

## **Bibliography of the Sources Examined for the Opinion on the Addictiveness and Attractiveness of Tobacco Additives**

- ACSCAN (American Cancer Society Cancer Action Network), American Heart Association, American Lung Association, Campaign for Tobacco-Free Kids, American Legacy Foundation. Submission to U.S. Food and Drug Administration re Docket No. FDA-2010-N-0207, 2010; July 26. Available from: URL: [http://www.tobaccofreekids.org/reports/fda/regulatory\\_docs/Comments%20to%20FDA%20RFI%20re%20youth%20and%20minority%20marketing%207-26-10.pdf](http://www.tobaccofreekids.org/reports/fda/regulatory_docs/Comments%20to%20FDA%20RFI%20re%20youth%20and%20minority%20marketing%207-26-10.pdf)
- Adam T, McAughey J, McGrath C, Mocker C, Zimmermann R. Simultaneous on-line size and chemical analysis of gas phase and particulate phase of cigarette mainstream smoke. *Anal Bioanal Chem* 2009; 394:1193-203.
- Adam T, Mitschke S, Streibel T, Baker RR, Zimmermann R. Puff-by-puff resolved characterisation of cigarette mainstream smoke by single photon ionisation (SPI)-time-of-flight mass spectrometry (TOFMS): comparison of the 2R4F research cigarette and pure Burley, Virginia, Oriental and Maryland tobacco cigarettes. *Anal Chim Acta*. 2006 Jul 21;572(2):219-29. Epub 2006; May 22.
- Ahijevych K, Garrett BE. Menthol pharmacology and its potential impact on cigarette smoking behaviour. *Nicotine Tob Res* 2004; 6 Suppl 1:S17-28.
- Ahijevych K, Gillespie J, Demirci M, Jagadeesh J. Menthol and nonmenthol cigarettes and smoke exposure in black and white women. *Pharmacol Biochem Behav* 1996; 53:355-60.
- Ahijevych K, Parsley LA. Smoke constituent exposure and stage of change in black and white women cigarette smokers. *Addict Behav* 1999; 24:115-20.
- Akehurst BC Tobacco. Second edition. Tropical Agriculture Series. Longman. London and New York. 1981; Pp. 630 – 635.
- Al Rashidi M, Shihadeh A, Saliba NA. Volatile aldehydes in the mainstream smoke of the narghile waterpipe. *Food Chem Toxicol* 2008; 46:3546-9.
- ALA (American Lung Association) (2006a), "Tobacco Policy Trend Alert: From Joe Camel to Kauai Kolada – the Marketing of Candy-Flavored Cigarettes" July 2005 (updated May 2006). Available from: URL: <http://slati.lungusa.org/reports/CandyFlavoredUpdatedAlert.pdf>
- ALA (American Lung Association) (2006b), "Tobacco Policy Trend Alert Addendum, Alcohol-Flavored Cigarettes – Continuing the Flavored Cigarette Trend", May 2006. Available from: URL: <http://slati.lungusa.org/alerts/Alcohol-Flavored-Addendum.pdf>
- ALF- American Legacy Foundation. Cigarette Preferences Among Youth--Results from the 2006 Legacy Media Tracking Online (LMTO) 2007; June 5, First Look Report 17. Available from: URL: [http://americanlegacy.org/PDFPublications/fl\\_17.pdf](http://americanlegacy.org/PDFPublications/fl_17.pdf)
- ALF- American Legacy Foundation. Legacy Launches Online Counter View to Respond to Tobacco Industry Claims on Menthol Cigarettes" August 16, 2010 (Accessed Sept. 4, 2010). 2010a; Available from: URL: <http://www.legacyforhealth.org/3680.aspx>
- ALF- American Legacy Foundation. Consider the Source" 2010 (Accessed Sept. 4, 2010). 2010b; Available from: URL: <http://www.legacyforhealth.org/3654.aspx>

- Alford ED, Johnson RR. Improved smoking products containing cis-3-hexen-1-ol. Tobacco Industry Documents: Brown & Williamson; Bates Number: 680258791-8792, 1969. (Accessed 5 July 2010). Available from: URL:<http://tobaccodocuments.org/bw/11926563.html>
- Alford ED, Johnson RR. United States Patent. Tobacco product including releasable flavorant. Tobacco Industry Documents: RJ Reynolds; Bates Number: 505626524-6526, 1970. (Accessed 5 July 2010). <http://tobaccodocuments.org/rjr/505626524-6526.html>
- Altria Client services (ALCS) Written submission for the July 15-16, 2010, meeting of the Tobacco Products Scientific Advisory Committee. Menthol discussion. Fed. Reg. 28027. Docket n° FDA-2010-N-001;2010.
- Amos A, Hastings G. A review of young people and smoking in England. Public Health Research Consortium; 2009. (Accessed 22 March 2010). Available from: URL:<http://www.york.ac.uk/phrc/PHRC%20A7-08%20Revised%20final%20report.pdf>
- Amos CI, Wu X, Broderick P, Gorlov IP, Gu J, Eisen T, et al. Genome-wide association scan of tag SNPs identifies a susceptibility locus for lung cancer at 15q25.1. Nat Genet 2008; 40:616-22.
- Anthony JC, Warner LA, Kessler RC. Comparative epidemiology of dependence on tobacco, alcohol, controlled substances, and inhalants: basic findings from the National Comorbidity Survey. Exp Clin Psychopharmacol 1994; 2:244- 268.
- APA. Diagnostic and statistical manual of mental health disorders. 4th ed. 1994; Washington DC: American Psychiatric Association; 1994.
- Arib O, Rat P, Molimard R, Chait A, Faure P, de Beaurepaire R, Electrophysiological characterization of harmaline-induced activation of mesolimbic dopamine neurons. European Journal of Pharmacology 2010; 629: 47-52
- Armitage AK, Dixon M, Frost BE, Mariner DC, Sinclair NM. The effect of tobacco blend additives on the retention of nicotine and solanesol in the human respiratory tract and on subsequent plasma nicotine concentrations during cigarette smoking. Chem Res Toxicol 2004; 17:537-44.
- Arnold JM, Roberts DC. A critique of fixed and progressive ratio schedules used to examine the neural substrates of drug reinforcement. Pharmacol Biochem Behav 1997; 57:441-7.
- ASH. Tobacco products at point of sale. ASH Briefing; January 2010.
- Ashare RL, Hawk LW Jr, Cummings KM, O'Connor RJ, Fix BV, Schmidt WC. Smoking expectancies for flavored and non-flavored cigarettes among college students. Addict Behav 2007; 32:1252-61.
- Baker Tobacco. Production, Chemistry and Technology. Book extract: smoke pH. Blackwell Science KK. 1999; pp. 434-435
- Baker RR. Sugars, carbonyls and smoke. Letter to the Editor. Food and Chemical Toxicology 45. 2007; 1783-1786.
- Baker RR, Bishop LJ. The pyrolysis of tobacco ingredients. J Anal Appl Pyrol 2004a; 71:223-331.

- Baker RR, Massey ED, Smith G. An overview of the effects of tobacco ingredients on smoke chemistry and toxicity. *Food Chem Toxicol* 2004b; 42 Suppl:S53-83.
- Baker RR, Pereira da Silva JR, Smith G. The effect of tobacco ingredients on smoke chemistry. Part I: Flavourings and additives. *Food Chem Toxicol* 2004c; 42 Suppl:S3-37.
- Baker RR, Pereira da Silva JR, Smith G. The effect of tobacco ingredients on smoke chemistry. Part II: Casing ingredients. *Food and Chemical Toxicology* 2004d, 42S, S39-S52
- Baker RR. Chemosensory research. *Tobacco Industry Documents: British American Tobacco*; Bates Number: 400854060-4066, 1990. (accessed 5 July 2010). Available from: URL: <http://legacy.library.ucsf.edu/action/document/page?tid=pog04a99>
- Baker RR. The generation of formaldehyde in cigarettes – Overview and recent experiments. *Food Chem Toxicol* 2006; 44:1799-822.
- Balerio GN, Aso E, Berrendero F, Murtra P, Maldonado R. Delta9-tetrahydrocannabinol decreases somatic and motivational manifestations of nicotine withdrawal in mice. *Eur J Neurosci* 2004; 20:2737-48.
- Balerio GN, Aso E, Maldonado R. Involvement of the opioid system in the effects induced by nicotine on anxiety-like behaviour in mice. *Psychopharmacology (Berl)* 2005; 181:260-9.
- Balfour D, Benowitz N, Fagerström K, Kunze M, Keil U. Diagnosis and treatment of nicotine dependence with emphasis on nicotine replacement therapy. A status report. *Eur Heart J* 2000; 21:438-45.
- Balfour DJ, Benwell ME, Birrell CE, Kelly RJ, Al-Aloul M. Sensitization of the mesoaccumbens dopamine response to nicotine. *Pharmacol Biochem Behav* 1998; 59:1021-30.
- Balfour DJ, Fagerström KO. Pharmacology of nicotine and its therapeutic use in smoking cessation and neurodegenerative disorders. *Pharmacol Ther* 1996; 72:51-81.
- Balfour DJK, Benwell MEM. Desensitisation of the stimulatory effects of nicotine on dopamine secretion in the mesolimbic system of the rat. *APS. Advances in Pharmacological Sciences. Effects of Nicotine on Biological Systems II*. Birkhauser Verlag. Basel· Boston· Berlin. 1995; pp. 211-214
- Bardo MT, Bevins RA. Conditioned place preference: what does it add to our preclinical understanding of drug reward? *Psychopharmacology (Berl)* 2000; 153:31-43.
- Barik J, Wonnacott S, Molecular and cellular mechanisms of action of nicotine in the CNS. J.E. Henningfield et al (eds.), *Nicotine Psychopharmacology, Handbook of Experimental Pharmacology* 192, Springer-Verlag Berlin Heidelberg 2009.
- Barnett TE, Curbow BA, Weitz JR, Johnson TM, Smith-Simone SY (2009), "Water pipe tobacco smoking among middle and high school students" *Am J Public Health*, 2009 Nov;99 (11):2014-9.
- BAT. Project Kestrel – root beer cigarettes. *Tobacco Industry Documents: British American Tobacco*; Bates Number: 400649145-9146, 1997. (Accessed 7 December 2009). Available from: URL:<http://tobaccodocuments.org/youth/AmYoBAT00000000.Me.html?pattern=%22brazilian+fruit+juice%22#images>

- BAT. Response submitted to the SCENIHR Committee "call for information" by British American Tobacco; 2010. (Accessed 22 June 2010). Available from: URL:[http://ec.europa.eu/health/scientific\\_committees/consultations/calls/scenihr\\_call\\_info\\_08\\_en.htm](http://ec.europa.eu/health/scientific_committees/consultations/calls/scenihr_call_info_08_en.htm)
- BATCo Limited. Casings and Flavourings. BAT European Product Seminar. 1997; 760076336-760076353.
- BATCo Limited. Without Casings and Flavourings. BAT European Product Seminar. 1997; 60076123- 760076306.
- Bates C, Jarvis M, Connolly G, Titre original: «Tobacco additives, cigarette engineering and nicotine addiction», édité par Action on Smoking and Health, UK (ash.org.uk). Version originale en anglais: 14 Juillet 1999. Traduit de l'anglais par Angela Verdier. Juin 2005 pour la traduction française: L'Ingénierie de la cigarette et la dépendance à la nicotine. 2005; StopTabakBrochure. URL: [www.stoptabac.ch](http://www.stoptabac.ch)
- Bates C, Jarvis M, Connolly G. Tobacco Additives: cigarette engineering and nicotine addiction. London: ASH UK Report; 1999; 14 July.
- Belin D, Mar AC, Dalley JW, Robbins TW, Everitt BJ. High impulsivity predicts the switch to compulsive cocaine-taking. *Science* 2008; 320:1352-5.
- Belluzzi JD, Wang R, Leslie FM. Acetaldehyde enhances acquisition of nicotine self-administration in adolescent rats. *Neuropsychopharmacology* 2005; 30:705-12.
- Benowitz NL. Pharmacology of nicotine. *Handbook of Substance Abuse. Neurobehavioral Pharmacology*. Plenum Press. New York and London. 1998; pp. 283-297.
- Benowitz NL. Pharmacology of nicotine: addiction, smoking-induced disease and therapeutics. *Annu. Rev. Pharmacol. Toxicol.* 2009; 49:57-71
- Benowitz NL, Herrera B, Jacob P 3rd. Mentholated cigarette smoking inhibits nicotine metabolism. *J. Pharmacol Exp Ther* 2004; 319:1208-15.
- Benowitz NL, Katherine M. Dains, Sharon M. Hall, Susan Stewart, Margaret Wilson, Delia Dempsey, and Peyton Jacob III. Progressive Commercial Cigarette Yield Reduction: Biochemical Exposure and Behavioral Assessment. *Cancer Epidemiol Biomarkers Prev* 2009;18(3):876-83
- Benowitz NL, Lessov-Schlaggar CN, Swan GE, Jacob P. Female sex and oral contraceptive use accelerate nicotine metabolism. *Clin Pharmacol Ther* 2006; 79:480-8.
- Benowitz NL. Clinical pharmacology of nicotine: implications for understanding, preventing, and treating tobacco addiction. *Clin Pharmacol Ther* 2008; 83:531-41.
- Berggren U, Eriksson M, Fahlke C, Blennow K, Balldin J. Different effects of smoking or use of smokeless tobacco on platelet MAO-B activity in type 1 alcohol-dependent subjects. *Alcohol Alcohol* 2007; 42:267-71.
- Berlin I, Anthenelli RM. Monoamine oxidases and tobacco smoking. *Int J Neuropsychopharmacol* 2001; 4:33-42.
- Berlin I, Saïs S, Spreux-Varoquaux O, Launay J-M, Olivares R, Millet V, Lecrubier Y, Puech AJ. A reversible monoamine oxidase A inhibitor (moclobemide) facilitates smoking cessation and abstinence in heavy, dependent smokers. *Clin Pharmacol Ther* 1995; 58:444-52.

- Bernasconi C, Rembges D, Kotzias D. Annex I. Report on the 1st analysis of TNCO and ingredients reporting data of cigarettes from seven European Member States. European Commission, JRC-Physical and Chemical Exposure Unit, 2007.
- Bernasconi C, Rembges D, Kotzias D. Report on the 1st analysis of TNCO and ingredients reporting data of cigarettes from seven European Member States. Annex II: Figures of the BAT ingredients – public available information. European Commission, JRC-Physical and Chemical Exposure Unit; 2007.
- Bernstein D. A review of the influence of particle size, puff volume, and inhalation pattern on the deposition of cigarette smoke particles in the respiratory tract. *Inhal Toxicol* 2004; 16:675-89.
- Berrendero F, Kieffer BL, Maldonado R. Attenuation of nicotine-induced antinociception, rewarding effects, and dependence in mu-opioid receptor knock-out mice. *J Neurosci* 2002; 22:10935-40.
- Berrendero F, Mendizabal V, Robledo P, Galeote L, Bilkei-Gorzo A, Zimmer A, et al. Nicotine-induced antinociception, rewarding effects, and physical dependence are decreased in mice lacking the preproenkephalin gene. *J Neurosci* 2005; 25:1103-12.
- Berrendero F, Robledo P, Trigo JM, Martín-García E, Maldonado R. Neurobiological mechanisms involved in nicotine dependence and reward: participation of the endogenous opioid system. *Neurosci Biobehav Rev* 2010; Feb 16.
- Berrettini W, Yuan X, Tozzi F, Song K, Francks C, Chilcoat H, et al. Alpha-5/alpha-3 nicotinic receptor subunit alleles increase risk for heavy smoking. *Mol Psychiatry* 2008; 13:368-73.
- Berridge MS, Apana SM, Nagano KK, Berridge CE, Leisure GP, Boswell MV. Smoking produces rapid rise of [<sup>11</sup>C]nicotine in human brain. *Psychopharmacology (Berl)* 2010; 209:383-94.
- Bespalov AY, Dravolina OA, Sukhanov I, Zakharova E, Blokhina E, Zvartau E, et al. Metabotropic glutamate receptor (mGluR5) antagonist MPEP attenuated cue- and schedule-induced reinstatement of nicotine self-administration behavior in rats. *Neuropharmacology* 2005; 49 Suppl 1:167-78.
- Biala G, Budzynska B, Staniak N. Effects of rimonabant on the reinstatement of nicotine-conditioned place preference by drug priming in rats. *Behav Brain Res* 2009; 202:260-5.
- Biala G, Weglinska B. On the mechanism of cross-tolerance between morphine- and nicotine-induced antinociception: involvement of calcium channels. *Prog Neuropsychopharmacol Biol Psychiatry* 2006; 30:15-21.
- Bierut LJ. Nicotine dependence and genetic variation in the nicotinic receptors. *Drug Alcohol Depend* 2009; 104 Suppl 1:S64-9.
- Bilkei-Gorzo A, Rácz I, Michel K, Darvas M, Maldonado R, Zimmer A. A common genetic predisposition to stress sensitivity and stress-induced nicotine craving. *Biol Psychiatry* 2008; 63:164-71.
- Bonetta L. Safer cigarettes anger anti-smoking campaigners. *Lancet Oncol* 2001; 2:462.

- Breese CR, Marks MJ, Logel J, Adams CE, Sullivan B, Collins AC, et al. Effect of smoking history on [3H]-nicotine binding in human post-mortem brain. *J Pharmacol Exp Ther* 1997; 282:7-13.
- Breyer-Pfaff U, Wiatr G, Stevens I, Gaertner HJ, Mundle G, Mann K. Elevated norharman plasma levels in alcoholic patients and controls resulting from tobacco smoking. *Life Sci* 1996; 58:1425-32.
- Brody AL, Mandelkern MA, Costello MR, Abrams AL, Scheibal D, Farahi J, et al. Brain nicotinic acetylcholine receptor occupancy: effect of smoking a denicotinized cigarette. *Int J Neuropsychopharmacol* 2009; 12:305-16.
- Brody AL, Mandelkern MA, London ED, Olmstead RE, Farahi J, Scheibal D, Jou J, Allen V, Tiongson E, Chefer S, Koren AO, Mukhin AG. Cigarette Smoking Saturates Brain  $\alpha 4\beta 2$  Nicotinic Acetylcholine Receptors. *Arch Gen Psychiatry*. 2006; 63:907-915.
- Brook JS, Koppel J and Pahl K. Predictors of DSM and Fagerström-Defined Nicotine Dependence in African American and Puerto Rican Young Adults. *Subst Use & Misuse*, 2009; 44:809-822.
- Brooks DR, Palmer JR, Strom BL, Rosenberg L. Menthol cigarettes and risk of lung cancer. *Am J Epidemiol* 2003; 158:609-16.
- Brozinski M, Dölberg U, Lipp G. Untersuchungen über die verteilung des menthols auf tabak, filter und rauch von mentholzigaretten. *Beitr Tabakforsch* 1972; 6:124-30.
- Bruijnzeel AW, Zislis G, Wilson C, Gold MS. Antagonism of CRF receptors prevents the deficit in brain reward function associated with precipitated nicotine withdrawal in rats. *Neuropsychopharmacology* 2007; 32:955-63.
- Buczek Y, Lê AD, Wang A, Stewart J, Shaham Y. Stress reinstates nicotine seeking but not sucrose solution seeking in rats. *Psychopharmacology (Berl)* 1999; 144:183-8.
- Bullen C, McRobbie H, Thornley S, Glover M, Lin R, Laugesen M. Effect of an electronic nicotine delivery device (e cigarette) on desire to smoke and withdrawal, user preferences and nicotine delivery: randomised cross-over trial. *Tob Control* 2010; 19:98-103.
- Burton HR. Thermal decomposition and gas phase analysis of carbohydrates found in tobacco. In: Shafizadeh F, Sarkanen KV, Tillman DA, editors. *Thermal uses and properties of carbohydrates and lignins*. New York: Academic Press; 1976; p.275-310.
- BZgA. Die Drogenaffinität Jugendlicher in der Bundesrepublik Deutschland. Studie der BZgA 2008; 1-14.
- Caggiula AR, Donny EC, White AR, Chaudhri N, Booth S, Gharib MA, et al. Cue dependency of nicotine self-administration and smoking. *Pharmacol Biochem Behav* 2001; 70:515-30.
- Caggiula AR, Donny EC, White AR, Chaudhri N, Booth S, Gharib MA, et al. Environmental stimuli promote the acquisition of nicotine self-administration in rats. *Psychopharmacology (Berl)* 2002; 163:230-7.
- Cahill K, Ussher M. Cannabinoid type 1 receptor antagonists (rimonabant) for smoking cessation. *Cochrane Database Syst Rev* 2007; 4:CD005353.

- Callicutt CH, Cox RH, Hsu F, Kinser RD, Laffoon SW, Lee PN, et al. The role of ammonia in the transfer of nicotine from tobacco to mainstream smoke. *Regul Toxicol Pharmacol* 2006; 46:1-17.
- Cao J, Belluzzi JD, Loughlin SE, Keyler DE, Pentel PR, Leslie FM. Acetaldehyde, a major constituent of tobacco smoke, enhances behavioral, endocrine, and neuronal responses to nicotine in adolescent and adult rats. *Neuropsychopharmacology* 2007; 32:2025-35.
- Caponnetto P, Polosa R. Common predictors of smoking cessation in clinical practice. *Respiratory Medicine* 2008; 102, 1182e1192.
- Carmines EL. Evaluation of the potential effects of ingredients added to cigarettes. Part 1: Cigarette design, testing approach, and review of results. *Food Chem Toxicol* 2002; 40:77-91.
- Carpenter CL, Connolly GN, Ayo-Yusuf OA, Ferris G. Developing smokeless tobacco products for smokers: an examination of tobacco industry documents; originally published online 2008; 23 October. *Tob. Control* 2009;18:54-59.
- Carpenter C, Wayne GF, Connolly GN. Designing cigarettes for women: new findings from the tobacco industry documents. *Addiction* 2005a; 100: 837-51.
- Carpenter CL, Jarvik ME, Morgenstern H, McCarthy WJ, London SJ. Mentholated cigarette smoking and lung-cancer risk. *Ann Epidemiol* 1999; 9:114-120.
- Carpenter CM, Wayne GF, Connolly GN. The role of sensory perception in the development and targeting of tobacco products. *Addiction* 2007; 102:136-47.
- Carpenter CM, Wayne GF, Pauly JL, Koh HK, Connolly GN. New cigarette brands with flavors that appeal to youth: Tobacco marketing strategies. *Health Aff (Millwood)* 2005b; 24:1601-10.
- Carr LA, Basham JK. Effects of tobacco smoke constituents on MPTP-induced toxicity and monoamine oxidase activity in the mouse brain. *Life Sci* 1991; 48:1173-7.
- Carter SM, Chapman S. "Smokers and Non-smokers Talk About Regulatory Options in Tobacco Control," *Tobacco Control* 2006; 15:398-204.
- Caskey NH, Jarvik ME, McCarthy WJ, Rosenblatt MR, Gross TM, Carpenter CL. Rapid smoking of menthol and nonmenthol cigarettes by black and white smokers. *Pharmacol Biochem Behav* 1993; 46:259-63.
- Castañé A, Soria G, Ledent C, Maldonado R, Valverde O. Attenuation of nicotine-induced rewarding effects in A2A knockout mice. *Neuropharmacology* 2006; 51:631-40.
- Castañé A, Valjent E, Ledent C, Parmentier M, Maldonado R, Valverde O. Lack of CB1 cannabinoid receptors modifies nicotine behavioural responses, but not nicotine abstinence. *Neuropharmacology* 2002; 43:857-67.
- CCS (Canadian Cancer Society). High number of teenagers experimenting with cigarillos. June 23, 2008. Available from: URL: [http://www.cancer.ca/Canada-wide/About%20us/Media%20centre/CW-Media%20releases/CW-2008/High%20number%20of%20teenagers%20experimenting%20with%20cigarillos.aspx?sc\\_lang=en#](http://www.cancer.ca/Canada-wide/About%20us/Media%20centre/CW-Media%20releases/CW-2008/High%20number%20of%20teenagers%20experimenting%20with%20cigarillos.aspx?sc_lang=en#)
- CCS (Canadian Cancer Society) (2009a), "Bill C-32, An Act to amend the Tobacco Act: Questions and Answers" 2009; September 11.

- CCS (Canadian Cancer Society) (2009b), "Compilation of Legislation Regarding Flavours/Ingredients in Tobacco Products" 2009; October.
- CCS (Canadian Cancer Society) (2009c), "Legislative Compilation – Tobacco Products and Ingredients Disclosure" 2009; October.
- CCS (Canadian Cancer Society) (2010a), "Compilation of Legislation Regarding Flavours/Ingredients in Tobacco Products" June 2010 Supplement to October 2009 Compilation. 2009; October.
- CCS (Canadian Cancer Society) (2010b), "Youth Smoking Survey, Overview of Results, 1994-2009" 2010; August 24.
- CCS (Canadian Cancer Society) (2010c), Presentation, Examples of Flavoured Cigarettes and Some Other Tobacco Products, and of Some Coloured Cigarettes, 2010; September.
- CDC. Ingestion of cigarettes and cigarette butts by children – Rhode Island, January 1994-July 1996 MMWR Morb Mortal Wkly Rep 1997; 46:125-8.
- Celebucki CC, Wayne GF, Connolly GN, Pankow JF, Chang EI. Characterization of measured menthol in 48 U.S. cigarette sub-brands. *Nicotine Tob Res* 2005; 7:523-31.
- Chaiton M, Collishaw N, Callard A. Smoker preference for "Elastic cigarettes" in the Canadian cigarette market. *Chronic Diseases Canada* 2005; 26:20-24.
- Changeux J-P. Nicotine receptors and nicotine addiction. *C.R. Biologies* 2009; 332: 421-425.
- Changeux J-P. nicotine addiction and nicotine receptors: lessons from genetically modified mice. *Nature Reviews Neuroscience* 2010; 11, 389-401.
- Chapman S, MacKenzie R (2010). The Global Research Neglect of Unassisted Smoking Cessation: Causes and Consequences. *PLoS Medicine*, 2010; 2 February, Volume 7, Issue 2, e1000216 [www.plosmedicine.org](http://www.plosmedicine.org)
- Charles JL, DeNoble VJ, Mele PC. Behavioral pharmacology annual report. Tobacco Industry Documents: Philip Morris; Bates Number: 2056144550-4633, 1983 (accessed 6 July 2010) <http://tobaccodocuments.org/pm/2056144550-4633.html>
- Charlton A, Blair V, Predicting the onset of smoking in boys and girls. *Soc. Sci Med.* 1989; Vol. 29. No. 7, pp. 813-819.
- Chassin L, Presson CC, Sherman SJ, Corty E, Olshavsky RW. Predicting the onset of cigarette smoking in adolescents. A longitudinal study. *Journal of Applied Social Psychology*, 1984; pp. 224 – 243.
- Chaudhri N, Caggiula AR, Donny EC, Booth S, Gharib M, Craven L, Palmatier MI, Liu X, Sved AF. Self-administered and noncontingent nicotine enhance reinforced operant responding in rats: impact of nicotine dose and reinforcement schedule. *Psychopharmacology (Berl)*. 2007; February 190(3): 353–362.
- Cheer JF, Wassum KM, Sombers LA, Heien ML, Ariansen JL, Aragona BJ, et al. Phasic dopamine release evoked by abused substances requires cannabinoid receptor activation. *J Neurosci* 2007; 2:791-5.



- Chen A, Glantz S, Tong E. Asian herbal-tobacco cigarettes: "Not medicine but less harmful?" *Tob Control* 2007a; 16:e3.
- Chen L, Wang M, Villalta PW, Luo X, Feuer R, Jensen J, et al. Quantitation of an acetaldehyde adduct in human leukocyte DNA and the effect of smoking cessation. *Chem Res Toxicol* 2007b; 20:108-13.
- Chen C, Pankow J. Gas/Particle Partitioning of Two Acid-Base Active Compounds in Mainstream Tobacco Smoke: Nicotine and Ammonia. *J Agric Food Chem* 2009; 57: 2678-2690.
- Chiamulera C, Borgo C, Falchetto S, Valerio E, Tessari M. Nicotine reinstatement of nicotine self-administration after long-term extinction. *Psychopharmacology (Berl)* 1996; 127:102-7.
- Christophi CA, Charis E, Savvides G, Warren CW, Demokritou P, Connolly GN, Chyke A. Main determinants of cigarette smoking in youth based on the 2006 Cyprus Gyts. *Preventive Medicine* 48 (2009) 232-236. journal homepage: [www.elsevier.com/locate/ypmed](http://www.elsevier.com/locate/ypmed)
- Chyke A, Doubeni, George Reed and Joseph R. DiFranza, Early Course of Nicotine Dependence in Adolescent Smokers. *American Academy of Pediatrics. Pediatrics* 2010, May 3. DOI: 10.1542/peds.2009-0238. Available from: URL: <http://www.pediatrics.org>
- Clapham DE, Julius D, Montell C, Schultz G. International Union of Pharmacology. XLIX. Nomenclature and structure-function relationships of transient receptor potential channels. *Pharmacol Rev* 2005; 57: 427-50.
- Clark PI, Gautam S, Gerson LW. Effect of menthol cigarettes on biochemical markers of smoke exposure among black and white smokers. *Chest* 1996; 110:1194-8.
- Coombs RB, Li S, Kozlowski LT. Age interacts with heaviness of smoking in predicting success in cessation of smoking. *Am J Epidemiol* 1992; 135:240-6
- Cohen C, Perrault G, Griebel G, Soubrié P. Nicotine-associated cues maintain nicotine-seeking behavior in rats several weeks after nicotine withdrawal: reversal by the cannabinoid (CB1) receptor antagonist, rimonabant (SR141716). *Neuropsychopharmacology* 2005; 30:145-55.
- Cohen C, Perrault G, Voltz C, Steinberg R, Soubrié P. SR141716, a central cannabinoid (CB(1)) receptor antagonist, blocks the motivational and dopamine-releasing effects of nicotine in rats. *Behav Pharmacol* 2002; 13:451-63.
- Collins AC, Romm E, Wehner JM. Nicotine tolerance: an analysis of the time course of its development and loss in the rat. *Psychopharmacology (Berl)* 1988; 96:7-14.
- Collins CC, Moolchan ET. Shorter time to first cigarette of the day in menthol adolescent cigarette smokers. *Addict Behav* 2006; 31:1460-4.
- Connolly GN, Wayne GD, Lymperis D, Doherty MC. How cigarette additives are used to mask environmental tobacco smoke. *Tob Control* 2000; 9:283-291.
- Connolly GN, Richter P, Aleguas A Jr, Pechacek TF, Stanfill SB, Alpert HR. Unintentional child poisonings through ingestion of conventional and novel tobacco products. *Paediatrics* 2010; 125:896-9.
- Connolly GN. Sweet and spicy flavours: new brands for minorities and youth. *Tob Control* 2004; 13:211-2.

- Cook B, Wayne G, Keithly L, Connolly G. One size does not fit all: how the tobacco industry has altered cigarette design to target consumer groups with specific psychological and psychosocial needs. *Addiction* 2003; 98:1547-61.
- Corrigall WA, Coen KM. Nicotine maintains robust self-administration in rats on a limited-access schedule. *Psychopharmacology (Berl)* 1989; 99:473-8.
- Counts ME, Hsu FS, Laffoon SW, Dwyer RW, Cox RH. Mainstream smoke constituent yields and predicting relationships from a worldwide market sample of cigarette brands: ISO smoking conditions. *Regulatory Toxicology and Pharmacology* 2004; 39 : 111-134.
- Counts ME, Hsu FS, Tewes FJ. Development of a commercial cigarette "market map" comparison methodology for evaluating new or non-conventional cigarettes. *Regulatory Toxicology and Pharmacology* 2006; 46: 225-242.
- Covington & Burling. Sugars. Tobacco Industry Documents: American Tobacco; Bates Number:950492505-2529, 1986. (accessed 5 July 2010). Available from:URL:<http://legacy.library.ucsf.edu/action/document/page?tid=dlm51a00>
- Covington & Burling. Summary of data on licorice. Tobacco Industry Documents: Lorillard; Bates Number: 87618425-8455, 1987b. Available from: URL:<http://tobaccodocuments.org/lor/87618425-8455.html>
- Covington & Burling. Summary of data on maple syrup and concentrate. Tobacco Industry Documents: Brown & Williamson; Bates Number: 503254334-4338, 1992. (accessed 5 July 2010). Available from:URL:<http://tobaccodocuments.org/bw/1259662.html>
- Covington & Burling. Summary of data on sugars. Tobacco Industry Documents: Philip Morris; Bates Number: 2023011014-1029, 1987a. Available from: URL:<http://tobaccodocuments.org/pm/2023011004-1029.html>
- Cox CA, Lipowitz PJ, Nguyen TT. 2704 Aerosol physics, effect of cigarette construction and the other variables on the particle size of mainstream smoke aerosol. Tobacco Industry Documents: Philip Moris; Bates Number: 2060528001-80191992. (accessed 8 October 2009). Available from: URL: <http://tobaccodocuments.org/pm/2060528001-8019.html>
- CQC (Coalition québécoise pour le contrôle du tabac [Quebec Coalition for Tobacco Control]) (Rathjen, Heidi), letter to Denis Choinière, Health Canada, « Objet : Plainte concernant les cigarillos » 2006; October 18. [http://www.cqct.qc.ca/Documents\\_docs/DOCU\\_2006/MEMO\\_06\\_10\\_18\\_PlaintesCigarillosSC.pdf](http://www.cqct.qc.ca/Documents_docs/DOCU_2006/MEMO_06_10_18_PlaintesCigarillosSC.pdf)
- CQCT (Coalition québécoise pour le contrôle du tabac [Quebec Coalition for Tobacco Control]). Soumission au Comité permanent des affaires sociales, de sciences et de la technologie, Sénat du Canada, Projet de loi C-32, Loi restreignant la commercialisation du tabac chez les jeunes, 2009; September 30. [http://www.cqct.qc.ca/Documents\\_docs/DOCU\\_2009/MEMO\\_09\\_09\\_30\\_C32\\_Senat.pdf](http://www.cqct.qc.ca/Documents_docs/DOCU_2009/MEMO_09_09_30_C32_Senat.pdf)
- Crawford GE, "Flavored tobacco products with marijuana names," *Tobacco Control* 2007; 16:70.
- Cravotta T, Comment on WHO, Techn Report Series 945. 2010; TobaccoTechnologyIncUSA. URL: [www.tobaccotech.com](http://www.tobaccotech.com)

- CTFK(Campaign for Tobacco-Free Kids), "Bidis" June 12, 2001. <http://www.tobaccofreekids.org/research/factsheets/pdf/0037.pdf>
- CTFK (Campaign for Tobacco-Free Kids), Cuddle Up With Cancer: RJR's Candy-Flavored "Winter Blend" Cigarettes Show Big Tobacco Hasn't Changed" 2004; November 6. <http://tobaccofreekids.org/Script/DisplayPressRelease.php3?Display=798>
- CTFK (Campaign for Tobacco-Free Kids). Tobacco Company Marketing to African Americans. 2009a; August 2. <http://www.tobaccofreekids.org/research/factsheets/pdf/0208.pdf>
- CTFK (Campaign for Tobacco-Free Kids). Kreteks in Indonesia. 2009b; August. URL: [http://www.tobaccofreecenter.org/files/pdfs/en/IW\\_facts\\_products\\_Kreteks.pdf](http://www.tobaccofreecenter.org/files/pdfs/en/IW_facts_products_Kreteks.pdf)
- CTFK (Campaign for Tobacco-Free Kids), American Heart Association, American Cancer Society Cancer Action Network, American Lung Association, Big Tobacco's Guinea Pigs: How an Unregulated Industry Experiments on America's Kids and Consumers. 2008, February 20. <http://www.tobaccofreekids.org/reports/products/downloads/2008NewProductsReport.pdf>
- Cummings KM, Morley CP, Horan JK, Steger C, Leawell NR. Marketing to America's youth: evidence from corporate document. *Tob Control* 2002; 11:15-17.
- Cunningham, R. "Flavoured Cigarillos, Tobacco Products and Accessories: Action Needed" Presentation for Canadian Council for Tobacco Control, 2008, May 22.
- Cunningham, R. "Canada: ban on flavours" *Tobacco Control*, 2010;19(1):4-5. <http://tobaccocontrol.bmj.com/content/19/1/3.full?sid=8a7adc9b-1bda-4c36-bed8-308add53127f>
- Curry. A UNICEF-IRC / OECD compendium of basic information on child or family-focused cross-national surveys. HBSC – Health Behavior in School-aged Children, 2004. [www.unicef-irc.org](http://www.unicef-irc.org)
- Dachille K (2009) "Pick your poison: Responses to the marketing and sale of flavoured tobacco products". Tobacco Control Legal Consortium, 2009. [http://digitalcommons.law.umaryland.edu/cgi/viewcontent.cgi?article=1857&context=fac\\_pubs](http://digitalcommons.law.umaryland.edu/cgi/viewcontent.cgi?article=1857&context=fac_pubs)
- Daher N, Saleh R, Jaroudi E, Sheheitli H, Badr T, Sepetdjian E, et al. Comparison of carcinogen, carbon monoxide, and ultrafine particle emissions from narghile waterpipe and cigarette smoking: Sidestream smoke measurements and assessment of second-hand smoke emission factors. *Atmos Environ* 2010; 44:8-14.
- Damaj MI, Martin BR. Tolerance to the antinociceptive effect of epibatidine after acute and chronic administration in mice. *Eur J Pharmacol* 1996; 300:51-7.
- Dani JA, Heinemann S. Molecular and cellular aspects of nicotine abuse. *Neuron* 1996; 16:905-8.
- Danish Cancer Society. "Tobacco Additives – A Study of the Available Literature" [English summary of full report] 2008.
- Danker WH. Propylene glycol for mildness. *Tobacco Industry Documents: Philip Morris*; BN: 1000328047-8047, 1958. (accessed 5 July 2010) Available from: URL: <http://tobaccodocuments.org/pm/1000328047.html>

- Dar R, Frenk H. Nicotine self-administration in animals: a re-evaluation. *Addiction research and Theory*. 2002; Vol. 10, No. 6, pp. 545-579.
- Dar R, Rosen-Korakin N, Shapira O, Gottlieb Y, Frenk H. The Craving to Smoke in Flight Attendants: Relations With Smoking Deprivation, Anticipation of Smoking, and Actual Smoking. *Journal of Abnormal Psychology*. 2010; Vol 119. No. 1, 248-253.
- Dar R, Stronguin F, Marouani R, Krupsky M, Frenk H. Craving to smoke in orthodox Jewish smokers who abstain on the Sabbath: a comparison to a baseline and a forced abstinence workday. *Psychopharmacology* 2005; 183: 294-299.
- Davis DL, Mark Nielsen MT, editors. *Tobacco: production, chemistry and technology*. World Agriculture Series. Blackwell publishing; 2006; p1-460.
- Dempsey D, Tutka P, Jacob P 3rd, Allen F, Schoedel K, Tyndale RF, et al. Nicotine metabolic ratio as an index of cytochrome P450 2A6 metabolic activity. *Clin Pharmacol Ther* 2004; 76:64-72.
- DeNoble VJ, Harris CM, Horn J, Mele PC. Reinforcing activity of acetaldehyde (abstract). *Tobacco Industry Documents: Philip Morris*; Bates Number: 1997; 2071670753-0755. (accessed 21 October 2009). Available from: URL:<http://legacy.library.ucsf.edu/tid/can26c00>
- DeNoble VJ. Written statement of Victor John DeNoble, PhD. Congressional testimony. *Tobacco Industry Documents: American Tobacco*; Bates Number: 1994; 980232257-2262. (accessed 5 July 2010). Available from: URL:<http://legacy.library.ucsf.edu/action/document/page?tid=ysn84f00>
- Deroche-Gamonet V, Belin D, Piazza PV. Evidence for addiction-like behaviour in the rat. *Science* 2004; 305:1014-7.
- De Vries TJ, De Vries W, Janssen MC, Schoffelmeer AN. Suppression of conditioned nicotine and sucrose seeking by the cannabinoid-1 receptor antagonist SR141716A. *Behav Brain Res* 2005a; 161:164-8.
- De Vries TJ, Schoffelmeer AN. Cannabinoid CB1 receptors control conditioned drug seeking. *Trends Pharmacol Sci* 2005b; 26:420-6.
- Dhatt RK, Gudehithlu KP, Wemlinger TA, Tejwani GA, Neff NH, Hadjiconstantinou M. Preproenkephalin mRNA and methionine-enkephalin content are increased in mouse striatum after treatment with nicotine. *J Neurochem* 1995; 64:1878-83.
- Di Chiara G, Imperato A. Drugs abused by humans preferentially increase synaptic dopamine concentrations in the mesolimbic system of freely moving rats. *Proc Natl Acad Sci USA* 1988; 85:5274-8.
- Di Chiara G. Role of dopamine in the behavioural actions of nicotine related to addiction. *Eur J Pharmacol* 2000; 393:295-314.
- Di Matteo V, Di Giovanni G, Di Mascio M, Esposito E. SB 242084, a selective serotonin2C receptor antagonist, increases dopaminergic transmission in the mesolimbic system. *Neuropharmacology* 1999; 38:1195-205.
- Di YM, Deh-Wei Chow V, Yang L-P, Zhou S-F. Structure, function regulation and polymorphism of human cytochrome P450 2A6. *Current Drug Metabolism*, 2009; 10, 754-780

- DiFranza JR, Rigotti NA, McNeill AD, Ockene JK, Savageau JA, St Cyr D, Coleman M. Initial symptoms of nicotine dependence in adolescents. *Tobacco Control* 2000; 9:313-319
- Dixon M, Lambing K, Seeman JI. On the Transfer of Nicotine from Tobacco to the Smoker. A Brief Review of Ammonia and "pH" Factors. *Beitrage zur Tabakforschung International • Contributions to Tobacco Research Volume 19, No. 2, July 2000*; p. 103-113
- Djordjevic MV, Doran KA. Nicotine content and delivery across tobacco products. *Handb Exp Pharmacol* 2009; 192: 61-82.
- DKFZ, First German Tobacco Atlas- A new handbook. German Cancer Research Center. 2009.
- Donny EC, Caggiula AR, Mielke MM, Booth S, Gharib MA, Hoffman A, et al. Nicotine self-administration in rats on a progressive ratio schedule of reinforcement. *Psychopharmacology (Berl)* 1999; 147:135-42.
- Donny EC, Caggiula AR, Rose C, Jacobs KS, Mielke MM, Sved AF (2000). Differential effects of response-contingent and response-independent nicotine in rats. *European Journal of Pharmacology* 2000; 402: 231-240
- Donny EC, Chaudry N, Caggiula AR, Evans-Martin FF, Booth S, Gharib MA, Clements LA, Sved AF. Operant responding for a visual reinforcer in rats is enhanced by noncontingent nicotine: implications for nicotine self-administration and reinforcement. *Psychopharmacology* 2003; 169:68-76.
- Donny EC, Dierker LC. The absence of DSM-IV nicotine dependence in moderate-to-heavy daily smokers. *Drug and Alcohol Dependence* 2007; 89: 93-96
- Doubeni, George Reed and Joseph R. DiFranza, Early Course of Nicotine Dependence in Adolescent Smokers. *American Academy of Pediatrics. Pediatrics* 2010, May 3. DOI: 10.1542/peds.2009-0238. Available from: URL: <http://www.pediatrics.org>
- Dravolina OA, Zakharova ES, Shekunova EV, Zvartau EE, Danysz W, Bespalov AY. mGlu1 receptor blockade attenuates cue- and nicotine-induced reinstatement of extinguished nicotine self-administration behavior in rats. *Neuropharmacology* 2007; 52:263-9.
- Dugas E, Tremblay M, Low NC, Cournoyer D, O'Loughlin J. Water-pipe smoking among North American youths. *Pediatrics* 2010; June; 125(6):1184-9.
- Dunsby J, Bero L. A nicotine delivery device without the nicotine? Tobacco industry development of low nicotine cigarettes. *Tob Control* 2004; 13:362-9.
- Dwoskin LP, Teng LH, Crooks PA. Nornicotine, a nicotine metabolite and tobacco alkaloid: desensitization of nicotinic receptor-stimulated dopamine release from rat striatum. *Eur J Pharmacol* 2001; 428:69-79.
- Eccles R. Menthol and related cooling compounds. *J Pharm Pharmacol* 1994; 46: 618-30.
- Eek F, Ostergren PO, Diderichsen F, Rasmussen NK, Andersen I, Moussa K, et al. Differences in socioeconomic and gender inequalities in tobacco smoking in Sweden and Denmark; a cross sectional comparison of the equity effect of different public health policies. *BMC Public Health* 2010; 10:9.
- Eid NC, Fant RV, Moolchan ET, Pickworth WB. Placebo cigarettes in a spaced smoking paradigm. *Pharmacol Biochem Behav* 2005; 81:158-64.

- Eissenberg T, Shihadeh A. Waterpipe tobacco and cigarette smoking: direct comparison of toxicant exposure. *Am J Prev Med* 2009; 37:518-23.
- Ellis C, Cox RH, Callicutt CH, Laffoon SW, Podraza KF, Seeman JI, Kinser RD, Farthing DE, Hsu FS. The effect of ingredients, added to tobacco in a commercial Marlboro lights cigarette, on FTC nicotine yield, "smoke pH", and Cambridge filter trapping efficiency. CORESTA presentation 1999; Philip Morris USA.
- Engberg G, Erhardt S, Sharp T, Hajos M. Nicotine inhibits firing activity of dorsal raphe 5-HT neurones in vivo. *Naunyn Schmiedebergs Arch Pharmacol* 2000; 362:41-5.
- Etter JF, Duc TV, Perneger TV. Validity of the Fagerström test for nicotine dependence and of the Heaviness of smoking Index among relatively light smokers. *Addiction*, 1999; Feb; 94(2):269-81
- Etter JF. Comparing the validity of the Cigarette dependence Scale and the Fagerström Test for Nicotine Dependence. *Drug Alcohol Depend*. 2008; May 1;95(1-2)152-159
- Euromonitor International : Country Sector Briefing. Cigarettes - United Kingdom. January 2009.
- European Commission, EU Green Paper. Towards a Europe free from tobacco smoke: policy options at EU level. COM(2007) Directorate C - Public Health and Risk Assessment. C6 - Health measures. 2007; January. (accessed 22 June 2010). Available from: URL:[http://ec.europa.eu/health/ph\\_determinants/life\\_style/Tobacco/Documents/gp\\_smoke\\_en.pdf](http://ec.europa.eu/health/ph_determinants/life_style/Tobacco/Documents/gp_smoke_en.pdf)
- European Commission. Flash Eurobarometer - Survey on Tobacco - Analytical report. Fieldwork: December 2008. Published 2009.
- European Commission. Attitudes of Europeans towards tobacco. Special Eurobarometer 239/Waves 2006; 64.1-64.3. (accessed 5 July 2010). Available from: URL:[http://ec.europa.eu/public\\_opinion/archives/ebs/ebs\\_239\\_en.pdf](http://ec.europa.eu/public_opinion/archives/ebs/ebs_239_en.pdf)
- European Commission. Attitudes of Europeans towards tobacco. Special Eurobarometer 272c/Waves 66.2; 2007a. (accessed 5 July 2010). Available from: URL:[http://ec.europa.eu/public\\_opinion/archives/ebs/ebs\\_272c\\_en.pdf](http://ec.europa.eu/public_opinion/archives/ebs/ebs_272c_en.pdf)
- European Commission. Tobacco. Special Eurobarometer 332/Wave 72.3; 2010. (accessed 5 July 2010). Available from: URL:[http://ec.europa.eu/public\\_opinion/archives/ebs/ebs\\_332\\_en.pdf](http://ec.europa.eu/public_opinion/archives/ebs/ebs_332_en.pdf)
- European Commission. Report from the Commission to the European Parliament, the Council and the European Economic and Social Committee. Second Report on the Application of the Tobacco Products Directive; 2007b. (accessed 23 June 2010). Available from: URL:[http://ec.europa.eu/health/ph\\_determinants/life\\_style/Tobacco/Documents/tobacco\\_products\\_en.pdf](http://ec.europa.eu/health/ph_determinants/life_style/Tobacco/Documents/tobacco_products_en.pdf)
- Evans RI, Dratt LM, Raines BE, Rosenberg SS. Social influences on smoking initiation: importance of distinguishing descriptive versus mediating process variables. *Journal of Applied Social Psychology*, 1988; 18 (11) pp. 925-943.
- Fant RV, Henningfield JE, Nelson RA, Pickworth WB. Pharmacokinetics and pharmacodynamics of moist snuff in humans. *Tob Control* 1999; 8: 387-92.

- Farren CK, Clare AW, Tipton KF, Dinan TG. Platelet MAO activity in subtypes of alcoholics and controls in a homogenous population. *Journal of Psychiatric Research* 1998; 32:49-54
- Fattinger K, Verotta D, Bernowitz NL. Pharmacodynamics of acute tolerance to multiple nicotinic effects in humans. *J Pharmacol Exp Ther* 1997; 281: 1238-46.
- Fattore L, Spano MS, Cossu G, Scherma M, Fratta W, Fadda P. Baclofen prevents drug-induced reinstatement of extinguished nicotine-seeking behaviour and nicotine place preference in rodents. *Eur Neuropsychopharmacol* 2009; 19: 487-98.
- FDA (U.S. Food and Drug Administration) (2009a), "FDA Parental Advisory on Flavored Tobacco Products: What You Need to Know" last updated 2009; September 22. <http://www.fda.gov/TobaccoProducts/ProtectingKidsfromTobacco/FlavoredTobacco/ucm183196.htm>
- FDA (U.S. Food and Drug Administration) (2009b), "Candy and Fruit Flavored Cigarettes Now Illegal in United States; Step is First Under New Tobacco Law" 2009; September 22. <http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/2009/ucm183211.htm>
- FDA (U.S. Food and Drug Administration). (2009c), Guidance to Industry and FDA Staff: General Questions and Answers on the Ban of Cigarettes that Contain Certain Characterizing Flavors (Edition 2). 2009; December 23. <http://www.fda.gov/TobaccoProducts/ProtectingKidsfromTobacco/FlavoredTobacco/ucm183228.htm>
- FDA (U.S. Food and Drug Administration). Flavored Tobacco Product Fact Sheet" updated 2010; April 19 (accessed Sept. 4, 2010). Available from: URL: <http://www.fda.gov/TobaccoProducts/ProtectingKidsfromTobacco/FlavoredTobacco/ucm183198.htm>
- FDA. Regulations restricting the sale and distribution of cigarettes and smokeless tobacco products to protect children and adolescents; proposed rule analysis regarding FDA's jurisdiction over nicotine-containing cigarettes and smokeless tobacco products; notice. *Federal Register* 1995; 60: 41314-41792.
- FDA. Regulations restricting the sale and distribution of cigarettes and smokeless tobacco to protect children and adolescents; final rule. *Federal Register* 1996; 61: 44396-45318.
- Ferris R. The influence of brand identification and imagery on subjective evaluation of cigarettes. *Tobacco Industry Documents: British American Tobacco*; Bates Number: 102375094, 1980. (accessed 21 June 2010). Available from: URL: <http://legacy.library.ucsf.edu/tid/dmd17a99>
- Flay BR, Hu FB, Richardson J (1998) Psychosocial predictors off different stages of cigarette smoking among high school students. *Preventive Medicine* 1998; 27, A9-A18.
- Forget B, Hamon M, Thiébot MH. Cannabinoid CB1 receptors are involved in motivational effects of nicotine in rats. *Psychopharmacology (Berl)* 2005; 181:722-34.
- Fowler JS, Logan J, Wang G-J, Vokow ND. Monoamine oxidase and cigarette smoking. *NeuroToxicology* 2003; 24: 75-82.

- Fowler JS, Volkow ND, Wang GJ, Pappas N, Logan J, MacGregor R, et al. Inhibition of monoamine oxidase B in the brains of smokers. *Nature* 1996; 379:733-6.
- Fowles J, Bates M, D. The Chemical Constituents in Cigarettes and Cigarette Smoke: Priorities for Harm Reduction, A Report to the New Zealand Ministry of Health. ESR-NZMH. 2000.
- Fowles J, Noiton D, Richardson R. Chemical Factors Influencing the Addictiveness and Attractiveness of Cigarettes in New Zealand, A Report to the New Zealand Ministry of Health, ESR-NZMH. 2001.
- Fox JW. Tobacco ingredient pyrolysis and transfer contributions to cigarette mainstream smoke. Tobacco Industry Documents: Philip Morris; Bates Number: 2023011102-1137, 1993; (accessed 5 July 2010). Available from: URL:<http://tobaccodocuments.org/pm/2023011102-1137.html>
- Frenk H, Dar R. A critique of nicotine addiction. Book extract. Neurobiological Foundation of Aberrant Behavior. Kluwer. 2000; p. 1-187.
- Frenk H, Dar R. Reward potentiation or behavioural activation? A comment on Donny et al. *Psychopharmacology*. 2004; 171: 472-473.
- Fromme H, Dietrich S, Heitmann D, Dressel H, Diemer J, Schulz T, et al. Indoor air contamination during a waterpipe (narghile) smoking session. *Food Chem Toxicol*. 2009; 47:1636-41.
- Frost C, Fullerton FM, Stephen AM, Stone R, Nicolaidis-Bouman A, Densem J, et al. The tar reduction study: randomised trial of the effect of cigarette tar yield reduction on compensatory smoking. *Thorax* 1995; 50:1038-43.
- Fu Y, Matta SG, Gao W, Brower VG, Sharp BM. Systemic nicotine stimulates dopamine release in nucleus accumbens: re-evaluation of the role of N-methyl-D-aspartate receptors in the ventral tegmental area. *J Pharmacol Exp Ther* 2000; 294:458-65.
- Fulton HG, Barrett SP. Letter to the Editor. A Demonstration of Intravenous Nicotine Self-Administration. in Humans? *Neuropsychopharmacology* 2008; 33: 2042-2043.
- Gäddnäs H, Pietilä K, Ahtee L. Effects of chronic oral nicotine treatment and its withdrawal on locomotor activity and brain monoamines in mice. *Behav Brain Res*. 2000; 113:65-72.
- Galeote L, Berrendero F, Bura SA, Zimmer A, Maldonado R. Prodynorphin gene disruption increases the sensitivity to nicotine self-administration in mice. *Int J Neuropsychopharmacol*. 2009; 12:615-25.
- Galeote L, Kieffer BL, Maldonado R, Berrendero F. Mu-opioid receptors are involved in the tolerance to nicotine antinociception. *J Neurochem*. 2006; 97:416-23.
- Galeotti N, Ghelardini C, Mannelli L, Mazzanti G, Baghiroli L, Bartolini A. Local anaesthetic activity of (+)- and (-)-menthol. *Planta Med*. 2001; 67:174-6.
- Gan Q, Yang J, Yang G, Goniewicz M, Benowitz NL, Glantz SA. Chinese "herbal" cigarettes are as carcinogenic and addictive as regular cigarettes. *Cancer Epidemiol Biomarkers Prev*. 2009; 18:3497-501.
- García-Estrada H, Fischman CM. An unusual case of nicotine poisoning. *Clin Toxicol*. 1977; 10:391-3.



- Garten S, Falkner RV. Continual smoking of mentholated cigarettes may mask the early warning symptoms of respiratory disease. *Prev Med.* 2003; 37:291-6.
- Garten S, Falkner RV. Role of mentholated cigarettes in increased nicotine dependence and greater risk of tobacco-attributable disease. *Prev Med.* 2004; 38:793-8.
- Gehlbach SH, Williams WA, Perry LD, Woodall JS. Green-tobacco sickness: An illness of tobacco harvesters. *JAMA.* 1974; 229:1880-3.
- Gilbert DG, Zuo Y, Browning RA, Shaw TM, Rabinovich NE, Gilbert-Johnson AM, Plath L. Platelet monoamine oxidase B activity changes across 31 days of smoking abstinence. *Nicotine & Tobacco Research Vol.* 2003; December, 5, N 6: 813-819.
- Gilljam H, Galanti R. Role of snus (oral moist snuff) in smoking cessation and smoking reduction in Sweden. *Addiction,* 2003; 98: 1183-1189.
- Giovino GA, Sidney S, Gfroerer JC, O'Malley PM, Allen JA, Richter PA, et al. Epidemiology of menthol cigarette use. *Nicotine Tob Res.* 2004; 6:S67-81.
- Giovino GA, Yang J, Tworek, Cummings KM, O'Connor J, Donohue K, et al. Use of flavored cigarettes among older adolescent and adult smokers: US 2004. Presentation at the National Conference on Tobacco or Health. Chicago, Illinois; 2005; May 6.
- Goddard E. Why children start smoking. Office of Population Censuses and Surveys. Social Survey Division. Crown Copyright. UK. 1990.
- Gotti C, Guiducci S, Tedesco V, Corbioli S, Zanetti L, Moretti M, Zanardi A, Rimondini R, Muguaini M, Clementi F, Chiamulera C, Zoli M. Nicotine acetylcholine receptors in the mesolimbic pathway: primary role of ventral tegmental area  $\alpha 6\beta 2$  receptors in mediating systemic nicotine effects on dopamine release, locomotion and reinforcement. *The Journal of Neuroscience,* 2010; April 14. 30(15):5311-5325.
- Gotti C, Zoli M, Clementi F. Brain nicotinic acetylcholine receptors: native subtypes and their relevance. *Trends Pharmacol Sci.* 2006; 27:482-91.
- Gourlay SG, Benowitz NL. Arteriovenous differences in plasma concentration of nicotine and catecholamines and related cardiovascular effects after smoking, nicotine nasal spray and intravenous nicotine. *Clin Pharmacol Ther.* 1997; 62:453-63.
- Gowadia N, Oldham MJ, Dunn-Rankin D. Particle size distribution of nicotine in mainstream smoke from 2R4F, Marlboro Medium, and Quest1 cigarettes under different puffing regimens. *Inhal Toxicol.* 2009; 21:435-46.
- Grabus SD, Martin BR, Brown SE, Damaj MI. Nicotine place preference in the mouse: influences of prior handling, dose and strain and attenuation by nicotinic receptor antagonists. *Psychopharmacology (Berl)* 2006; 184:456-63.
- Grant BF, Hasin DS, Chou P, Stinson FS, Dawson DA. Nicotine dependence and psychiatric disorders in the United States. *Arch Gen Psychiatry.* 2004; 61:1107-1115
- Grimsby J, Chen K, Wang LJ, Lan NC, Shih JC. Human monoamine oxidase A and B genes exhibit identical exon-intron organization. *Proc Natl Acad Sci USA* 1991; 88:3637-41.

- Grottick AJ, Corrigan WA, Higgins GA. Activation of 5-HT(2C) receptors reduces the locomotor and rewarding effects of nicotine. *Psychopharmacology (Berl)* 2001; 157:292-8.
- Grottick AJ, Trube G, Corrigan WA, Huwyler J, Malherbe P, Wyler, R, et al. Evidence that nicotinic alpha(7) receptors are not involved in the hyperlocomotor and rewarding effects of nicotine. *J Pharmacol Exp Ther* 2000; 294:1112-9.
- Grusz-Harday E. Fatal nicotine poisoning. *Arch Toxicol.* 1967; 23:35-41.
- Grybko M, Sharma G, Vijayaraghavn D. Functional distribution of nicotinic receptors in CA3 region of the hippocampus. *J Mol Neurosci.* 2010; 40:114-20.
- Guillem K, Vouillac C, Azar MR, Parsons LH, Koob GF, Cador M, et al. Monoamine oxidase inhibition dramatically increases the motivation to self-administer nicotine in rats. *J Neurosci.* 2005; 25:8593-600.
- Guillem K, Vouillac C, Azar MR, Parsons LH, Koob GF, Cador M. et al. Monoamine oxidase A rather than monoamine oxidase B inhibition increases nicotine reinforcement in rats. *Eur J Neurosci.* 2006; 24:3532-40.
- Gullotta FP. Summary of research conducted at Philip Morris. Tobacco Industry Documents: Philip Morris; Bates Number: 2056128216-8223, 1994. (accessed 7 December 2009). Available from: URL: <http://legacy.library.ucsf.edu/tid/xsw83c00>
- Gunter B. Review of Social Science Research Aspects of Addictiveness and Attractiveness of Tobacco Additives. Pre-consultation opinion for public consultation Scientific Committee on Emerging and Newly Identified Health Risks. 2010.
- Gustafsson H, Runesson J, Lundqvist J, Lindegren H, Axelsson V, Forsby A. Neurofunctional endpoints assessed in human neuroblastoma SH-SY5Y cells for estimation of acute systemic toxicity. *Toxicology and Applied Pharmacology.* 2010; 245:191-202.
- GYTS Collaborative Group. Tobacco use among youth: a cross country comparison. *Tob Control* 2002; 11:252-70.
- Hadidi KA, Mohammed FI. Nicotine content in tobacco used in hubble-bubble smoking. *Saudi Med J* 2004; 25:912-7.
- Hahn. Abschlussbericht zum Forschungsauftrag 05HS039 Toxikologische Bewertung durch chemische Analyse von Zusatzstoffen und deren Pyrolyseprodukte für Tabakprodukte. Bundesministerium für Ernährung, Landwirtschaft und Verbraucherschutz. (Laufzeit: 15. November 2007 bis 18. Juli 2008). 2010.
- Hammond D. Standardized packaging: The impact of removing colour and brand imagery from cigarette packages. Evidence review. UK Dep H\_ UnivWaterlooCA. 2009.
- Hammond D, Collishaw N, Callard C. Tobacco industry research on smoking behaviour and product design. *Lancet* 2006; 367:781-7.
- Hammond D, Dockrell M, Arnott D, Lee A, McNeill A. Cigarette pack design and perceptions of risk among UK adults and youth. *Eur J Public Health.* 2009a; 19:631-7.
- Hammond D, Chaiton M, Lee A, Collishaw N. Destroyed documents: uncovering the science that Imperial Tobacco Canada sought to conceal. *Canadian Medical Association. CMAJ* 181(10) 2009; November 10.

- Hammond D, O'Connor RJ. Constituents in tobacco and smoke emissions from Canadian cigarettes. *Tobacco Control* 2008;17(Suppl 1):24-31
- Hammond D, Parkinson C. The impact of cigarette package design on perceptions of risk. *J Public Health (Oxf)* 2009b; 31:345-53.
- Harrington GM. Strain differences in light-contingent barpress behaviour of the rat. *Bulletin of the Psychonomic Society* 1979, Vol. 13 (3), 155-156.
- Harris AC, Burroughs D, Pentel PR, LeSage MG. [Compensatory nicotine self-administration in rats during reduced access to nicotine: an animal model of smoking reduction.](#) *Exp Clin Psychopharmacol* 2008; 16:86-97.
- Harris AC, Pentel PR, LeSage MG. [Correlates of individual differences in compensatory nicotine self-administration in rats following a decrease in nicotine unit dose.](#) *Psychopharmacology (Berl)* 2009; 205:599-611.
- Harris E, Kay HF. Size distribution of tobacco smoke particles. *Nature* 1959; 183:741-2.
- Hasani A, Pavia D, Toms N, Dilworth P, Agnew JE. Effect of aromatics on lung mucociliary clearance in patients with chronic airways obstruction. *J. Altern Complement Med.* 2003; 9:243-9.
- Hatsukami D, Perkins K, LeSage M, et al. Nicotine reduction revisited: science and future directions. *Tob Control* 2010; 19: e1-e10. doi: 10.1136/tc.2009.035584. Downloaded on October 20, 2010 from URL: [tobaccocontrol.bmj.com](http://tobaccocontrol.bmj.com)
- Hayes DJ, Mosher TM, Greenshaw AJ. Differential effects of 5-HT<sub>2C</sub> receptor activation by WAY 161503 on nicotine-induced place conditioning and locomotor activity in rats. *Behav Brain Res.* 2009; 197:323-30.
- Health Canada - Canadian Department of Health Notice. Release of Health Canada document: clinical assessment of abuse liability for drugs with central nervous system activity. File number 07-114023-876, 2007; 14 June.
- Health Canada - Canadian Department of Health (2009a), "An Act to amend the Tobacco Act" Fact sheet, 2009 accessed June 14, 2010; Available from: URL:[http://www.hc-sc.gc.ca/hc-ps/tobac-tabac/legislation/federal/2009\\_fact-renseignements-eng.php](http://www.hc-sc.gc.ca/hc-ps/tobac-tabac/legislation/federal/2009_fact-renseignements-eng.php)
- Health Canada - Canadian Department of Health (2009b), Little Cigars... Big Concerns. 2009; (accessed Sept. 4, 2010). Available from: URL:<http://www.hc-sc.gc.ca/hc-ps/pubs/tobac-tabac/little-cig-petits/index-eng.php>
- Health Canada - Canadian Department of Health (2010a), Government of Canada Delivers on Promise to Protect Kids from Tobacco. 2010; April 20. Available from: URL: [http://www.hc-sc.gc.ca/ahc-asc/media/nr-cp/2010/2010\\_55-eng.php](http://www.hc-sc.gc.ca/ahc-asc/media/nr-cp/2010/2010_55-eng.php)
- Health Canada - Canadian Department of Health (2010b). Statement of the Honourable Leona Aglukkaq, Minister of Health – Marketing of Tobacco to Children and Youth. 2010; June 24. Available from: URL:<http://www.marketwire.com/press-release/Statement-Honourable-Leona-Aglukkaq-Minister-Health-Marketing-Tobacco-Children-Youth-1281539.htm>
- Health Canada - Canadian Department of Health (2010c). Government of Canada Ban on Flavoured Tobacco Products Now in Full Force. 2010; July 5. Available from:[http://www.marketwire.com/mw/rel\\_ca\\_print.jsp?id=1285621&lang=E1](http://www.marketwire.com/mw/rel_ca_print.jsp?id=1285621&lang=E1)

- Heath AC, Kirk KM, Meyer JM, Martin NG. Genetic and social determinants of the initiation and age at onset of smoking in Australian twins. *Behavioral Genetics*, 1999; Vol. 29, No. 6, p 395-421.
- Heatherton TF, Kozlowski LT, Frecker RC, Fagerström K-O. The Fagerström test for nicotine dependence: a revision of the Fagerström tolerance questionnaire. *British Journal of Addiction*. 1991; 86: 1119-1127.
- Heck JD. Smokers of menthol and non-menthol cigarettes exhibit similar levels of biomarkers of smoke exposure. *Cancer Epidemiol Biomarkers Prev*. 2009; 18: 622-629.
- Heck JD. A review and assessment of menthol employed as a cigarette flavoring ingredient. *Food Chem Toxicol*. 2010; 48 Suppl 2: S1-38. Journal homepage: [www.elsevier.com/locate/foodchemtox](http://www.elsevier.com/locate/foodchemtox)
- Hegarty, R. Tobacco sales weather the storm. Top 20 cigarettes in the U.K. *The Grocer*, 2010 February 20. [www.thegrocer.co.uk](http://www.thegrocer.co.uk)
- Hendricks PS, Prochaska JJ, Humfleet GL, Hall SM. Evaluating the validities of different DSM-IV-based conceptual constructs of tobacco dependence. *Addiction*, 2008; July; 103(7):1215-23
- Henningfield JE, Stapleton JM, Benowitz NL, Grayson RF, London ED. Higher levels of nicotine in arterial than in venous blood after cigarette smoking. *Drug Alcohol Depend*. 1993; 33:23-9.
- Hennigfield J, Zeller J. Could Science-Based Regulation Make Tobacco Products Less Addictive? *Yale Journal of Health Policy, Law, and Ethics*. 2002; III:1.
- Herraiz T. Relative exposure to beta-carbolines norharman and Harman foods and tobacco smoke. *Food additives and Contaminants*, Vol. 21, No. 11 2004; November, pp. 1041-1050
- Herraiz T, Chaparro C. Human monoamine oxidase is inhibited by tobacco smoke: beta-carboline alkaloids act as potent and reversible inhibitors. *Biochemical and Biophysical Research Communications* 2005; 326: 378-386.
- Hersey JC, Ng SW, Nonnemaker JM, Mowery P, Thomas KY, Vilsaint M-C, Allen JA, Haviland ML. Are Menthol Cigarettes a starter product for youth? *Nicotine & Tobacco Research* 2006; 8(3): 403-413.
- Hildebrand BE, Panagis G, Svensson TH, Nomikos GG. Behavioral and biochemical manifestations of mecamylamine-precipitated nicotine withdrawal in the rat: role of nicotinic receptors in the ventral tegmental area. *Neuropsychopharmacology* 1999; 21:560-74.
- Hodge BT, Shelar GR. Analysis of glycyrrhizic acid in licorice and tobacco products. *Tobacco Industry Documents: RJ Reynolds; Bates Number: 500608937-8947*, 1979. Available from: URL: <http://tobaccodocuments.org/rjr/500608937-8947.html> (accessed 5 July 2010).
- Hoffmann D, Hoffmann I. The changing cigarette, 1950-1995. *J Toxicol Environ Health* 1997; 50:307-64.
- Holl F. Unknown source. *Gewürze – sinnlicher Genuss*. 2010.

- Hollander JA, Lu Q, Cameron MD, Kamenecka TM, Kenny PJ. Insular hypocretin transmission regulates nicotine reward. *Proc Natl Acad Sci USA* 2008; 105, 19480-5.
- Holma B, Hegg PO. pH- and protein-dependent buffer capacity and viscosity of respiratory mucus: their interrelationships and influence on health. *Sci Total Environ* 1989; 84:71-82.
- HSC (Health Sponsorship Council). Reducing Smoking Initiation. Literature review. For New Zealand Ministry of Health. July 2005.
- Hughes JR, Hatsukami D. Signs and symptoms of tobacco withdrawal. *Arch Gen Psychiatry* 1986; 43:289-94.
- Hughes JR, Helzer JE, Lindberg SA. Prevalence of DSM/ICD-defined nicotine dependence. *Drug Alcohol Depen* 2006; 85:91-102.
- Hughes JR, Stead LF, Lancaster T. Antidepressants for smoking cessation (review). The Cochrane Collaboration. 2004. <http://www.thecochranelibrary.com>
- Hughes JR. Should criteria for drug dependence differ across drugs? *Addiction*, 2006; Sept; suppl 1:134-141.
- Hughes JR. Effects of abstinence from tobacco: valid symptoms and time course. *Nicotine Tob Res* 2007; 9:315-27.
- Hughes JR., Oliveto AH, Riggs R, Kenny M, Liquori A, Pillitteri JL, MacLaughlin MA. Concordance of different measures of nicotine dependence: two pilot studies. *Addict Behav.* 2004; Nov. 29 (8):1527-39.
- Hukkanen J, Jacob P 3rd, Benowitz NL. Metabolism and disposition kinetics of nicotine. *Pharmacol Rev* 2005; 57:79-115.
- Hukkanen J, Jacob P 3rd, Peng M, Dempsey D, Benowitz NL. Effects of nicotine on cytochrome P450 2A6 and 2E1 activities. *Br J Clin Pharmacol* 2010; 69(2):152-9.
- Hung RJ, McKay JD, Gaborieau V, Boffetta P, Hashibe M, Zaridze D, et al. A susceptibility locus for lung cancer maps to nicotinic acetylcholine receptor subunit genes on 15q25. *Nature* 2008; 452:633-7.
- Hurt RD, Robertson CR. Prying open the door to the tobacco industry's secrets about nicotine: The Minnesota Tobacco Trial. *JAMA* 1998; 280:1173-81.
- Huston-Lyons D, Kornetsky C. Effects of nicotine on the threshold for rewarding brain stimulation in rats. *Pharmacol Biochem Behav* 1992; 41:755-9.
- IARC. A review of human carcinogens. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: Volume 100. Lyon: IARC Press; 2009, in preparation. Summary of evaluations available from: URL: <http://monographs.iarc.fr/ENG/Meetings/vol100F-evaluations.pdf> (accessed 5 July 2010).
- IARC. Formaldehyde, 2-butoxyethanol and 1-tert-butoxypropan-2-ol. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: Volume 88. Lyon: IARC Press 2006.

- IARC. Smokeless tobacco and some tobacco-specific N-nitrosamines. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: Volume 89. Lyon: IARC Press; 2007.
- IARC. Tobacco habits other than smoking; betel-quid and areca-nut chewing; and some areca-nut-derived nitrosamines. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: Volume 37. Lyon: IARC Press; 1985.
- IARC. Tobacco smoking and involuntary smoking. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: Volume 83. Lyon: IARC Press; 2004.
- IARC. Tobacco smoking. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: 1986; Volume 38. Lyon: IARC Press.
- ICRP. Human respiratory model for radiological protection. Ann ICRP 1994; 24:1-482.
- Ingredients data from Member States: Annex I: Ingredients lists from different Member States: the Netherlands, Germany, Greece, Estonia, Austria, Portugal.
- Inserm. Collective Expert Report in English: Tobacco Understand dependence in order to act - Summary and recommendations. 2004.
- Isiegas C, Mague SD, Blendy JA. Sex differences in response to nicotine in C57Bl/6:129SvEv mice. Nicotine Tob Res 2009; 11:851-8.
- Isola R, Zhang H, Tejwani GA, Neff NH, Hadjiconstantinou M. Dynorphin and prodynorphin mRNA changes in the striatum during nicotine withdrawal. Synapse 2008; 62:448-55.
- Ito H, Hamajima N, Matsuo K, Okuma K, Sato S, Ueda R, Tajima K. Monoamine oxidase polymorphisms and smoking behaviour in Japanese. Pharmacogenetics 2003, 13:73-79
- Jaakkola MS, Jaakkola JJ. Effects of environmental tobacco smoke on the respiratory health of adults. Scand J Work Environ Health 2002a; 28 Suppl 2:52-70.
- Jaakkola JJ, Jaakkola MS. Effects of environmental tobacco smoke on the respiratory health of children. Scand J Work Environ Health 2002b; 28 Suppl 2:71-83.
- Jackson D, Aveyard P. Waterpipe smoking in students: Prevalence, risk factors, symptoms of addiction, and smoke intake. Evidence from one British university. BMC Pub Health 2008a; 8:174.
- Jackson KJ, Martin BR, Changeux JP, Damaj MI. Differential role of nicotinic acetylcholine receptor subunits in physical and affective nicotine withdrawal signs. J Pharmacol Exp Ther 2008b; 325:302-12.
- Jarvik ME, Tashkin DP, Caskey NH, McCarthy WJ, Rosenblatt MR. Mentholated cigarettes decrease puff volume of smoke and increase carbon monoxide absorption. Physiol Behav 1994; 56:563-70.
- Jarvis MJ, Boreham R, Primates P, Feyerabend C, Bryant A. Nicotine yield from machine-smoked cigarettes and nicotine intakes in smokers: evidence from a representative population survey. J Natl Cancer Inst 2001; 93:134-8.
- Jenkins RW, Newman RH, Chavis MK. Cigarette smoke formation studies. II. Smoke distribution and mainstream pyrolytic composition of added 14C-menthol (U). Beitr Tabakforsch 1970; 5:299-301.

- Jensen SB, Olsen AK, Pedersen K, Cumming P. Effect of monoamine oxidase inhibition on amphetamine-evoked changes in dopamine receptor availability in the living pig: a dual tracer PET study with [<sup>11</sup>C]Harmine and [<sup>11</sup>C]raclopride. *Synapse* 2006; 59:427-434.
- Ji D, Lape R, Dani JA. Timing and location of nicotinic activity enhances or depresses hippocampal synaptic plasticity. *Neuron*, 2001; July 19. Vol. 31, 131 – 141.
- Johnson PM, Hollander JA, Kenny PJ. Decreased brain reward function during nicotine withdrawal in C57BL6 mice: evidence from intracranial self-stimulation (ICSS) studies. *Pharmacol Biochem Behav* 2008; 90:409-15.
- JTI (JT International S.AS). SCENIHR response. SCENIHR pre-consultation opinion on "Addictiveness and attractiveness of tobacco additives". New references suggested for consideration by the working group. 2010.
- JTI (JT International S.AS). The pharmacological activity of ingredients added to tobacco. 2010; July 19, P. 1-23
- Juergens UR, Dethlefsen U, Steinkamp G, Gillissen, Reppes R, Vetter H. Anti-inflammatory activity of 1,8-cineol (eucalyptol) in bronchial asthma: a double-blind placebo-controlled trial. *Respir Med* 2003; 97:250-6.
- Juvonen RO, Gynther J, Pasanen M, Alhava P, Poso A. Pronounced differences in inhibition potency of lactone and non-lactone compounds for mouse and human coumarin 7-hydroxylases (CYP2A5 and CYP2A6). *Xenobiotica* 2000; 30: 81-92.
- Keithly L, Ferris Wayne G, Cullen DM, Connolly GN. Industry research on the use and effects of levulinic acid: A case study in cigarette additives. *Nicotine Tob Res* 2005; 7:761-71.
- Kenny PJ, Chartoff E, Roberto M, Carlezon Jr WA, Markou A. NMDA receptors regulate nicotine-enhanced brain reward function and intravenous nicotine self-administration: role of the ventral tegmental area and central nucleus of the amygdala. *Neuropsychopharmacology* 2009; 34: 266-81.
- Kenny PJ, Gasparini F, Markou A. Group II metabotropic and alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA)/kainate glutamate receptors regulate the deficit in brain reward function associated with nicotine withdrawal in rats. *J Pharmacol Exp Ther* 2003; 306:1068-76.
- Khalil AA, Davies B, Castagnoli N Jr. Isolation and characterization of a monoamine oxidase B selective inhibitor from tobacco smoke. *Bioorganic & Medicinal Chemistry* 2006; 14: 3392-3398.
- Klein SM, Giovino GA, Barker DC, Tworek C, Cummings KM, O'Connor RJ. Use of flavored cigarettes among adolescent and adult smokers. United States 2004-2005. *Nicotine Tob Res* 2008; 10: 1209-14.
- Klus H, Kunze M, König S, Pöschl E. Smokeless tobacco – an overview. *Contributions to Tobacco Research* 2009; Vol. 23 No. 5 September.
- Koob GF, Le Moal M. Neurobiological mechanisms for opponent motivational processes in addiction. *Philos Trans R Soc Lond B Biol Sci* 2008; 363:3113-23.
- Kornetsky C, Bain G. Brain-stimulation reward: a model for the study of the rewarding effects of abused drugs. *NIDA Res Monogr* 1992; 124:73-93.

- Kosowski AR, Cebers G, Cebere A, Swanhagen AC, Liljequist S. Nicotine-induced dopamine release in the nucleus accumbens is inhibited by the novel AMPA antagonist ZK200775 and the NMDA antagonist CGP39551. *Psychopharmacology (Berl)* 2004; 175:114-23.
- Kozlowski LT, O'Connor RJ. Cigarette filter ventilation is a defective design because of misleading taste, bigger puffs, and blocked vents. *Tob Control* 2002; 11 Suppl 1:140-50.
- Kreslake JM, Wayne GF, Alpert HR, Koh HK, Connolly GN. Tobacco industry control of menthol in cigarettes and targeting of adolescents and young adults. *Am J Public Health* 2008a; 98:1685-92.
- Kreslake JM, Wayne GF, Connolly GN. The menthol smoker: tobacco industry research on consumer sensory perception of menthol cigarettes and its role in smoking behavior. *Nicotine Tob Res.* 2008b; 10: 705-15.
- Kreyling WG, Semmler M, Erbe F, Mayer P, Takenaka S, Schulz H, et al. Translocation of ultrafine insoluble iridium particles from lung epithelium to extrapulmonary organs is size dependent but very low. *J Toxicol Environ Health* 2002; 65:1513-30.
- Krishnan-Sarin S, Rosen MI, O'Malley SS. Naloxone challenge in smokers. Preliminary evidence of an opioid component in nicotine dependence. *Arch Gen Psychiatry* 1999; 56:663-8.
- Ksir C, Hakan R, Hall Jr DP, Kellar KJ. Exposure to nicotine enhances the behavioral stimulant effect of nicotine and increases binding of [3H]acetylcholine to nicotinic receptors. *Neuropharmacology* 1985; 24:527-31.
- Kuehn BM. FDA: Electronic cigarettes may be risky. *JAMA* 2009; 302:937.
- Kuryatov A, Olale F, Cooper J, Choi C, Lindstrom J. Human alpha 6 AchR subtypes: subunit composition, assembly, and pharmacological responses. *Neuropharmacology* 2000; 39:2570-90.
- Lança AJ, Adamson KL, Coen KM, Chow BL, Corrigan WA. The pedunculopontine tegmental nucleus and the role of cholinergic neurons in nicotine self-administration in the rat: a correlative neuroanatomical and behavioral study. *Neuroscience* 2000; 96:735-42.
- Lanteri C, Hernández Vallejo SJ, Salomon L, Doucet EL, Godeheu G, Torrens Y, et al. Inhibition of monoamine oxidases desensitizes 5-HT<sub>1A</sub> autoreceptors and allows nicotine to induce a neurochemical and behavioral sensitization. *J Neurosci* 2009; 29:987-97.
- Launay JM, Del Pino M, Chironi G, Callebert J, Peoc'h K, Mégnien JL, et al. Smoking induces long-lasting effects through a monoamine-oxidase epigenetic regulation. *PLoS One* 2009; 4:e7959. Available from: URL: <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0007959> (accessed 5 July 2010).
- Lauterbach JH, Bao M, Joza PL, Rickert WS. Free-base nicotine in tobacco products. Part 1. Determination of free-base nicotine in the particulate phase of mainstream cigarette smoke and the relevance of these findings to product design parameters. *Regulatory Toxicology and Pharmacology* 2010; 45-63
- Lefevre P, *Chemistry of Tobacco Smoke*. (No date of publication given).



- Le Foll B, Goldberg SR. Rimonabant, a CB1 antagonist, blocks nicotine-conditioned place preferences. *Neuroreport* 2004; 15:2139-43.
- Le Foll B, Wertheim CE, Goldberg SR. Effects of baclofen on conditioned rewarding and discriminative stimulus effects of nicotine in rats. *Neurosci Lett* 2008; 443:236-40.
- Leffingwell JC, Young HJ, Bernasek E. Tobacco flavoring for smoking products. Tobacco Industry Documents: RJ Reynolds; Bates Number: 501521701-1774, 1972. Available from: URL: <http://tobaccodocuments.org/rjr/501521701-1774.html> (accessed 6 July 2010).
- Lennox AS, Taylor RJ. Factors associated with outcome in unaided smoking cessation, and a comparison of those who have never tried to stop with those who have. *British Journal of General Practice*, 1994, 44, 245-250
- Leroy C, Bragulat V, Berlin I, Grégoire MC, Bottlaender M, Roumenov D, Dollé F, Bourgeois S, Penttilä J, Artiges E, Martinot JL, Trichard C. Cerebral monoamine oxidase A inhibition in tobacco smokers confirmed with PET and [<sup>11</sup>C]befloxatone. *J Clin Psychopharmacol*. 2009 Feb;29:86-8.
- Levy RB, Reyes AD, Aoki C. Nicotinic and muscarinic reduction of unitary excitatory postsynaptic potentials in sensory cortex; dual intracellular recording in vitro. *J Neurophysiol* 2006; 95: 2155-2166.
- Lewis M, Wackowski D. Dealing with an innovative industry: A look at flavored cigarettes promoted by mainstream brands. *Am J Public Health* 2006; 96:244-51.
- Li X, Rainnie DG, McCarley RW, Greene RW. Presynaptic nicotinic receptors facilitate monoaminergic transmission. *J Neurosci* 1998; 18:1904-12.
- Liechti ME, Lhuillier L, Kaupmann K, Markou A. Metabotropic glutamate 2/3 receptors in the ventral tegmental area and the nucleus accumbens shell are involved in behaviors relating to nicotine dependence. *J. Neurosci*. 2007; 27:9077-85.
- Liechti ME, Markou A. Role of the glutamatergic system in nicotine dependence: implications for the discovery and development of new pharmacological smoking cessation therapies. *CNS Drugs* 2008; 22:705-24.
- Ling PM, Glantz SA. Tobacco industry consumer research on socially acceptable cigarettes. *Tobacco Control* 2005; 14(5):e3.
- Lington AW, Bevan C. Alcohols. In: Clayton GD, Clayton FE, editors. *Patty's industrial hygiene and toxicology*. New York: John Willey & Sons; 1994. Primær kilde: Ardeev YI. *Nauch Tr Omsk Med Inst* 1966; 69:146.
- Liu X, Caggiula AR, Yee SK, Nobuta H, Sved AF, Pechnick RN, Poland RE. Mecamylamine attenuates cue-induced reinstatement of nicotine-seeking behavior in rats. 2007; 32: 710-718.
- Lockhart LP. Nicotine poisoning. *Br Med J* 1939; 1:246-7.
- Lu B, Kerepesi L, Wisse L, Hitchman K, Meng QR. Cytotoxicity and gene expression profiles in cell cultures exposed to whole smoke from three types of cigarettes. *Toxicological Sciences* 2007; 98(2), 469-478.
- Luetje CW. Getting past the asterisk: the subunit composition of presynaptic nicotinic receptors that modulate striatal dopamine release. *Mol Pharmacol* 2004; 65:1333-5.

- MacDougall JM, Fandrick K, Zhang X, Serafin SV, Cashman JR. Inhibition of human liver microsomal (S)-nicotine oxidation by (-)-menthol and analogues. *Chem Res Toxicol* 2003; 16:988-93.
- Main C, Thomas S, Ogilvie D, Stirk L, Petticrew M, Whitehead M, et al. Population tobacco control interventions and their effects on social inequalities in smoking: placing an equity lens on existing systematic reviews. *BMC Public Health* 2008; 8:178.
- Main determinants of cigarette smoking in youth based on the 2006 Cyprus GYTS. *Preventive Medicine* 2009; 48: 232-236.
- Malaiyandi V, Sellers EM, Tyndale RF. Implications of CYP2A6 genetic variation for smoking behaviours and nicotine dependence. *Clin Pharmacol Ther* 2005; 77:145-58.
- Maldonado R, Berrendero F. Endogenous cannabinoid and opioid systems and their role in nicotine addiction. *Current Drug Targets* 2009; 11:440-9.
- Maldonado R, Valverde O, Berrendero F. Involvement of the endocannabinoid system in drug addiction. *Trends Neurosci* 2006; 29:225-32.
- Malin DH, Lake JR, Newlin-Maultsby P, Roberts LK, Lanier JG, Carter VA, et al. Rodent model of nicotine abstinence syndrome. *Pharmacol Biochem Behav* 1992; 43:779-84.
- Malizia E, Andreucci G, Alfani F, Smeriglio M, Nicholai P. Acute intoxication with nicotine alkaloids and cannabinoids in children from ingestion of cigarettes. [Hum Toxicol](#) 1983; 2:315-16.
- Malsion JL, Lee EM, Moolchan ET, Pickworth WB. Nicotine delivery from smoking bidis and an additive-free cigarette. *Nicotine Tob Res.* 2002; 4:485-90.
- Manning KC, Kelly KJ, Comello ML. Flavoured cigarettes, sensation seeking and adolescents' perceptions of cigarette brands. *Tob Control* 2009; 18:459-65.
- Mansvelder HD, Keath JR, McGehee DS. Synaptic mechanisms underlie nicotine-induced excitability of brain reward areas. *Neuron* 2002; 33:905-19.
- Mansvelder HD, McGehee DS. Cellular and synaptic mechanisms of nicotine addiction. *J Neurobiol* 2003; 53:606-17.
- Mansvelder HD, van Aerde KI, Couey J, Brussard AB. Nicotinic modulation of neuronal networks: from receptors to cognition. *Psychopharmacology.* 2006; 184: 292-305.
- Markou A, Koob GF. Intracranial self-stimulation thresholds as a measure of reward: In: Sahgal A, editor. *Behavioural Neuroscience: A Practical Approach*. New York: Oxford University Press; 1993. p. 93-115.
- Markou A, Paterson NE. The nicotinic antagonist methyllycaconitine has differential effects on nicotine self-administration and nicotine withdrawal in the rat. *Nicotine Tob Res* 2001; 3:361-73.
- Marks MJ, Burch JB, Collins AC. Genetics of nicotine response in four inbred strains of mice. *J Pharmacol Exp Ther* 1983; 226:291-302.
- Marks MJ, Romm E, Gaffney DK, Collins AC. Nicotine-induced tolerance and receptor changes in four mouse strains. *J Pharmacol Exp Ther* 1986; 237:809-19.

- Martín-García E, Barbano MF, Galeote L, Maldonado R. New operant model of nicotine-seeking behaviour in mice. *Int J Neuropsychopharmacol* 2009; 12:343-56.
- Marty MA, Erwin VG, Cornell K, Zgombick JM. Effects of nicotine on beta-endorphin, alpha MSH, and ACTH secretion by isolated perfused mouse brains and pituitary glands, in vitro. *Pharmacol Biochem Behav* 1985; 22:317-25.
- Marubio LM, del Mar Arroyo-Jimenez M, Cordero-Erausquin M, Léna C, Le Novère N, de Kerchove d'Exaerde A, et al. Reduced antinociception in mice lacking neuronal nicotinic receptor subunits. *Nature* 1999; 398:805-10.
- Marubio LM, Gardier AM, Durier S, David D, Klink R, Arroyo-Jimenez MM, et al. Effects of nicotine in the dopaminergic system of mice lacking the alpha4 subunit of neuronal nicotinic acetylcholine receptors. *Eur J Neurosci* 2003; 17:1329-37.
- Maskos U, Molles BE, Pons S, Besson M, Guiard BP, Guilloux JP, et al. Nicotine reinforcement and cognition restored by targeted expression of nicotinic receptors. *Nature* 2005; 436:103-7.
- Maziak W, Rastam S, Ibrahim I, Ward KD, Shihadeh A, Eissenberg T. CO exposure, puff topography, and subjective effects in waterpipe tobacco smokers. *Nicotine Tob Res* 2009; 11:806-11.
- Maziak W, Ward KD, Afifi Soweid RA, Eissenberg T. Tobacco smoking using a waterpipe: a re-emerging strain in a global epidemic. *Tob Control* 2004a; 13:327-33.
- Maziak W, Ward KD, Eissenberg T. Factors related to frequency of narghile (waterpipe) use: the first insights on tobacco dependence in narghile users. *Drug Alcohol Depend* 2004b; 76:101-6.
- McCarthy WJ, Caskey NH, Jarvik ME, Gross TM, Rosenblatt MR, Carpenter C. Menthol vs nonmenthol cigarettes: effects on smoking behavior. *Am J Public Health* 1995; 85:67-72.
- McCusker K, Hiller FC, Wilson JD, Mazumder MK, Bone R. Aerodynamic sizing of tobacco smoke particulate from commercial cigarettes. *Arch Environ Health* 1983; 38:215-18.
- McDaniel PA, Malone RE. "I always thought they were all pure tobacco": American smokers' perceptions of "natural" cigarettes and tobacco industry advertising strategies. *Tob Control* 2007; 16:e7.
- McGrath C, Warren N, Biggs P, McAughey J (2009). Real-time measurement of inhaled and exhaled cigarette smoke: implications for dose. *Journal of Physics: Conference Series* 2009; 151: 012018.
- McGregor A, Roberts DC. Effect of medial prefrontal cortex injections of SCH 23390 on intravenous cocaine self-administration under both a fixed and progressive ratio schedule of reinforcement. *Behav Brain Res* 1995; 67:75-80.
- McKnight RH, Spiller HA. Green tobacco sickness in children and adolescents. *Public Health Rep* 2005; 120:602-5.
- McLaughlin SD, Scott BK, Peterson CM. The effect of cigarette smoking on breath and whole blood-associated acetaldehyde. *Alcohol* 1990; 7:285-7.

- McLellan AT, Lewis DC, O'Brien CP, Kleber HD. Drug dependence, a chronic medical illness: implications for treatment, insurance, and outcomes evaluation. *JAMA* 2000; 284:1689-95.
- McNabb ME. Nicotine tolerance questionnaire scores and plasma nicotine: no correlation. *Addictive Behaviors*, 1985; Vol. 10, pp. 329-332.
- McNeill AD, Jarvis MJ, Stapleton JA, Russell MAH, Eiser JR, Gammage P, Gray EM. Prospective study of factors predicting uptake of smoking in adolescents. *Journal of Epidemiology and Community Health*, 1988; 43, 72-78
- McNeill A, Sweanor D, Beneficence or maleficence—big tobacco and smokeless products © 2009 The Authors. Journal compilation © 2009 Society for the Study of Addiction. *Addiction*, 2009; 104: 167–168. The MPOWER package.
- Medioni J, Berlin I, Mallet A. Increased risk of relapse after stopping nicotine replacement therapies: a mathematical modelling approach. *Addiction* 2005; 100:247-54.
- Mejia AB, Ling PM, Glantz SA. Quantifying the effects of promoting smokeless tobacco as a harm reduction strategy in the USA. *Tob Control* 2010; 19:297-305.
- Mendrek A, Blaha CD, Phillips AG. Pre-exposure of rats to amphetamine sensitizes self-administration of this drug under a progressive ratio schedule. *Psychopharmacology (Berl)* 1998; 135:416-22.
- Merckel C, Pragst F, Analyse des additifs ajoutés aux cigarettes. Résumé du rapport concernant le projet additifs du tabac sur mandat de l'Office fédéral de la santé publique (OFSP) Par UnivBerlin. 2005.
- Merckel C, Pragst F, Ratzinger A, Aebi B, Bernhard W, Sporkert F. Application of headspace solid phase microextraction to qualitative and quantitative analysis of tobacco additives in cigarettes. *J Chromatogr A* 2006; 1116:10-9.
- Merritt LL, Martin BR, Walters C, Lichtman AH, Damaj MI. The endogenous cannabinoid system modulates nicotine reward and dependence. *J Pharmacol Exp Ther* 2008; 326:483-92.
- Mihailescu S, Palomero-Rivero M, Meade-Huerta P, Maza-Flores A, Drucker-Colin R. Effects of nicotine and mecamylamine on rat dorsal raphe neurons. *Eur J Pharmacol* 1998; 360:31-6.
- Miller GE, Jarvik ME, Caskey NH, Segerstrom SZ, Rosenblatt MR, McCarthy WJ. Cigarette mentholation increases smokers' exhaled carbon monoxide levels. *Exp Toxicol Pathol* 1994; 2:154-60.
- Milstein R. Response to call for information. Lorillard Tobacco Company. 2010.
- Miner LL, Collins AC. The effect of chronic nicotine treatment on nicotine-induced seizures. *Psychopharmacology (Berl)* 1988; 95:52-5.
- Monn C, Kindler P, Meile A, Brändli O. Ultrafine particle emissions from waterpipes. *Tob Control* 2007; 16:390-3.
- Moreno AM. Fragrance raw materials monographs; Alpha-Pinene. *Food & Cosmetics Toxicology* 1978a May 1;16:853. Primær kilde: Hercules Inc. Hercules Terpene Hydrocarbons and Solvents. Summary of Toxylogical Investigations. *Toxicol Data Bulletin T*; 1962; October, 108. 31.

- Moreno AM. Fragrance raw materials monographs; Alpha-Pinene. Food & Cosmetics Toxicology 1978b May 1;16:853. Primær kilde: Epshtein M.M. The effect of Alpha-Pinene on oxygen absorption and glycolytic activity in the rat brain in experiments. Ukr. Biokhem. Zh. 1959; 31, 751.
- Moreno AM. Fragrance raw materials monographs; Alpha-Pinene. Food & Cosmetics Toxicology 1978c May 1;16:853. Primær kilde: Merck & Co. Inc Rahway NJ. The Merck Index. An Encyclopedia of Chemicals and Drugs. 9th Ed. No. 7242. 1976.
- Morton MJ, Laffoon SW. Cigarette smoke chemistry market maps under Massachusetts Department of Public Health smoking conditions. Regulatory Toxicology and Pharmacology 2008; 51: 1-30
- Mueller L, Röper W. Commentary. It Ain't Necessarily So. Contributions to Tobacco Research. 2000; Volume 19, No. 2, July 2000; p. 51-54.
- Mulligan C, Report Comparison smoking prevention US-Canada. Univ.Chicago and Chicago Partners-Navigant Consulting Inc. 2007.
- Muscat JE, Chen G, Knipe A, Stellman SD, Lazarus P, Richie JP Jr. Effect of menthol on tobacco smoke exposure, nicotine dependence, and NNAL glucuronidation. Cancer Epidemiol Biomarkers Prev. 2009; 18:35-41.
- Muscat JE, Richie Jr JP, Stellman SD. Mentholated cigarettes and smoking habits in whites and blacks. Tobacco Control 2002; 11:368-371.
- Myslobodsky M. Petit Mal Epilepsy. A search for the precursors of wave-spike activity. Academic Press New York San Francisco London; 1976.
- Nair U, Thielmann H, Pötschke-Langer M. Facts in Smoking: Carcinogens in Tobacco Smoke. DKFZ Heidelberg. 2009. URL: [www.tabakkontrolle.de](http://www.tabakkontrolle.de)
- Narrow WE, Rae DS, Robins LN, Regier DA. Revised Prevalence Estimates of Mental Disorders in the United States. Using a Clinical Significance Criterion to Reconcile 2 Surveys' Estimates. Arch Gen Psychiatry, 2002; February, Vol 59: 115-123.
- NCI Cigars: health effects and trends. NCI Tobacco Control Monograph 9. US National Institutes of Health; 1998.
- NCI. Monograph 20. Phenotypes and endophenotypes. Foundations for genetic studies of nicotine use and dependence. NCI Tobacco Control Monograph Series; 2009.
- Nemmar A, Hoet PH, Vanquickenborne B, Dinsdale D, Thomeer M, Hoylaerts MF, et al. Passage of inhaled particles into the blood circulation in humans. Circulation 2002; 105:411-4.
- Newhouse PA, Potter A, Singh A. Effects of nicotine stimulation on cognitive performance. Current Opinion in Pharmacology 2004; 4:36-46.
- Nielsen PK, Ganner Bech A, Plambeck Hansen C, Løcke H, Nielsen IM, Bengtsen M, Nørgaard M, Lei N, Fokdal Pedersen S. Tobacco Additives – A Study of the Available Literature. Danish Cancer Society; 2008.
- Nil R, Bättig K. Separate effects of cigarette smoke yield and smoke taste on smoking behavior. Psychopharmacology (Berl) 1989; 99:54-9.
- Nisell M, Nomikos GG, Svensson TH. Systemic nicotine-induced dopamine release in the rat nucleus accumbens is regulated by nicotinic receptors in the ventral tegmental area. Synapse 1994; 16:36-44.

- Nishino T, Tagaito Y, Sakurai Y. Nasal inhalation of l-menthol reduces respiratory discomfort associated with loaded breathing. *Am J Respir Crit Care Med* 1997; 156:309-13.
- NYC Major (New York City Mayor) Michael Bloomberg. Mayor Bloomberg Signs Legislation Prohibiting the Sale of Certain Flavored Tobacco Products. 2009; October 28. Available at URL: [http://www.nyc.gov/portal/site/nycgov/menuitem.c0935b9a57bb4ef3daf2f1c701c789a0/index.jsp?pageID=mayor\\_press\\_release&catID=1194&doc\\_name=http%3A%2F%2Fwww.nyc.gov%2Fhtml%2Fom%2Fhtml%2F2009b%2Fpr472-09.html&cc=unused1978&rc=1194&ndi=1](http://www.nyc.gov/portal/site/nycgov/menuitem.c0935b9a57bb4ef3daf2f1c701c789a0/index.jsp?pageID=mayor_press_release&catID=1194&doc_name=http%3A%2F%2Fwww.nyc.gov%2Fhtml%2Fom%2Fhtml%2F2009b%2Fpr472-09.html&cc=unused1978&rc=1194&ndi=1)
- O'Brien CP and Gardner EL. Critical assessment of how to study addiction and its treatment: Human and non-human animal models. *Pharmacology & Therapeutics* 2005; 108:18 – 58.
- O'Connor RJ, Ashare RL, Cummings KM, Hawk Jr. LW. Comparing smoking behaviors and exposures from flavoured and unflavored cigarettes. *Addictive Behav* 2007; 869–874.
- O'Gara C, Knight J, Stapleton J, Luty J, Neale B, Nash M, Heuzo-Diaz P, Hoda F, Cohen S, Sutherland G, Collier D, Sham P, Ball D, McGuffin P, Craig I (2008) Association of the serotonin transporter gene, neuroticism and smoking behaviours. *J Hum Genet* 2008; 53:239–246.
- O'Loughlin J, Karp I, Koulis T, Paradis G, DiFranza J. Determinants of First Puff and Daily Cigarette Smoking in Adolescents. *Am J Epidemiol* 2009; 170:585–597
- Oberdörster G, Oberdörster E, Oberdörster J. Nanotoxicology: an emerging discipline evolving from studies of ultrafine particles. *Environ Health Perspect* 2005; 113:823-39.
- Oberdörster G, Sharp Z, Atudorei V, Elder A, Gelein R, Lunts A, et al. Extrapulmonary translocation of ultrafine carbon particles following whole-body inhalation exposure of rats. *J Toxicol Environ Health A* 2002; 65: 1531-43.
- O'Dell LE, Chen SA, Smith RT, Specio SE, Balster RL, Paterson NE, et al. [Extended access to nicotine self-administration leads to dependence: Circadian measures, withdrawal measures, and extinction behavior in rats.](#) *J Pharmacol Exp Ther* 2007; 320:180-93.
- Oh DL, Heck JE, Dresler C, Allwright S, Haglund M, Del Mazo SS, Kralikova E, Stucker I, Tamang E, Gritz ERR, Hashibe M. Determinants of smoking initiation among women in five European countries: a cross-sectional survey. 2010.
- Okamoto M, Kita T, Okuda H, Tanaka T, Nakashima T. Effects of aging on acute toxicity of nicotine in rats. *Pharmacol Toxicol* 1994; 74:1-6.
- Olausson P, Akesson P, Engel JA, Söderpalm B. Effects of 5-HT1A and 5-HT2 receptor agonists on the behavioral and neurochemical consequences of repeated nicotine treatment. *Eur J Pharmacol* 2001a; 420:45-54.
- Olausson P, Akesson P, Petersson A, Engel JA, Söderpalm B. Behavioral and neurochemical consequences of repeated nicotine treatment in the serotonin-depleted rat. *Psychopharmacology (Berl)* 2001b; 155:348-61.
- Olausson P, Engel JA, Soderpalm B. Involvement of serotonin in nicotine dependence: processes relevant to positive and negative regulation of drug intake. *Pharmacol Biochem Behav* 2002; 71:757-71.

- Olbrich T, Belhadj H, Tobacco Additives, Call for Information Cover letter. Philip Morris International Management S.A. 2010.
- Olds J, Milner P. Positive reinforcement produced by electrical stimulation of septal area and other regions of rat brain. *J Comp Physiol Psychol* 1954; 47:419-27.
- Oliva I, González-Trujamo E, Arrieta J, Enciso-Rodríguez R, Navarrente A. Neuropharmacological Profile of Hydroalcohol Extract of Valeriana edulis ssp. Procera Roots in Mice. *Phytotherapy Research* 2004; 18:209-96.
- ONS. Results from the General Household Survey (GHS) of 2007. Office for National Statistics London: HMSO; 2007.
- Oreland L, Arai Y, Stenström A. The effect of deprenyl (selegiline) on intra- and extraneuronal dopamine oxidation. *Acta Neurol Scand* 1983; Suppl 95:81-85
- Ortiz JG, Nieves-Natal J, Chavez P. Effects of Valeriana officinalis extracts on [3H] flunitrazepam binding, synaptosomal [3H] GABA uptake, and hippocampal [3H] GABA release. *Neurochem Res* 1999; 24:1373-8.
- Oullier O, Sauneron S, PREMIER MINISTRE France - Policy options at EU level - Improving public health prevention with behavioural, cognitive and neuroscience. Report handed to Nathalie Kosciusko-Morizet, Secretary of State for Strategic Planning and the Development of the Digital Economy. Centre for Strategic Analysis; 2010. URL: [www.strategie.gouv.fr](http://www.strategie.gouv.fr)
- Padilla J, Watson N. A critical review of the literature on generic packaging for cigarettes. A report for PMI. LECG Consulting Belgium. 2010; 4 January 09-10.
- Palmatier MI, Evans-Martin FF, Hoffman A, Caggiula AR, Chaudhri N, Donny EC, Liu X, Booth S, Gharib M, Craven L, Sved AF. Dissociating the primary reinforcing and reinforcement-enhancing effects of nicotine using a rat self-administration paradigm with concurrently available drug and environmental reinforcers. 2005.
- Palmatier MI, Liu X, Matteson GL, Donny EC, Caggiula AR, Sved AF. Conditioned reinforcement in rats established with self-administered nicotine and enhanced by noncontingent nicotine. *Psychopharmacology* 2007; 195:235-243.
- Panagis G, Hildebrand BE, Svensson TH, Nomikos GG. Selective c-fos induction and decreased dopamine release in the central nucleus of amygdala in rats displaying a mecamylamine-precipitated nicotine withdrawal syndrome. *Synapse* 2000; 35:15-25.
- Pankow JF, Tavakoli AD, Luo W, Isabelle LM. Percent free base nicotine in the tobacco smoke particulate matter of selected commercial and reference cigarettes. *Chem Res Toxicol* 2003; 16:1014-8.
- Papke RL, Dwoskin LP, Crooks PA. The pharmacological activity of nicotine and nornicotine on nAChRs subtypes: relevance to nicotine dependence and drug discovery. *Journal of Neurochemistry* 2007;1 101, 160-167.
- Paschke T, Scherer G, Heller W-D. Effects of ingredients on cigarette smoke composition and biological activity: a literature overview. *Contributions to tobacco research* 2002; volume 30, 3 August.
- Paterson NE, Froestl W, Markou A. The GABAB receptor agonists baclofen and CGP44532 decreased nicotine self-administration in the rat. *Psychopharmacology (Berl)* 2004; 172:179-86.

- Paterson NE, Markou A. The metabotropic glutamate receptor 5 antagonist MPEP decreased break points for nicotine, cocaine and food in rats. *Psychopharmacology (Berl)* 2005; 179:255-61.
- Paterson NE, Semenova S, Gasparini F, Markou A. The mGluR5 antagonist MPEP decreased nicotine self-administration in rats and mice. *Psychopharmacology (Berl)* 2003; 167:257-64.
- Paterson NE, Vlachou S, Guery S, Kaupmann K, Froestl W, Markou A. Positive modulation of GABA(B) receptors decreased nicotine self-administration and counteracted nicotine-induced enhancement of brain reward function in rats. *J Pharmacol Exp Ther* 2008; 326:306-14.
- Pauly J, Li Q, Barry MB. Tobacco-free electronic cigarettes and cigars deliver nicotine and generate concern. *Tob Control* 2007; 16:357.
- Peace J, Wilson N, Thomson G, Edwards R. Colouring of cigarette packs in New Zealand, does it mislead consumers? Wellington: Health Promotion and Policy Research Unit, University of Otago. 2007.
- Perez-Rios M, Santiago-Perez MI, Alonso B, Malvar A, Hervada X, de Leon J. Fagerstrom test for nicotine dependence vs heavy smoking index in a general population survey. *BMC Public Health* 2009; 9:493
- Perkins K, Sayette M, Conklin C, Caggiula A. Placebo effects of tobacco smoking and other nicotine intake. *Nicotine & Tobacco Research Volume 5, Number 5 October 2003*; 695-709.
- Perkins KA, Karelitz JL, Conklin CA, Sayette MA, Giedgowd GE. Acute negative affect relief from smoking depends on the affect situation and measure but not on nicotine. *Biol Psychiatry* 2010; 67:707-14.
- Perry DC, Davila-Garcia MI, Stocmeier CA, Kellar KJ. Increased nicotinic receptors in brains from smokers: membrane binding and autoradiography studies. *J Pharmacol Exp Ther* 1999; 289:1545-52.
- Pfau W, Skog K. Exposure to beta-carbolines norharman and Harman. *Journal of Chromatography B*, 2004; 802 : 115-126
- Philip Morris. Citric acid. Tobacco Industry Documents: Philip Morris; Bates Number: 2028670128-0129, 1989. (Accessed 6 July 2010). Available from: URL: [http://tobaccodocuments.org/product\\_design/2028670128-0129.html](http://tobaccodocuments.org/product_design/2028670128-0129.html)
- Philip Morris. P1-N2 Amplitude Change (MV) P-1 5293. Tobacco Industry Documents: Philip Morris; Bates Number: 2062170324-7740, 1995. (Accessed 7 December 2009). Available from: URL: <http://legacy.library.ucsf.edu/tid/oxg33e00>
- Philip Morris. Research plan for project 2704, aerosol research. Tobacco Industry Documents: Philip Morris; Bates Number: 2020166118-6122, 1991. (Accessed 8 October 2009). Available from: URL: <http://tobaccodocuments.org//pm/2020166118-6122.html>
- Philip Morris. Response to the SCENIHR Committee "call for information" - Background to Cigarette Manufacturing and Use of Additives, Prepared by Philip Morris International Management S.A. 2010; 8 January.



- Philip Morris. Sugar – invert sugar summary of evaluation for use as a cigarette ingredient. Tobacco Industry Documents: Philip Morris; Bates Number: 3006455503-5505, 2002. (Accessed 6 July 2010). Available from: URL:<http://legacy.library.ucsf.edu/action/search/basic?fd=0&q=3006455503>
- Philip Morris. Table of contents for the Philip Morris Behavioral Research Program. Tobacco Industry Documents: Philip Morris; Bates Number: 2021423427-3461, 1992. (Accessed 6 July 2010). Available from: URL:<http://legacy.library.ucsf.edu/action/document/page?tid=lum88d00>
- Phillpotts DF, Spincer D, Westcott DF. The Effect of the Natural Sugar Content of Tobacco Upon the Acetaldehyde Concentration found in Cigarette Smoke. Sonderdruck aus „Beitrage zur Tabakforschung" - Band 8 - Heft I - 1975; Januar. p. 7-10.
- Piano M, Benowitz N, FitzGerald G, Corbridge S, Heath J, Hahn E, Pechacek T, Howard G and on behalf of the American Heart Association Council on Cardiovascular Nursing. Impact of Smokeless Tobacco Products on Cardiovascular Disease: Implications for Policy, Prevention, and Treatment: A Policy Statement From the American Heart Association. *Circulation* 2010; 122:1520-1544; originally published online Sep 13, 2010; DOI: 10.1161/CIR.0b013e3181f432c3. URL: <http://circ.ahajournals.org/cgi/content/full/122/15/1520>
- Picciotto MR, Corrigan WA. Neuronal systems underlying behaviors related to nicotine addiction: neural circuits and molecular genetics. *J Neurosci* 2002; 22:3338-41.
- Picciotto MR, Zoli M, Rimondini R, Léna C, Marubio LM, Pich EM, et al. Acetylcholine receptors containing the beta2 subunit are involved in the reinforcing properties of nicotine. *Nature* 1998; 391:173-7.
- Pickworth WB, Fant RV, Nelson RA, Rohrer MS, Henningfield JE. Pharmacodynamic effects of new de-nicotinized cigarettes. *Nicotine Tob Res* 1999; Dec. 1(4):357-64.
- Pickworth WB, Moolchan ET, Berlin I, Murty R. Sensory and physiologic effects of menthol and non-menthol cigarettes with differing nicotine delivery. *Pharmacol Biochem Behav* 2002; 71:55-61.
- Pomerleau C, Pomerleau O, Majchrzak M, Kloska D, Malakuti R. Relationship between nicotine tolerance questionnaire scores and plasma cotinine. *Addictive Behaviors* 1990; 15:73-80.
- Pöschl. Schnupftabak-lexikon. Pöschl Tabak GmbH & Co. KG. 2010; January 09-16.
- Primack BA, Sidani J, Agarwal AA, Shadel WG, Donny EC, Eissenberg TE. Prevalence of and associations with waterpipe tobacco smoking among U.S. university students. *Ann Behav Med* 2008; 36:81-6.
- Primack BA, Walsh M, Bryce C, Eissenberg, T. Water-pipe tobacco smoking among middle and high school students in Arizona. *Pediatrics* 2009; Feb.123 (2):e282-8.
- Primack, BA, Aronson JD, Agarwal AA. An Old Custom, A New Threat to Tobacco Control. *Am J Public Health* 2006; 96:1339. <http://www.ajph.org/cgi/content/extract/96/8/1339>
- Propel Centre for Population Health Impact. Youth survey finds levels of cigarillo use persist, but users don't consider themselves 'smokers'. 2010; May 31. <http://www.propel.uwaterloo.ca/index.cfm?section=4&page=148&newsID=28>

- PSC - Physicians for a Smoke-free Canada, 2008a, Protecting young Canadians from tobacco marketing: An Appropriate Response to Little Cigars. 2008.[http://www.smoke-free.ca/pdf\\_1/BRIE-2008-07-22-commentsLittleCigars-b.pdf](http://www.smoke-free.ca/pdf_1/BRIE-2008-07-22-commentsLittleCigars-b.pdf)
- PSC- Physicians for a Smoke-free Canada, 2008b, Cigarillo Smoking in Canada: A Review of CTUMS, Wave 1 - 2007. 2008.[http://www.smoke-free.ca/pdf\\_1/cigarillos-2008.pdf](http://www.smoke-free.ca/pdf_1/cigarillos-2008.pdf)
- PSC - Physicians for a Smoke-free Canada, 2009. Flavoured Tobacco: How the Tobacco Industry Baited its Prey. 2009; June.[http://www.smoke-free.ca/pdf\\_1/2009/Flavoured-Jun2.pdf](http://www.smoke-free.ca/pdf_1/2009/Flavoured-Jun2.pdf)
- Quick, M.W., Lester, R.A. Desensitization of neuronal nicotinic receptors. *J. Neurobiol.* 2002; 53: 457-478.
- Rabinoff M, Caskey N, Rissling A, Park C. Pharmacological and chemical effects of cigarette additives. *Am J Public Health* 2007; 97: 1981-91.
- Rahwan RG. Toxic effects of ethanol: possible role of acetaldehyde, tetrahydroisoquinolines, and tetrahydro-beta-carbolines. *Toxicol Appl Pharmacol.* 1975; 34:3-27.
- Rambali B, van Andel I, Schenk E, Wolterink G, van de Werken G, Stevenson H, et al. The contribution of cocoa additive to cigarette smoking addiction. Rijkinstituut voor Volkgezondheid en Milieu (RIVM); Bilthoven, Netherlands. 2002.
- Read G. Response to call for information on the two questions. *British American Tobacco.* 2010.
- Reynolds G. A commentary on the effect of tobacco smoking on inhibition of monoamine oxidase activity in the human brain. 2010.
- Reynolds G. The influence of certain tobacco additives on nicotine dependence - a neuropharmacological perspective, *Expertise Additives.* 2010, Queen's University Belfast.
- Reynolds RJ. Casing and Flavoring of Cigarettes. *Tobacco Industry Documents BN: 1985; 506523494-3505*
- Reynolds RJ. Chemical Information File - Acetophenone. 1998. Notes: BN: 503259451-9454. Primær kilde: Imasheva, NB, *Biol. Deist. G. Znach. Atm. Zagr.* 1966; En. 101-118.
- Reynolds RJ. Chemical information file - Alpha-Pinene. 1983a Nov 18. BN: 503251763 - 1766. Primær kilde: Hercules Inc. Hercules Terpene Hydrocarbons and Solvents. Summary of Toxylogical Investigations. *Toxicol Data Bulletin T-108.* 1962; 31. October.
- Reynolds RJ. Chemical information file - Alpha-Pinene. 1983b Nov 18. BN: 503251763 - 1766. Primær kilde: The Merck Index, 9th ed., Merck & Co. Inc., Rahway, NJ, 1976; pg. 969.
- Reynolds RJ. Cigarette Ingredients. A complete list and background. *Tobacco Industry Documents BN 1994; 513202001-2025.*
- Rickert WS. Partial characterization of 10 common brands of American cigarettes. Project report prepared for Massachusetts Department of Public Health. Labstat Incorporated. 1997; 30 January.

- Rodgman A. Some studies of the effects of additives on cigarette mainstream smoke properties. II. Casing materials and humectants. *Beiträge Tabakforschung International* 2002; 20:279-99.
- Roemer E, Tewes FJ, Meisgen TJ, Veltel DJ, Carmines EL. Evaluation of the potential effects of ingredients added to cigarettes. Part 3: In vitro genotoxicity and cytotoxicity. *Food and Chemical Toxicology* 2002; 40: 105-111.
- Rommelspacher H, Meier-Henco M, Smolka M, Kloft. The levels of norharman are high enough after smoking to affect monoamineoxidase B in platelets. *Eur J Pharmacol* 2002; 441:115-25.
- Rose J, Behm F. Expertise collective. Cigarette evaluation scale (CES), Annexes 463-465.
- Rose JE, Mukhin AG, Lokitz SJ, Turkington TG, Herskovic J, Behm FM, Garg S, Garg PK. Kinetics of brain nicotine accumulation in dependent and nondependent smokers assessed with PET and cigarettes containing <sup>11</sup>C-nicotine. *Proc Natl Acad Sci USA* 2010a; 107:5190-5.
- Rose JE, Salley A, Behm FM, Bates JE, Westman EC. Reinforcing effects of nicotine and non-nicotine components of cigarette smoke. *Psychopharmacology (Berl)* 2010b; 210:1-12.
- Rose JE, Tashkin DP, Ertle A, Zinser MC, Lafer R. Sensory blockade of smoking satisfaction. *Pharmacology, Biochemistry and Behaviour* 1985; 23: 289-93.
- Rose JE. Nicotine and nonnicotine factors in cigarette addiction. *Psychopharmacology (Berl)* 2006; 184: 274-85.
- Royal College of Physicians. Harm reduction in nicotine addiction: helping people who can't quit. A report by the Tobacco Advisory Group of the Royal College of Physicians. London: RCP, 2007.
- Rudas T, Comparison of Smoking Prevalences in American Blend and Virginia Markets. Eötvös Loránd University, Budapest. 2010. Available at: URL: [http://statisztika.tatk.elte.hu/tanszeki\\_honlap/Rudas\\_Tamas.htm](http://statisztika.tatk.elte.hu/tanszeki_honlap/Rudas_Tamas.htm)
- Rukstalis M, Jepson C, Strasser A, Lynch KG, Perkins K, Patterson F, et al. Naltrexone reduces the relative reinforcing value of nicotine in a cigarette smoking choice paradigm. *Psychopharmacology* 2005; 180:41-8.
- Russell MAH, Jarvis MJ, Feyerabend C. A new age for snuff?. *The lancet*, March 1, 1980; p. 474-475.
- Rustemeier K, Stabbert R, Haussmann HJ, Roemer E, Carmines EL. Evaluation of the potential effects of ingredients added to cigarettes. Part 2: chemical composition of mainstream smoke. *Food Chem Toxicol* 2002; 40:93-104.
- Rutqvist L. Swedish snus, Swedish Match AB. 2010.
- Salas R, Sturm R, Boulter J, De Biasi M. Nicotinic receptors in the habenulo-interpeduncular system are necessary for nicotine withdrawal in mice. *J Neurosci* 2009; 29:3014-8.
- Salminen O, Murphy KL, McIntosh JM, Drago J, Marks MJ, Collins AC, et al. Subunit composition and pharmacology of two classes of striatal presynaptic nicotinic acetylcholine receptors mediating dopamine release in mice. *Mol Pharmacol* 2004; 65:1526-35.
- Sanchez, Composite List, 2010, [www.swedishmatch.se](http://www.swedishmatch.se)

- Sanchis-Segura C, Spanagel R. Behavioural assessment of drug reinforcement and addictive features in rodents: an overview. *Addict Biol* 2006; 11:2-38.
- Sanders EB, Goldsmith AI, Seeman JI. A model that distinguishes the pyrolysis of D-glucose, D-fructose, and sucrose from that of cellulose. Application to the understanding of cigarette smoke formation. *J Anal Appl Pyrol* 2003; 66:29-50.
- Sanmartin C, Ng E, Blackwell D, Gentleman J, Martinez M, Simile C. Joint Canada/United States. Survey of Health, 2002-03. Minister of Industry, Ottawa. Catalogue no. 82M0022XIE, ISBN 0-662-36849-5; 2004; June.
- Sarangapani R, Wexler AS. The role of dispersion in particle deposition in human airways. *Tox Sci* 2000; 54:229-36.
- Sarna L, Aguinaga Bialous S, Jin Jun H, Wewers ME, Cooley ME, Feskanich D. Smoking Trends in the Nurses' Health Study (1976-2003). *Nursing Research* 2008; November/December, Vol. 57, No 6: 374-382.
- Sauerhoff M, Expert Toxicology Analysis for a Scientific Opinion on the Influence of Ammonia on Nicotine Absorption and Addiction, Philip Morris. 2010.
- Saunders JB. Substance dependence and non-dependence in the diagnostic and Statistical Manual of Mental Disorders (DSM) and the International Classification of Diseases (ICD): can an identical conceptualization be achieved ?. *Addiction*, 2006; September. 101 Suppl 1: 48-58.
- SCENIHR. Health Effects of Exposure to EMF. 2009; 19 January. (Accessed 6 July 2010). Available from: [http://ec.europa.eu/health/ph\\_risk/committees/04\\_scenihr/docs/scenihr\\_o\\_022.pdf](http://ec.europa.eu/health/ph_risk/committees/04_scenihr/docs/scenihr_o_022.pdf) URL:
- SCENIHR Scientific opinion on the Health Effects of Smokeless Tobacco Products, 2008; 6 February 2008. (Accessed 23 June 2010). Available from: [URL:http://ec.europa.eu/health/ph\\_risk/committees/04\\_scenihr/docs/scenihr\\_o\\_013.pdf](http://ec.europa.eu/health/ph_risk/committees/04_scenihr/docs/scenihr_o_013.pdf)
- Scharfstein J. Blowing smoke: How cigarette manufacturers argues that nicotine is not addictive. *Tob Control*. 1999; 8:210-3.
- Scherer G. Smoking behaviour and compensation: a review of the literature. *Psychopharmacology (Berl)* 1999; 145:1-20.
- Sherwood, The Pharmacological Activity of Ingredients Added to Tobacco, JTIInternational CH. 2010.
- Schmeltz I, Schlotzhauer WS. Benzo(a)pyrene, phenols and other products from pyrolysis of the cigarette additive, (d,l)-menthol. *Nature* 1968; 219:370-1.
- Schoepp DD, Wright RA, Levine LR, Gaydos B, Potter WZ. LY354740, an mGlu2/3 receptor agonist as a novel approach to treat anxiety/stress. *Stress* 2003; 6:189-97.
- Schuster CR, Henningfield J. Conference on abuse liability assessment of CNS drugs. *Drug Alcohol Depend* 2003; 70 (3 Suppl):S1-4.
- Seeman JI, Dixon M, Haussmann HJ. Acetaldehyde in mainstream tobacco smoke: formation and occurrence in smoke and bioavailability in the smoker. *Chem Res Toxicol* 2002; 15:1331-50.

- Seeman JI. Possible Role of Ammonia on the Deposition, Retention, and Absorption of Nicotine in Humans while Smoking. *Chem. Res. Toxicol.* 2007; 20: 326-343.
- Seeman JL, Laffoon SW, Kassman AJ. Evaluation of relationships between mainstream smoke acetaldehyde and "tar" and carbon monoxide yields in tobacco smoke and reducing sugars in tobacco blends of U.S. commercial cigarettes. *Inhal Toxicol* 2003; 15:373-95.
- Sershen H, Shearman E, Fallon S, Chakraborty G, Smeliy J, Lajtha A. The effects of acetaldehyde on nicotine-induced transmitter levels in young and adult brain areas. *Brain Res Bull* 2009; 79:458-62.
- Shahab L, West R, McNeill A. A comparison of exposure to carcinogens among roll-your-own and factory-made cigarette smokers. © 2009 The Authors. Journal compilation © 2009 Society for the Study of Addiction. *Addiction Biology*, 14, 315–320.
- Shaham Y, Adamson LK, Grocki S, Corrigan WA. Reinstatement and spontaneous recovery of nicotine seeking in rats. *Psychopharmacology (Berl)* 1997; 130: 96-403.
- Shepperd CJ, Bevan PC. Reduction of tobacco smoke irritation by use of potential ameliorants. Tobacco Industry Documents: Brown & Williamson; Bates Number: 570268150-8171, 1994b (Accessed 6 July 2010). Available from: URL:<http://tobacodocuments.org/bw/951753.html>
- Shepperd CJ, Eldridge AC, Mariner DC, McEwan M, Errington G, Dixon M. A study to estimate and correlate cigarette smoke exposure in smokers in Germany as determined by filter analysis and biomarkers of exposure. *Regulatory Toxicology and Pharmacology* 2009; 55: 97–109.
- Shepperd CJ. The role of humectants on the sensory character of low tar flue-cured cigarettes. Tobacco Industry Documents: Brown & Williamson; Bates Number: 570269981-0000, 1994a. (Accessed 6 July 2010). Available from: URL:<http://tobacodocuments.org/bw/951800.html>
- Shih JC, Chen K, Ridd MJ. Monoamine oxidase: From Genes to Behavior. *Annu Rev Neurosci.* 1999; 22: 197–217
- Shihadeh A, Azar S, Antonios C, Haddad A. Towards a topographical model of narghile water-pipe cafe smoking: a pilot study in a high socioeconomic status neighborhood of Beirut, Lebanon. *Pharmacol Biochem Behav* 2004; 79: 75-82.
- Shihadeh A. Investigation of mainstream smoke aerosol of the argileh water pipe. *Food Chem Toxicol* 2003; 41:143-52.
- Shoaib M, Schindler CW, Goldberg SR. Nicotine self-administration in rats: strain and nicotine pre-exposure effects on acquisition. *Psychopharmacology (Berl)* 1997; 129: 35-43.
- Shoaib M. The cannabinoid antagonist AM251 attenuates nicotine self-administration and nicotine-seeking behaviour in rats. *Neuropharmacology* 2008; 54, 438-44.
- Shram MJ, Siu EC, Li Z, Tyndale RF, Lê AD. Interactions between age and the aversive effects of nicotine withdrawal under mecamylamine-precipitated and spontaneous conditions in male Wistar rats. *Psychopharmacology (Berl)* 2008; 198:181-90.
- Sidney S, Tekawa IS, Friedman GD, Sadler MC, Tashkin DP. Mentholated cigarette use and lung cancer. *Arch Intern Med* 1995; 155:727-32.

- Silagy C, Lancaster T, Stead L, Mant D, Fowler G. Nicotine replacement therapy for smoking cessation. *Cochrane Database Syst Rev*; 2004; CD000146.
- Simons FE, Becker AB, Simons KJ, Gillespie CA. The bronchodilator effect and pharmacokinetics of theobromine in young patients with asthma. *J Allergy Clin Immunol* 1985; 76:703-7.
- Simpson, D. USA/Brazil: the flavour of things to come. *Tobacco Control* 2004; 13:105-106.
- Simpson D, News analysis. *Tobacco Control* 2009; 18; 78-81 April, No 2. URL: <http://tobaccocontrol.bmj.com/cgi/content/full/18/2/78>
- Slade J, Bero L, Hanauer P, Barnes D, Glantz S. Nicotine and addiction: The Brown and Williamson documents. *JAMA* 1995; 274:225-33.
- Smolinske SC, Spoerke DG, Spiller SK, Wruk KM, Kulig K, Rumack BH. Cigarette and nicotine chewing gum toxicity in children. *Hum Exp Toxicol* 1988; 7:27-31.
- Solarino B, Rosenbaum F, Riebelmann B, Buschmann CT, Tsokos M. Death due to ingestion of nicotine-containing solution: Case report and review of the literature. *Forensic Sci Int* 2010; 195: e19-22.
- Sowa BN, Holt A, Todd KG, Baker GB. Monoamine oxidase inhibitors, their structural analogues, and neuroprotection. *Indian J Exp Biol* 2004; 42:851-7.
- Sparks JA, Pauly JR. Effects of continuous oral nicotine administration on brain nicotinic receptors and responsiveness to nicotine in C57Bl/6 mice. *Psychopharmacology (Berl)*, 1999; 141:145-53.
- Stafford D, LeSage MG, Glowa JR. Progressive-ratio schedules of drug delivery in the analysis of drug self-administration: a review. *Psychopharmacology (Berl)* 1998; 139:169-84.
- Stellman SD, Chen Y, Muscat JE, Djordjevic MV, Richie JP Jr, Lazarus P, et al. Lung cancer risk in white and black Americans. *Ann Epidemiol* 2003; 13: 294-302.
- Stevenson T, Proctor RN. The secret and soul of Marlboro: Phillip Morris and the origins, spread, and denial of nicotine freebasing. *Am J Public Health* 2008; 98:1184-94.
- Strasser AA, Lerman C, Sanborn PM, Pickworth WB, Feldman EA. New lower nicotine cigarettes can produce compensatory smoking and increased carbon monoxide exposure. *Drug Alcohol Depend* 2007; 86:294-300.
- Stratton K, Shetty P, Wallace R, Bondurant S. Clearing the smoke: the science base for tobacco harm reduction – executive summary. *Tob Control* 2001; 10:189-95.
- Summers KL, Giacobini E. Effects of local and repeated systemic administration of (-) nicotine on extracellular levels of acetylcholine, norepinephrine, dopamine, and serotonin in rat cortex. *Neurochem Res* 1995; 20:753-59.
- Summers KL, Lippiello P, Giacobini E. A microdialysis study of the effects of the nicotinic agonist RJR-2403 on cortical release of acetylcholine and biogenic amines. *Neurochem Res* 1996; 21:1181-6.
- Tabakoff B, Anderson RA, Ritzmann RF. Brain acetaldehyde after ethanol administration. *Biochemical Pharmacology* 1976; 25:1305-9.

- Talhout R, Opperhuizen A, van Amsterdam JGC. Sugars as tobacco ingredient: Effects on mainstream smoke composition. *Food and Chemical Toxicology* 2006; 44: 1789–1798
- Talhout RA, Sleijffers JGC, van Amsterdam A. Opperhuizen. Wat rookt de Nederlandse jeugd en waarom? [What smokes the Dutch youth and why?]. RIVM-report 340600004; 2009.
- Tanda G, Di Chiara G. A dopamine-mu1 opioid link in the rat ventral tegmentum shared by palatable food (Fonzies) and non-psychostimulant drugs of abuse. *Eur J Neurosci* 1998; 10:1179-87.
- Tang J, Dani JA. Dopamine enables in vivo synaptic plasticity associated with the addictive drug nicotine. *Neuron*, Volume 63, Issue 5, 2009; 10 September.
- Tapper AR, McKinney SL, Nashmi R, Schwarz J, Deshpande P, Labarca C, et al. Nicotine activation of alpha4\* receptors: sufficient for reward, tolerance, and sensitization. *Science* 2004; 306:1029-32.
- Tassin JP. Uncoupling between noradrenergic and serotonergic neurons as a molecular basis of stable changes in behavior induced by repeated drugs of abuse. *Biochem Pharmacol* 2008; 75:85-97.
- Thompson\_C, United States versus Philip Morris, Trial Test, 2004; (Cross-examination Henningfield).
- Thompson C, United States versus Philip Morris, Trial Test, 2004; (Cross-examination Benowitz).
- Thompson C, Response to the SCENIHR call for information, 2010, Imperial Tobacco.
- Thorgeirsson TE, Geller F, Sulem P, Rafnar T, Wiste A, Magnusson KP, et al. A variant associated with nicotine dependence, lung cancer and peripheral arterial disease. *Nature* 2008; 452:638-42.
- Tobacco Advisory Group. Harm reduction in nicotine addiction. Helping people who can't quit. Tobacco Advisory Group of the Royal College of Physicians, 2007; October. ISBN 978-1-86016-319-7.
- Tobacco Control Legal Consortium USA, Federal Regulation of Tobacco: A Summary. Tobacco Epidemic, 2008. Tobacco Control Legal Consortium USA 2009.
- Tob Gen Consort (Tobacco and Genetics Consortium). Genome-wide meta-analyses identify multiple loci associated with smoking behaviour. *Nat Genet.* 2010; May 42 (5): 441–447.
- Townee JC. Effect of Ethanol and Acetaldehyde on Liver and Brain Monoamine Oxidase. *Nature* 1964; 201:709-10.
- Trigo JM, Zimmer A, Maldonado R. Nicotine anxiogenic and rewarding effects are decreased in mice lacking beta-endorphin. *Neuropharmacology* 2009; 56:1147-53.
- Turner L, Mermelstein R, Flay B. Individual and contextual influences on adolescent smoking. *Ann. N.Y. Acad. Sci.* 2004; 1021: 175-197.
- Tyndale RF. Genetics of alcohol and tobacco use in humans. *Ann Med* 2003; 35:94-121.

- Uelbelhack R, Franke L, Schewe HJ. Inhibition of platelet MAOB by kavapyrone-enriched extract from Piper Methysticum Foster (kava-kava). *Pharmacopsychiatry* 1998; 31:187-92.
- US Department of Agriculture. Tobacco, Background, Washington DC, Economic Research Service, Briefing Room; 2001. (Accessed 6 July 2010). Available from: URL:<http://www.ers.usda.gov/Briefing/Archive/Tobacco/>
- US Patent 5684241. Purified tobacco protein involved in nicotine synthesis, DNA encoding, and use of sense and antisense DNAs corresponding thereto to affect nicotine content in tobacco plants Issued on 1997; November 4. (Accessed 23 June 2010). Available from: URL:<http://www.patentstorm.us/patents/5684241/fulltext.html>
- Vagg R, Chapman S. Nicotine analogues: A review of tobacco industry research interests. *Addiction* 2005; 100:701-2.
- Valette H, Bottlaender M, Dollé F, Coulon C, Ottaviani M, Syrota A. Acute inhibition of cardiac monoamine oxidase A after tobacco smoke inhalation: validation study of [<sup>11</sup>C]befloxatone in rats followed by a positron emission tomography application in baboons. *J Pharmacol Exp Ther* 2005; 314: 431-6.
- Van Amsterdam J et al. Influence of ammonia in cigarette tobacco on nicotine absorption in human smokers. (manuscript to be submitted)
- Van Amsterdam J, Talhout R, Vleeming W, Opperhuizen A. Contributing of monoamine oxidase (MAO) inhibition to tobacco and alcohol addiction. *Life Sciences* 2006; 79 : 1969-1973.
- Vanderschuren LJ, Everitt BJ. Drug seeking becomes compulsive after prolonged cocaine self-administration. *Science* 2004; 305:1017-9.
- Vanscheeuwijck PM, Teredesai A, Terpstra PM, Verbeeck J, Kuhl P, Gerstenberg B, Gebel S, Carmines EL (2002). Evaluation of the potential effects of ingredients added to cigarettes. Part 4: subchronic inhalation toxicity. *Food and Chemical Toxicology* 2002; 40: 113-131.
- Van Raaij W, Commentary Call for Information on methods applicable for assessment of "attractiveness". Tilburg University, NL. 2010.
- Vezina P, Blanc G, Glowinski J, Tassin JP. Nicotine and morphine differentially activate brain dopamine in prefrontocortical and subcortical terminal fields: effects of acute and repeated injections. *J Pharmacol Exp Ther* 1992; 261:484-90.
- Victoria State [Australia], Department of Human Services. Government to butt out fruit flavoured cigarettes. 2010; May 31. <http://hnb.dhs.vic.gov.au/web/pubaff/medrel.nsf/LinkView/2F57704743D9983FCA257734002238A5?OpenDocument>
- Villégier AS, Blanc G, Glowinski J, Tassin JP. Transient behavioral sensitization to nicotine becomes long-lasting with monoamine oxidases inhibitors. *Pharmacol Biochem Behav* 2003; 76:267-74.
- Villégier AS, Salomon L, Granon S, Changeux JP, Belluzzi JD, Leslie FM, et al. Monoamine oxidase inhibitors allow locomotor and rewarding responses to nicotine. *Neuropsychopharmacology* 2006a; 31:1704-13.



- Villégier AS, Salomon L, Blanc G, Godeheu G, Glowinski J, Tassin JP. Irreversible blockade of monoamine oxidases reveals the critical role of 5-HT transmission in locomotor response induced by nicotine in mice. *Eur J Neurosci* 2006b; 24:1359-65.
- Villégier AS, Lotfipour S, McQuown SC, Belluzzi JD, Leslie FM. Tranylcypromine enhancement of nicotine self-administration. *Neuropharmacology* 2007; 52:1415-25.
- Volkow N, Li T. The neuroscience of addiction. *Nat Neurosci* 2005; 8:1429-30.
- Vora PS. Characteristics and applications of licorice products in Tobacco Industry. Tobacco Industry: Documents MacAndrews & Forbes Company; Bates Number: 504426317-6349, 1983. (Accessed 6 July 2010). Available from: URL:[http://tobaccodocuments.org/rjr/504426317-6348\\_D1.html](http://tobaccodocuments.org/rjr/504426317-6348_D1.html)
- Walsh H, Govind AP, Mastro R, Hoda JC, Bertrand D, Vallejo Y. Up-regulation of nicotinic receptors by nicotine varies with receptor subtype. *J Biol Chem* 2008; 283:6022-32.
- Walters CL, Brown S, Changeux JP, Martin B, Damaj MI. The beta2 but not alpha7 subunit of the nicotinic acetylcholine receptor is required for nicotine-conditioned place preference in mice. *Psychopharmacology (Berl)* 2006; 184:339-44.
- Wang J, Roethig HJ, Appleton S, Werley M, Muhammad-Kah R, Mendes P. The effect of menthol containing cigarettes on adult smokers' exposure to nicotine and carbon monoxide. *Regul Toxicol Pharmacol* 2010; 57: 24-30. Journal homepage: [www.elsevier.com/locate/yrtph](http://www.elsevier.com/locate/yrtph)
- Ward B, ERS. - European Respiratory Society response to the European Commission and SCENIHR consultation on the Addictiveness and Attractiveness of Tobacco Additives, 2010.
- Watkins SS, Koob GF, Markou A, 2002. Review Article. Neural mechanisms underlying nicotine addiction: acute positive reinforcement and withdrawal. *Nicotine & Tobacco Research* 2000; 2: 19-37.
- Watkins SS, Stinus L, Koob GF, Markou A. Reward and somatic changes during precipitated nicotine withdrawal in rats: centrally and peripherally mediated effects. *J Pharmacol Exp Ther* 2000; 292:1053-64.
- Wayne G, Connolly G. How cigarette design can affect youth initiation into smoking: Camel cigarettes 1983-93. *Tob Control* 2002; 11(Suppl 1):i32-39.
- Wayne G, Connolly G. Application, function, and effects of menthol in cigarettes: A survey of tobacco industry documents. *Nicotine Tob Res* 2004; 6(Suppl 1):S43-54.
- Wayne G, Connolly G, Henningfield J. Brand differences of free-base nicotine delivery in cigarette smoke: The view of the tobacco industry documents. *Tob Control* 2006; 13:362-9.
- Wayne G, Connolly G, Henningfield J, Farone W. Tobacco industry research and efforts to manipulate smoke particle size: Implications for product regulation. *Nicotine Tob Res* 2008a; 10:613-25.
- Wayne G, Henningfield J, Pinney Associates. Tobacco Product Attractiveness as a Contributor to Tobacco Addiction and Disease. 2008, Tobacco Attractiveness Report to Health Canada by Harvard School of Public Health. 2008b; 1-37.

- Wayne GF, Connolly G. Regulatory assessment of brand changes in the commercial tobacco product market. *Tob. Control* published online 14 Jun 2009; doi:10.1136/tc.2009.030502
- Wayne GF, Carpenter CM. Tobacco industry manipulation of nicotine dosing. *Handb Exp Pharmacol* 2009; 192:457-85.
- Weeks WW. Relationship between leaf chemistry and organoleptic properties of tobacco smoke. In *Tobacco: Production, Chemistry and Technology*. 1999; No. 304-12.
- Werley MS, Coggins CR, Lee PN. Possible effects on smokers of cigarette mentholation: a review of the evidence relating to key research questions. *Regul Toxicol Pharmacol*. 2007; 47:189-203.
- Wewers ME, Dhatt RK, Snively TA, Tejwani GA. The effect of chronic administration of nicotine on antinociception, opioid receptor binding and met-enkephalin levels in rats. *Brain Res* 1999; 822:107-13.
- Whincup PH, Gilg JA, Emberson JR, Jarvis MJ, Feyerabend C, Bryant A, et al. Passive smoking and risk of coronary heart disease and stroke: prospective study with cotinine measurement. *BMJ* 2004; 329:200-5.
- WHO Framework Convention on Tobacco Control, Conference of the Parties. Guidelines for Implementation of Article 13 of the WHO Framework Convention on Tobacco Control (Tobacco advertising, promotion and sponsorship). 2008; November 22. Available from: URL: [http://www.who.int/fctc/guidelines/article\\_13/en/index.html](http://www.who.int/fctc/guidelines/article_13/en/index.html)
- WHO TobReg - World Health Organization Study Group on Tobacco Product Regulation. Waterpipe tobacco smoking: Health Effects, Research Needs and Recommended Actions by Regulators. 2005; Available from: URL: [http://www.who.int/tobacco/global\\_interaction/tobreg/Waterpipe%20recommenda tion Final.pdf](http://www.who.int/tobacco/global_interaction/tobreg/Waterpipe%20recommenda tion Final.pdf)
- WHO. Expert Committee on drug dependence. Geneva: World Health Organization. Thirty-third report; WHO Technical Report Series 2003; No. 915.
- WHO. Monograph: advancing knowledge on regulating tobacco products. Geneva, World Health Organization; 2001. (Accessed 23 June 2010). Available from: URL: <http://www.who.int/tobacco/media/en/OsloMonograph.pdf>
- WHO. Report on the global tobacco epidemic: the MPOWER package. Geneva, World Health Organization. 2008.
- WHO. Report on the global tobacco epidemic. Implementing smoke-free environments. Geneva: World Health Organization. 2009. Available from: URL: [http://whqlibdoc.who.int/publications/2009/9789241563918\\_eng\\_full.pdf](http://whqlibdoc.who.int/publications/2009/9789241563918_eng_full.pdf)
- WHO. The European tobacco control report; 2007a. Geneva, World Health Organization; 2001. (Accessed 6 July 2010). Available from: URL: [http://www.euro.who.int/data/assets/pdf\\_file/0005/68117/E89842.pdf](http://www.euro.who.int/data/assets/pdf_file/0005/68117/E89842.pdf)
- WHO. The ICD-10 classification of mental and behavioural disorders: clinical descriptions and diagnostic guidelines. Geneva: World Health Organization; 1992.
- WHO. The scientific basis of tobacco product regulation: Report of a WHO Study Group. WHO Technical Report Series 945. (Accessed 23 June 2010). Available from: URL: [http://www.who.int/tobacco/global\\_interaction/tobreg/9789241209458.pdf](http://www.who.int/tobacco/global_interaction/tobreg/9789241209458.pdf)

- WHO - World Health Organization, IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 83, Tobacco Smoke and Involuntary Smoking. World Health Organization International Agency for Research on Cancer, France. 2004.
- Wiesbeck GA, Wodarz N, Weijers H-G, Dürsteler-MacFarland KM, Wurst F-M, Walter M, Boening J ((2006). A functional polymorphism in the promoter region of the monoamine oxidase A gene is associated with the cigarette smoking quantity in alcohol-dependent heavy smokers. *Neuropsychobiology* 2006; 53:181-185
- Wigand JS. Additives, cigarette design and tobacco product regulation. A Report to WHO; 2006. (Accessed 23 June 2010). Available from: URL: <http://www.jeffreywigand.com/WHOFinal.pdf>
- Willems EW, Rambali B, Vleeming W, Opperhuizen A, van Amsterdam JG. Significance of ammonium compounds on nicotine exposure to cigarette smokers. *Food Chem Toxicol* 2006; 44:678-88.
- Williams CH, Lawson J, Backwell FR. Inhibition and inactivation of monoamine oxidase by 3-amino-1-phenyl-prop-1-enes. *Biochim Biophys Acta* 1992; 1119:111-7.
- Williams DI, Lowe G. Light reinforcement in the rat: the effects of continuous and discontinuous periods of apparatus familiarization. *Quarterly Journal of Experimental Psychology* 1972; 24: 98-101
- Wise RA. Neurobiology of addiction. *Curr Opin Neurobiol* 1996; 6:243-51.
- Wolfe FA. Aromatic or Oriental tobacco. Durham, NC: Duke University Press; 1962.
- Wood PL, Khan MA, Moskal JR, Todd KG, Tanay VA, Baker G. Aldehyde load in ischemia-reperfusion brain injury: neuroprotection by neutralization of reactive aldehydes with phenelzine. *Brain Res* 2006; 1122:184-90.
- Xiu X, Pusker NL, Shanata JA, Lester HA, Dougherty DA. Nicotine binding to brain receptors requires a strong cation- $\pi$  interaction. *Nature* 2009; 458:534-8.
- Yokoyama A, Tsutsumi E, Imazeki H, Suwa Y, Nakamura C, Mizukami T, Yokoyama T. Salivary acetaldehyde concentration according to alcoholic beverage consumed and aldehyde dehydrogenase-2 genotype. *Alcohol Clin Exp Res* 2008; Vol 32, No 9, 2008: pp 1607-1614.
- Yu PH, Boulton AA. Irreversible inhibition of monoamine oxidase by some components of cigarette smoke. *Life Sciences* 1987; Vol. 41, pp. 675-682.
- Yuan CS, Mehendale S, Xiao Y, Aung HH, Xie JT, Ang-Lee MK. The gamma-aminobutyric acidergic effects of valerian and valerenic acid on rat brainstem neuronal activity. *Anesth Analg* 2004; 98:353-8.
- Zarrindast MR, Khoshayand MR, Shafaghi B. The development of cross-tolerance between morphine and nicotine in mice. *Eur Neuropsychopharmacol* 1999; 9:227-33.
- Zatonski W, editor. Closing the health gap in the European Union. The HEM project team. 2008. (Accessed 23 June 2010). Available from: URL: [www.hem.waw.pl/](http://www.hem.waw.pl/)
- Zatoński W, Mańczuk M., Sulkowska U. HEM project team. Closing the Gap, Cancer Epidemiology and Prevention Division, Maria Skłodowska-Curie Memorial Cancer Center and Institute of Oncology. 2006. URL: [www.hem.waw.pl](http://www.hem.waw.pl)

- Zeller M, Shiffman S. Commentary on Hatsukami et al. Building the science base for tobacco product regulation—nicotine reduction. © 2010 The Authors. Journal compilation © 2010 Society for the Study of Addiction. *Addiction*, 2010; 105, 356–357.
- Zhang W, Kilicarslan T, Tyndale RF, Sellers EM. Evaluation of methoxsalen, tranylcyromine and tryptamine as specific and selective CYP2A6 inhibitors in vitro. *Drug Metabolism and Disposition* 2001; Vol. 26; No. 6, pp 897-902.
- Zirkle CL, Kaiser C. Monoamine oxidase inhibitors (non-hydrazines). In: Gordon M, editor. *Psychopharmacological agents*. Vol I. New York: Academic Press 1964; p.474-5.