



2018

Thirdhand Smoke Bibliography



2530 San Pablo Avenue, Suite J
Berkeley, CA 94702 ph: 510.841.3032
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Thirdhand Smoke

Research Bibliography

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Chen, Y.; Adhami, N.; Martins-Green, M., "[Biological markers of harm can be detected in mice exposed for two months to low doses of third hand smoke under conditions that mimic human exposure](#)," *Food and Chemical Toxicology* 122: 95-103, December 2018.

Díez-Izquierdo, A.; Cassanello-Peñarroya, P.; Lidón-Moyano, C.; Matilla-Santander, N.; Balaguer, A.; Martínez-Sánchez, J.M., "[Update on thirdhand smoke: a comprehensive systematic review](#)," *Environmental Research* 167: 341-371, November 2018.

Whitlatch, A.; Schick, S., "[Thirdhand smoke at Philip Morris](#)," *Nicotine and Tobacco Research* [Epub ahead of print]. July 20, 2018.

Hang, B.; Mao, J.; Snijders, A.M., "[Genetic susceptibility to thirdhand smoke induced lung cancer development](#)," *Nicotine and Tobacco Research* [Epub ahead of print], June 16, 2018.

DeCarlo, P.F.; Avery, A.M.; Waring, M.S., "[Thirdhand smoke uptake to aerosol particles in the indoor environment](#)," *Science Advances* 4(5): eaap8368, May 9, 2018.

Yu, M.; Mukai, K.; Tsai, M.; Galli, S.J., "[Thirdhand smoke component can exacerbate a mouse asthma model via mast](#)

[cells](#)," *Journal of Allergy and Clinical Immunology* [Epub ahead of print], April 17, 2018.

Mahabee-Gittens, E.M.; Merianos, A.L.; Matt, G.E., "[Preliminary evidence that high levels of nicotine on children's hands may contribute to overall tobacco smoke exposure](#)," *Tobacco Control* 27(2):217-219, March 2018.

Hang, B.; Wang, Y.; Huang, Y.; Wang, P.; Langley, S.A.; Bi, L.; Sarker, A.H.; Schick, S.F.; Havel, C.; Jacob, III, P.; Benowitz, N.; Destailats, H.; Tang, X.; Xia, Y.; Jen, K.Y.; Gundel, L.A.; Mao, J.H.; Snijders, A., "[Short-term early exposure to thirdhand cigarette smoke increases lung cancer incidence in mice](#)," *Clinical Science* 132(4): 475-488, February 28, 2018.

Matt, G.E.; Quintana, P.J.E.; Hoh, E.; Zakarian, J.M.; Chowdhury, Z.; Hovell, M.F.; Jacob, P.; Watanabe, K.; Theweney, T.S.; Flores, V.; Nguyen, A.; Dhaliwal, N.; Hayward, G., "[A casino goes smoke free: a longitudinal study of secondhand and thirdhand smoke pollution and exposure](#)," *Tobacco Control* [Epub ahead of print], February 8, 2018.

Figueiró, L.R.; Linden, R.; Ziulkoski, A.L.; Dantas, D.C.M., "[Cellular effects of thirdhand tobacco smoke from smokers' homes](#)," *Toxicology Mechanisms and Methods* [Epub ahead of print], December 7, 2017.

Drehmer, J.E.; Walters, B.H.; Nabi-Burza, E.; Winickoff, J.P., "[Guidance for the clinical management of thirdhand smoke exposure in the child health care setting](#)," *Journal of Clinical Outcomes Management* 24(12):551-559, December 2017.

Liu, J.; Liang, Q.; Oldham, M.J.; Rostami, A.A.; Wagner, K.A.; Gillman, I.G.; Patel, P.; Savioz, R.; Sarkar, M., "[Determination of selected chemical levels in room air and on surfaces after the use of cartridge- and tank-based e-vapor products or conventional](#)

[cigarettes](#)," *International Journal of Environmental Research and Public Health* 14(9): E969, September 2017.

Hang, B.; Wang, P.; Zhao, Y.; Sarker, A.; Chenna, A.; Xia, Y.; Snijders, A.M.; Mao, J.H., "[Adverse health effects of thirdhand smoke: from cell to animal models](#)," *International Journal of Molecular Sciences* 18(5): 932, April 28, 2017.

Hang, B.; Snijders, A.M.; Huang, Y.; Schick, S.F.; Wang, P.; Xia, Y.; Havel, C.; Jacob, III, P.; Benowitz, N.; Destailats, H.; Gundel, L.A.; Mao, J.H., "[Early exposure to thirdhand cigarette smoke affects body mass and the development of immunity in mice](#)," *Scientific Reports*[Epub ahead of print], February 3, 2017.

Roberts, C.; Wagler, G.; Carr, M.M., "[Environmental tobacco smoke: public perception of risks of exposing children to second- and third-hand tobacco smoke](#)," *Journal of Pediatric Health Care* 31(1): e7-e13, January-February 2017.

Haardörfer, R.; Berg, C.J.; Escoffery, C.; Bundy, ?.T.; Hovell, M.; Kegler, M.C., "[Development of a scale assessing Beliefs About ThirdHand Smoke \(BATHS\)](#)," *Tobacco Induced Diseases* 15: 4, January 17, 2017.

Delgado-Rendon A.; Cruz, T.B.; Soto, D.; Baezconde-Garbanati, L.; Unger, J.B., "[Second and thirdhand smoke exposure, attitudes and protective practices: results from a survey of hispanic residents in multi-unit housing](#)," *Journal of Immigrant and Minority Health* [Epub ahead of print], January 10, 2017.

Figueiró, L.R.; Ziulkoski, A.L.; Dantas, D.C., "[Thirdhand smoke: when the danger is more than you can see or smell](#)," *Cad Saude Publica*. 32(11): e00032216, December 1, 2016.

Jacob, III, P.; Benowitz, N.L.; Destailats, H.; Gundel, L.; Hang, B.; Martins-Green, M.; Matt, G.E.; Quintana, P.J.; Samet, J.M.; Schick, S.F.; Talbot, P.; Aquilina, N.J.; Hovell, M.F.; Mao, J.H.; Whitehead, T.P., "[Thirdhand smoke: new evidence, challenges](#),"

[and future directions](#)," *Chemical Research in Toxicology* [Epub ahead of print], November 30, 2016.

Leung, L.T.; Ho, S.Y.; Wang, M.P.; Lam, T.H., "[Secondhand smoke from multiple sources, thirdhand smoke and respiratory symptoms in Hong Kong adolescents](#)," *Nicotine and Tobacco Research* [Epub ahead of print], November 2, 2016.

Northrup, T.F.; Khan, A.M.; Jacob, III, P.; Benowitz, N.L.; Hoh, E.; Hovell, M.F.; Matt, G.E.; Stotts, A.L., "[Thirdhand smoke contamination in hospital settings: assessing exposure risk for vulnerable paediatric patients](#)," *Tobacco Control* 25(6): 619-623, November 2016.

Matt, G.E.; Quintana, P.; Zakarian, J.M.; Hoh, E.; Hovell, M.F.; Mahabee-Gittens, M.; Watanabe, K.; Datuin, K.; Vue, C.; Chatfield, D.A., "[When smokers quit: exposure to nicotine and carcinogens persists from thirdhand smoke pollution](#)," *Tobacco Control* [Epub ahead of print], September 21, 2016.

Dhall, S.; Alamat, R.; Castro, A.; Sarker, A.H.; Mao, J.H.; Chan, A.; Hang, B.; Martins-Green, M., "[Tobacco toxins deposited on surfaces \(third hand smoke\) impair wound healing](#)," *Clinical Science* 130(14): 1269-1284, June 13, 2016.

Figueiró, L.R.; Dantas, D.C.; Linden, R.; Ziulkoski, A.L., "[Thirdhand tobacco smoke: procedures to evaluate cytotoxicity in cell cultures](#)," *Toxicology Mechanisms and Methods* [Epub ahead of print], June 7, 2016.

Bahl, V.; Johnson, K.; Phandthong, R.; Zahedi, A.; Schick, S.F.; Talbot, P., "[Thirdhand cigarette smoke causes stress-induced mitochondrial hyperfusion and alters the transcriptional profile of stem cells](#)," *Toxicological Sciences* [Epub ahead of print], June 2, 2016.

Darlow, S.D.; Heckman, C.J.; Munshi, T.; Collins, B.N., "[Thirdhand smoke beliefs and behaviors among healthcare](#)

[professionals](#)," *Psychology, Health & Medicine* [Epub ahead of print], May 2016.

Xu, B.; Chen, M.; Yao, M.; Ji, X.; Mao, Z.; Tang, W.; Qiao, S.; Schick, S.F.; Mao, J.; Hang, B.; Xia, Y., "[Corrigendum: metabolomics reveals metabolic changes in male reproductive cells exposed to thirdhand smoke](#)," *Scientific Reports* 5: 15512, April 13, 2016.

Northrup, T.F.;, Jacob, III, P.; Benowitz, N.L.;, Hoh, E.; Quintana, P.J.; Hovell, M.F.; Matt, G.E.; Stotts, A.L., "[Thirdhand smoke: state of the science and a call for policy expansion](#)," *Public Health Reports* 131(2): 233-238, March-April 2016. **Abstract unavailable.**

Adhami, N.; Starck, S.R.; Flores, C.; Martins Green, M., "[A health threat to bystanders living in the homes of smokers: how smoke toxins deposited on surfaces can cause insulin resistance](#)," *PLOS One*, March 2, 2016.

Ganjre, A.P.; Sarode, G.S., "[Third hand smoke--a hidden demon](#)," *Oral Oncology* 54: e3-4, March 2016.

Bahl, V.; Weng, N.J.; Schick, S.F.; Sleiman, M.; Whitehead, J.; Ibarra, A.; Talbot, P., "[Cytotoxicity of thirdhand smoke and identification of acrolein as a volatile thirdhand smoke chemical that inhibits cell proliferation](#)," *Toxicological Sciences* [Epub ahead of print], December 29, 2015.

Bahl, V.; Shim, H.J.; Jacob, III., P.; Dias, K.; Schick, S.F.; Talbot, P., "[Thirdhand smoke: chemical dynamics, cytotoxicity, and genotoxicity in outdoor and indoor environments](#)," *Toxicology in Vitro* [Epub ahead of print], December 10, 2015.

Rendon, A.D.; Unger, J.B.; Cruz, T.; Soto, D.W.; Baezconde-Garbanati, L., "[Perceptions of secondhand and thirdhand smoke among Hispanic residents of multiunit housing](#)," *Journal of*

Immigrant and Minority Health [Epub ahead of print], November 6, 2015.

Acuff, L.; Fristoe, K.; Hamblen, J.; Smith, M.; Chen, J., "[Third-hand smoke: old smoke, new concerns](#)," *Journal of Community Health*[Epub ahead of print], October 29, 2015.

Samet, J.M.; Chanson, D.; Wipfli, H., "[The challenges of limiting exposure to ths in vulnerable populations](#)," *Current Environmental Health Reports* 2(3): 215-225, September 2015.

Northrup, T. F., Matt, G. E., Hovell, M. F., Khan, A. M., Stotts, A.L., "[Thirdhand smoke in the homes of medically fragile children: assessing the impact of indoor smoking levels and smoking bans](#)," *Health Nicotine & Tobacco* [Epub ahead of print], August 26, 2015.

Karim, Z.A.; Alshbool, F.Z.; Vemana, H.P.; Adhami, N.; Dhall, S.; Espinosa, E.V.; Martins-Green, M.; Khasawneh, F.T., "[Third-hand smoke: impact on hemostasis and thrombogenesis](#)," *Journal of Cardiovascular Pharmacology* 66(2): 177-182, August 2015.

Santos E Silva, S.I.; Bowdler, P.; Giltrow, D.; Riddell, S.; Honeychurch, K.C., "[A simple and rapid method for the determination of nicotine in third-hand smoke by liquid chromatography and its application for the assessment of contaminated outdoor communal areas](#)," *Drug Testing and Analysis*[Epub ahead of print], June 8, 2015.

Bush, D.; Goniewicz, M.L., "[A pilot study on in houses of electronic cigarette users, tobacco smokers, and non-users of nicotine-containing products](#)," *International Journal on Drug Policy* 26(6): 609-611, June 2015.

Ramirez, N.; Ozel, M.Z.; Lewis, A.C.; Marce, R.M.; Borrull, F.; Hamilton, J.F., "[Exposure to nitrosamines in thirdhand tobacco smoke increases cancer risk in non-smokers](#)," *Environment International* 71: 139-147, October 2014.

Kassem, N.O.F.; Daffa, R.M.; Liles, S.; Jackson, S.R.; Kassem, N.O.; Younis, M.A.; Mehta, S.; Chen, M.; Jacob III, P.; Carmella, S.G.; Chatfield, D.A.; Benowitz, N.L.; Matt, G.E.; Hecht, S.S.; Hovell, M.F., "[Children's exposure to secondhand and thirdhand smoke carcinogens and toxicants in homes of hookah smokers](#)," *Nicotine and Tobacco Research* 16(7): 961-975, July 2014.

Semple, S.; Latif, N., "[How long does secondhand smoke remain in household air: analysis of PM2.5 data from smokers' homes](#)," *Nicotine and Tobacco Research* [Epub ahead of print], June 5, 2014.

Matt, G.E.; Quintana, P.J.E.; Fortmann, A.L.; Zakarian, J.M.; Galaviz, V.E.; Chatfield, D.A.; Hoh, E.; Hovell, M.F.; Winston, C., "[Thirdhand smoke and exposure in California hotels: non-smoking rooms fail to protect non-smoking hotel guests from tobacco smoke exposure](#)," *Tobacco Control* 23(3): 264-272, May 2014.

Schick, S.F.; Farraro, K.F.; Perrino, C.; Sleiman, M.; van de Vossenberg, G.; Trinh, M.P.; Hammond, S.K.; Jenkins, B.M.; Balmes, J., "[Thirdhand cigarette smoke in an experimental chamber: evidence of surface deposition of nicotine, nitrosamines and polycyclic aromatic hydrocarbons and de novo formation of NNK](#)," *Tobacco Control* 23(3): 152-159, May 2014.

Drehmer, J.E.; Ossip, D.J.; Nabi-Burza, E.; Rigotti, N.A.; Hipple, B.; Woo, H.; Chang, Y.; Winickoff, J.P., "[Thirdhand smoke beliefs of parents](#)," *Pediatrics* [Epub ahead of print], March 3, 2014.

Martins-Green, M.; Adhami, N.; Frankos, M.; Valdez, M.; Goodwin, B.; Lyubovitsky, J.; Dhall, S.; Garcia, M.; Egiebor, I.; Martinez, B.; Green, H.W.; Havel, C.; Yu, L.; Curras-Collazo, M., "[Cigarette smoke toxins deposited on surfaces: implications for human health](#)," *PLOS ONE*, January 29, 2014

Thomas, J.L.; Hecht, S.S.; Luo, X.; Ming, X.; Ahluwalia, J.S.; Carmella, S.G., "[Thirdhand tobacco smoke: a tobacco-specific lung carcinogen on surfaces in smokers' homes](#)," *Nicotine and Tobacco Research* 16(1): 26-32, January 2014.

Whitehead, T.P.; Metayer, C.; Park, J.S.; Does, M.; Buffler, P.A.; Rappaport, S.M., "[Levels of nicotine in dust from homes of smokeless tobacco users](#)," *Nicotine and Tobacco Research* 15(12): 2045-2052, December 2013.

Schick, S.F.; Farraro, K.F.; Perrino, C.; Sleiman, M.; van de Vossenberg, G.; Trinh, M.P.; Hammond, S.K.; Jenkins, B.M.; Balmes, J., "[Thirdhand cigarette smoke in an experimental chamber: evidence of surface deposition of nicotine, nitrosamines and polycyclic aromatic hydrocarbons and de novo formation of NNK](#)," *Tobacco Control* [Epub ahead of print], May 28, 2013.

Escoffery, C.; Bundy, L.; Carvalho, M.; Yembra, D.; Haardorfer, R.; Berg, C.; Kegler, M.C., "[Third-hand smoke as a potential intervention message for promoting smoke-free homes in low-income communities](#)," *Health Education Research* [Epub ahead of print], May 13, 2013.

Matt, G.E.; Fortmann, A.L.; Quintana, P.J.E.; Zakarian, J.M.; Romero, R.A.; Chatfield, D.A.; Hoh, E.; Hovell, M.F., "[Towards smoke-free rental cars: an evaluation of voluntary smoking restrictions in California](#)," *Tobacco Control* 22(3): 201-207, May 2013.

Hang, B.; Sarker, A.H.; Havel, C.; Saha, S.; Hazra, T.K.; Schick, S.; Jacob, P.; Rehan, V.K.; Chenna, A.; Sharan, D.; Sleiman, M.; Destailats, H.; Gundel, L.A., "[Thirdhand smoke causes DNA damage in human cells](#)," *Mutagenesis* [Epub ahead of print], March 5, 2013.

Quintana, P.J.; Matt, G.E.; Chatfield, D.; Zakarian, J.M.; Fortmann, A.L.; Hoh, E., "[Wipe sampling for nicotine as a marker of thirdhand tobacco smoke contamination on surfaces in homes](#),"

[cars, and hotels](#)," *Nicotine and Tobacco Research* [Epub ahead of print], March 4, 2013.

Ferrante, G.; Simoni, M.; Cibella, F.; Ferrara, F.; Liotta, G.; Malizia, V.; Corsello, G.; Viegi, G.; La Grutta, S., "[Third-hand smoke exposure and health hazards in children](#)," *Monaldi Arch Chest Dis*.79(1): 38-43, March 2013.

Drehmer, J.E.; Ossip, D.J.; Rigotti, N.A.; Nabi-Burza, E.; Woo, H.; Wasserman, R.C.; Chang, Y.; Winickoff, J.P., "[Pediatrician interventions and thirdhand smoke beliefs of parents](#)," *American Journal of Preventive Medicine* 43(5): 533-536, November 2012.

Hood, N.E.; Ferketich, A.K.; Klein, E.G.; Pirie, P.; Wewers, M.E., "[Associations between self-reported in-home smoking behaviours and surface nicotine concentrations in multiunit subsidised housing](#)," *Tobacco Control* [Epub ahead of print], October 23, 2012.

Fleming, T.; Anderson, C.; Amin, S.; Ashley, J., "[Third-hand tobacco smoke: significant vector for PAH exposure or non-issue?](#)", *Integrated Environmental Assessment and Management* 8(4): 763-764, October 2012.

Hoh, E.; Hunt, R.N.; Quintana, P.J.E.; Zakarian, J.M.; Chatfield, D.A.; Wittry, B.C.; Rodriguez, E.; Matt, G.E., "[Environmental tobacco smoke as a source of polycyclic aromatic hydrocarbons in settled household dust](#)," *Environmental Science & Technology*46(3): 4174 - 4183, April 3, 2012.

Matt, G.E.; Fortmann, A.L.; Quintana, P.J.; Zakarian, J.M.; Romero, R.A.; Chatfield, D.A.; Hoh, E.; Hovell, M.F., "[Towards smoke-free rental cars: an evaluation of voluntary smoking restrictions in California](#)," *Tobacco Control* [Epub ahead of print], February 15, 2012.


Jung, J.W.; Ju, Y.S.; Kang, H.R., "[Association between parental smoking behavior and children's respiratory morbidity: 5-year study in an urban city of South Korea](#)," *Pediatric Pulmonology* [Epub ahead of print], October 17, 2011.

Tillett, T., "[Thirdhand smoke in review: research needs and recommendations](#)," *Environmental Health Perspectives* 11(9): A399, September 2011.

Matt, G.E.; Quintana, P.J.E.; Destailats, H.; Gundel, L.A.; Sleiman, M.; Singer, B.C.; Jacob III, P.; Benowitz, N.; Winickoff, J.P.; Rehan, V.; Samet, J.; Wang, Y.; Hang, B.; Martins-Green, M.; Pankow, F.J.; Hovell, M.F.; Talbot, P.; Schick, S., "[Thirdhand tobacco smoke: emerging evidence and arguments for a multidisciplinary research agenda](#)," *Environmental Health Perspectives* [Epub ahead of print], May 31, 2011.

Rehan, V.K.; Sakurai, R.; Torday, J.S., "[Thirdhand smoke: a new dimension to the effects of cigarette smoke on the developing lung](#)," *American Journal of Physiology Lung Cellular and Molecular Physiology* [Epub ahead of print], April 8, 2011.

Thomas, J.L.; Guo, H.; Carmella, S.G.; Balbo, S.; Han, S.; Davis, A.; Yoder, A.; Murphy, S.E.; An, L.C.; Ahluwalia, J.S.; Hecht, S.S., "[Metabolites of a tobacco-specific lung carcinogen in children exposed to secondhand or thirdhand tobacco smoke in their homes](#)," *Cancer, Epidemiology, Biomarkers & Prevention* [Epub ahead of print], April 5, 2011.

 Burton, A., "[Does the smoke ever really clear? Thirdhand smoke exposure raises new concerns](#)," *Environmental Health Perspectives* 119(2): a70-a74, February 1, 2011.

Schick, S., "[Thirdhand smoke: here to stay](#)," *Tobacco Control* 20(1): 1-3, January 2011.

Matt, G.; Quintana, P.J.E.; Zakarian, J.M.; Fortmann, A.L.; Chatfield, D.A.; Hoh, E.; Uribe, A.M.; Hovell, M.F., "[When](#)

[smokers move out and non-smokers move in: residential thirdhand smoke pollution and exposure](#)," *Tobacco Control* 20(1): e1, January 2011.

Kuschner, W.G.; Reddy, S.; Mehrotra, N.; Paintal, H.S., "[Electronic cigarettes and thirdhand tobacco smoke: two emerging health care challenges for the primary care provider](#)," *International Journal of General Medicine* 4: 115-120, 2011.

Petrick, L.M.; Svidovsky, A.; Dubowski, Y., "[Thirdhand smoke: heterogeneous oxidation of nicotine and secondary aerosol formation in the indoor environment](#)," *Environmental Science & Technology* 45 (1): 328-333, 2011.

Fortmann, A.L.; Romero, R.A.; Sklar, M.; Pham, V.; Zakarian, J.; Quintada, P.J.E.; Chatfield, D.; Matt, G.E., "[Residual tobacco smoke in used cars: futile efforts and persistent pollutants](#)," *Nicotine and Tobacco Research* [Epub ahead of print], August 30, 2010.

Becquemin, M.H.; Bertholon, J.F.; Bentayeb, M.; Attoui, M.; Ledur, D.; Roy, F.; Roy, M.; Annesi-Maesano, I.; Dautzenberg, B., "[Third-hand smoking: indoor measurements of concentration and sizes of cigarette smoke particles after resuspension](#)," *Tobacco Control* 19(4): 347-348, August 2010.

Tuma, R.S., "[Thirdhand smoke: studies multiply, catchy name raises awareness](#)," *Journal of the National Cancer Institute* [Epub ahead of print], July 8, 2010.

Dreyfuss, J.H., "[Thirdhand smoke identified as potent, enduring carcinogen](#)," *CA: A Cancer Journal for Clinicians* [Epub ahead of print], June 8, 2010.

Becquemin, M.H.; Bertholon, J.F.; Bentayeb, M.; Attoui, M.; Ledur, D.; Roy, F.; Roy, M.; Annesi-Maesano, I.; Dautzenberg, B., "[Third-hand smoking: indoor measurements of concentration](#)

[and sizes of cigarette smoke particles after resuspension](#)," *Tobacco Control*[Epub ahead of print], June 7, 2010.

Ueta, I.; Saito, Y.; Teraoka, K.; Miura, T.; Jinno, K., "[Determination of volatile organic compounds for a systematic evaluation of third-hand smoking](#)," *Analytical Sciences* 26(5): 569-574, May 2010.

Sleiman, M.; Gundel, L.A.; Pankow, J.F.; Jacob III, P.; Singer, B.C.; Destailats, H., "[Formation of carcinogens indoors by surface-mediated reactions of nicotine with nitrous acid, leading to potential thirdhand smoke hazards](#)," *Proceedings of the National Academy of Sciences* [Epub ahead of print], February 8, 2010.

Winickoff, J.P.; Friebely, J.; Tanski, S.E.; Sherrod, C.; Matt, G.E.; Hovell, M.F.; McMillen, R.C., PhD., "[Beliefs about the health effects of 'thirdhand' smoke and home smoking bans](#)," *Pediatrics* 123(1), January 2009.


Matt, G.E.; Quintana, P.J.; Hovell, M.F.; Chatfield, D.; Ma, D.S.; Romero, R.; Uribe, A., "[Residual tobacco smoke pollution in used cars for sale: air, dust, and surfaces](#)," *Nicotine and Tobacco Research* 10(9): 1467-1475, September 2008.

Schick, S.F.; Glantz, S., "[Concentrations of the carcinogen 4-\(Methylnitrosamino\)-1-\(3-Pyridyl\)-1-Butanone in sidestream cigarette smoke increase after release into indoor air: results from unpublished tobacco industry research](#)," *Cancer Epidemiology, Biomarkers & Prevention* 16(8): 1547-1553, August 2007.

Singer, B., "Direct and indirect exposures to secondhand smoke," Lawrence Berkeley National Lab, Atmospheric Sciences & Indoor Environment Departments, [2006]. **Abstract unavailable.**

Willers, S.; Hein, H.O.; Jansson, L., "[Assessment of environmental tobacco smoke exposure: urinary cotinine concentrations in children are strongly associated with the house dust concentrations of nicotine at home](#)," *Indoor Air* 14(2): 83-86, April 2004.

Matt, G.E.; Quintana, P.J.E.; Hovell, M.F.; Bernert, J.T.; Song, S.; Novianti, N.; Juarez, T.; Floro, J.; Gehrman, C.; Garcia, M.; Larson, S., "[Households contaminated by environmental tobacco smoke: sources of infant exposures](#)," *Tobacco Control* 13(1): 29-37, March 2004.

 Singer, B.C.; Hodgson, A.T.; Nazaroff, W.W., "[Effect of sorption on exposures to organic gases from environmental tobacco smoke \(ETS\)](#)," *Proceedings: Indoor Air 2002*, 2002.