

# Tobacco in Australia

## Facts & Issues

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### Relevant news and research

#### 6.2 Pharmacokinetics

*Last updated January 2021*

#### Research:

Roberts, W, Marotta, PL, Verplaetse, TL, Peltier, MR, Burke, C, Ramchandani, VA, & McKee, SA. (2020). A prospective study of the association between rate of nicotine metabolism and alcohol use in tobacco users in the United States. *Drug Alcohol Depend*, 216, 108210. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32805549>

Benowitz, NL, Helen, GS, Nardone, N, Cox, LS, & Jacob, P. (2019). Urine Metabolites for Estimating Daily Intake of Nicotine from Cigarette Smoking. *Nicotine Tob Res*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30852610>

Maynard OM, McClernon FJ, Oliver JA, and Munafo MR. Using neuroscience to inform Tobacco Control policy. *Nicotine Tob Res*, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29590482>

Baraona LK, Lovelace D, Daniels JL, and McDaniel L. Tobacco harms, nicotine pharmacology, and pharmacologic Tobacco cessation interventions for women. *J Midwifery Womens Health*, 2017; 62(3):253–69. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28556464>

Benowitz NL, Hukkanen J, and Jacob P, 3rd. Nicotine chemistry, metabolism, kinetics and biomarkers. *Handb Exp Pharmacol*, 2009; 192(192):29–60. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/19184645>

Benowitz NL. Pharmacology of nicotine: Addiction, smoking-induced disease, and therapeutics. *Annu Rev Pharmacol Toxicol*, 2009; 49:57–71. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/18834313>

Benowitz N. Clinical pharmacology of nicotine: Implications for understanding, preventing, and teaching tobacco addiction. *Clinical Pharmacology & Therapeutics*, 2008; 83:531–41. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/18305452>

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<https://www.ncbi.nlm.nih.gov/pubmed/11330657>

Kozlowski LT, Mehta NY, Sweeney CT, Schwartz SS, Vogler GP, et al. Filter ventilation and nicotine content of tobacco in cigarettes from Canada, the United Kingdom, and the United States. *Tob Control*, 1998; 7(4):369–75. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/10093170>

Dahlstrom A, Lundell B, Curvall M, and Thapper L. Nicotine and cotinine concentrations in the nursing mother and her infant. *Acta Paediatr Scand*, 1990; 79(2):142–7. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/2321475>

News reports:

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