13 ethnic populations from Europe, East Asia and sub-Saharan Africa: frequency and linkage analysis. *Pharmacogenomics*, **2009**, 10, 1447-55	2.6	14
53	Hepatic flavin-containing monooxygenase gene regulation in different mouse inflammation models. *Drug Metabolism and Disposition*, **2009**, 37, 462-8	4	31
52	Novel variants of the human flavin-containing monooxygenase 3 (FMO3) gene associated with trimethylaminuria. *Molecular Genetics and Metabolism*, **2009**, 97, 128-35	3.7	26
51	Bonitos with low content of malodorous trimethylamine as palliative care for self-reported Japanese trimethylaminuria subjects. *Drug Metabolism and Pharmacokinetics*, **2009**, 24, 549-52	2.2	8
50	[Individual differences of drug-metabolizing enzymes as determinants for the metabolic fate of chemicals--a study of trimethylamine and flavin-containing monooxygenase 3-]. *Yakugaku Zasshi*, **2009**, 129, 1351-6	0	1
49	Expression of Trace Amine-Associated Receptors in Human Nasal Mucosa. *Chemosensory Perception* , **2010**, 3, 99-107	1.2	28
48	A physiological role for flavin-containing monooxygenase (FMO3) in humans?. *Xenobiotica*, **2010**, 40, 301-5	2	12
47	Individuals reporting idiopathic malodor production: demographics and incidence of trimethylaminuria. *American Journal of Medicine*, **2011**, 124, 1058-63	2.4	17
46	Developmental variations in metabolic capacity of flavin-containing mono-oxygenase 3 in childhood. *British Journal of Clinical Pharmacology*, **2011**, 71, 585-91	3.8	22
45	Clinical utility gene card for: trimethylaminuria. *European Journal of Human Genetics*, **2012**, 20,	5.3	10
44	Microbial volatile compounds in health and disease conditions. *Journal of Breath Research*, **2012**, 6, 024001	3.1	73
43	Halitology (breath odour: aetiopathogenesis and management). *Oral Diseases*, **2012**, 18, 333-45	3.5	84
42	Trimethylaminuria (fish odor syndrome): genotype characterization among Portuguese patients. *Gene*, **2013**, 527, 366-70	3.8	14

41	FMO3 allelic variants in Sicilian and Sardinian populations: trimethylaminuria and absence of fish-like body odor. *Gene*, **2013**, 515, 410-5	3.8	16
40	Trimethylamine-N-oxide, a metabolite associated with atherosclerosis, exhibits complex genetic and dietary regulation. *Cell Metabolism*, **2013**, 17, 49-60	24.6	602
39	Challenges in the Investigation of Volatile Disease Biomarkers in Urine. **2013**, 394-404		5
38	Transient massive trimethylaminuria associated with food protein-induced enterocolitis syndrome. *JIMD Reports*, **2014**, 12, 11-5	1.9	11
37	Human trace amine-associated receptor TAAR5 can be activated by trimethylamine. *PLoS ONE*, **2013**, 8, e54950	3.7	79
36	Relationships between flavin-containing mono-oxygenase 3 (FMO3) genotype and trimethylaminuria phenotype in a Japanese population. *British Journal of Clinical Pharmacology*, **2014**, 77, 839-51	3.8	17
35	Regulation of flavin-containing mono-oxygenase (Fmo3) gene expression by steroids in mice and humans. *Hormone Molecular Biology and Clinical Investigation*, **2014**, 20, 99-109	1.3	14
34	Detection of volatile malodorous compounds in breath: current analytical techniques and implications in human disease. *Bioanalysis*, **2014**, 6, 357-76	2.1	13
33	Probiotic supplementation and trimethylamine-N-oxide production following a high-fat diet. *Obesity*, **2015**, 23, 2357-63	8	79
32	Short-term high-fat diet increases postprandial trimethylamine-N-oxide in humans. *Nutrition Research*, **2015**, 35, 858-864	4	58
31	Microbiology Meets Big Data: The Case of Gut Microbiota-Derived Trimethylamine. *Annual Review of Microbiology*, **2015**, 69, 305-21	17.5	94
30	Clinical utility gene card for: Trimethylaminuria - update 2014. *European Journal of Human Genetics*, **2015**, 23,	5.3	20
29	Trimethylaminuria. *BMJ Case Reports*, **2016**, 2016,	0.9	2
28	Trimethylamine-The Extracorporeal Envoy. *Chemical Senses*, **2016**, 41, 275-9	4.8	7
27	New Insight into the Dietary Cause of Atherosclerosis: Implications for Pharmacology. *Journal of Pharmacology and Experimental Therapeutics*, **2016**, 358, 103-8	4.7	15
26	Genetic analysis of impaired trimethylamine metabolism using whole exome sequencing. *BMC Medical Genetics*, **2017**, 18, 11	2.1	8
25	Trimethylamine N-Oxide, the Microbiome, and Heart and Kidney Disease. *Annual Review of Nutrition*, **2017**, 37, 157-181	9.9	204
24	Pharmacology of human trace amine-associated receptors: Therapeutic opportunities and challenges. *Pharmacology & Therapeutics*, **2017**, 180, 161-180	13.9	103

23	Drug metabolism by flavin-containing monooxygenases of human and mouse. *Expert Opinion on Drug Metabolism and Toxicology*, **2017**, 13, 167-181	5.5	59
22	Trace Amines and Their Receptors. *Pharmacological Reviews*, **2018**, 70, 549-620	22.5	135
21	Trace Amine-Associated Receptors as Novel Therapeutic Targets for Immunomodulatory Disorders. *Frontiers in Pharmacology*, **2018**, 9, 680	5.6	15
20	Human Olfactory Receptors: Novel Cellular Functions Outside of the Nose. *Physiological Reviews*, **2018**, 98, 1739-1763	47.9	82
19	The genetic and biochemical basis of trimethylaminuria in an Irish cohort. *JIMD Reports*, **2019**, 47, 35-40	1.9	4
18	Endogenous Roles of Mammalian Flavin-Containing Monooxygenases. *Catalysts*, **2019**, 9, 1001	4	5
17	Flavin-containing monooxygenase 3 (FMO3): genetic variants and their consequences for drug metabolism and disease. *Xenobiotica*, **2020**, 50, 19-33	2	28
16	Plasma Trimethylamine N-Oxide and Its Precursors: Population Epidemiology, Parent-Child Concordance, and Associations with Reported Dietary Intake in 11- to 12-Year-Old Children and Their Parents. *Current Developments in Nutrition*, **2020**, 4, nzaa103	0.4	10
15	Treatments of trimethylaminuria: where we are and where we might be heading. *Drug Discovery Today*, **2020**, 25, 1710-1717	8.8	10
14	Gut microbiota: a promising target against cardiometabolic diseases. *Expert Review of Endocrinology and Metabolism*, **2020**, 15, 13-27	4.1	21
13	Microbiota and Malodor-Etiology and Management. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	12
12	Trimethylamine -oxide: heart of the microbiota-CVD nexus?. *Nutrition Research Reviews*, **2021**, 34, 125-146	7	12
11	Use of dietary phytochemicals for inhibition of trimethylamine N-oxide formation. *Journal of Nutritional Biochemistry*, **2021**, 91, 108600	6.3	8
10	Methylotrophic Bacteria in Trimethylaminuria and Bacterial Vaginosis. **2010**, 3227-3240		4
9	Association of TERC and OBFC1 haplotypes with mean leukocyte telomere length and risk for coronary heart disease. *PLoS ONE*, **2013**, 8, e83122	3.7	34
8	Timberol Inhibits TAAR5-Mediated Responses to Trimethylamine and Influences the Olfactory Threshold in Humans. *PLoS ONE*, **2015**, 10, e0144704	3.7	8
7	1.??????????(?????)????????????????????????3???????. *Japanese Journal of Clinical Pharmacology and Therapeutics*, **2009**, 40, 55S-56S	0	
6	Trimethylaminuria and Dimethylglycine Dehydrogenase Deficiency. **2012**, 431-435		

5	Trimethylaminuria: causes and diagnosis of a socially distressing condition. *Clinical Biochemist Reviews*, **2011**, 32, 33-43	7.3	63
4	A review of trimethylaminuria: (fish odor syndrome). *Journal of Clinical and Aesthetic Dermatology*, **2013**, 6, 45-8	1.2	26
3	Balancing the Equation: A Natural History of Trimethylamine and Trimethylamine--oxide.. *Journal of Proteome Research*, **2022**,	5.6	1
2	Effects of acute administration of trimethylamine N-oxide on endothelial function: a translational study. *Scientific Reports*, **2022**, 12,	4.9	1
1	Criticism of the organoleptic examination for the diagnosis of oral halitosis.		0