

## **Peer-Reviewed Papers**

Felter, Susan P; Foreman, Jennifer E; Boobis, Alan; Corton, J Christopher; Doi, Adriana M; Flowers, Lynn; Goodman, Jay; Haber, Lynne T; Jacobs, Abigail; Klaunig, James E; Lynch, Angela M; Moggs, Jonathan; Pandiri, Arun 2018. Human relevance of rodent liver tumors: Key insights from a Toxicology Forum workshop on nongenotoxic modes of action. *Regulatory toxicology and pharmacology: RTP*, 92, 1-7

Haber, Lynne T; Dourson, Michael L; Allen, Bruce C; Hertzberg, Richard C; Parker, Ann; Vincent, Melissa J; Maier, Andrew; Boobis, Alan R 2018. Benchmark dose (BMD) modeling: current practice, issues, and challenges. *Critical reviews in toxicology*, 48 5, 387-415

Haber, Lynne T; Bates, Hudson K; Allen, Bruce C; Vincent, Melissa J; Oller, Adriana R 2017. Derivation of an oral toxicity reference value for nickel. *Regulatory toxicology and pharmacology: RTP*, 87 Suppl 1, S1-S18

Manjanatha, Mugimane G; Shelton, Sharon D; Chen, Ying; Parsons, Barbara L; Myers, Meagan B; McKim, Karen L; Gollapudi, B Bhaskar; Moore, Nigel P; Haber, Lynne T; Allen, Bruce; Moore, Martha M 2017. Dose and temporal evaluation of ethylene oxide-induced mutagenicity in the lungs of male big blue mice following inhalation exposure to carcinogenic concentrations. *Environmental and molecular mutagenesis*, 58 3, 122-134

Allen, Bruce C; Vincent, Melissa J; Liska, DeAnn; Haber, Lynne T 2016. Meta-regression analysis of the effect of trans fatty acids on low-density lipoprotein cholesterol. *Food and chemical toxicology: an international journal published for the British Industrial Biological Research Association*, 98 Pt B, 295-307

Haber, Lynne T; Sandhu, Reena; Li-Muller, Angela; Mohapatra, Asish; Petrovic, Sanya; Meek, M E Bette 2016. Framework for human health risk assessment of non-cancer effects resulting from short-duration and intermittent exposures to chemicals. *Journal of applied toxicology: JAT*, 36 9, 1077-89

Reichard, John F; Haber, Lynne T 2016. Mode-of-action evaluation for the effect of trans fatty acids on low-density lipoprotein cholesterol. *Food and chemical toxicology: an international journal published for the British Industrial Biological Research Association*, 98 Pt B, 282-294

Shatkin, J A; Ong, Kimberly J; Beaudrie, Christian; Clippinger, Amy J; Hendren, Christine Ogilvie; Haber, Lynne T; Hill, Myriam; Holden, Patricia; Kennedy, Alan J; Kim, Baram; MacDonell, Margaret; Powers, Christina M; Sharma, Monita; Sheremeta, Lorraine; Stone, Vicki; Sultan, Yasir; Turley, Audrey; White, Ronald H 2016. Advancing Risk Analysis for Nanoscale Materials: Report from an International Workshop on the Role of Alternative Testing Strategies for Advancement. *Risk analysis: an official publication of the Society for Risk Analysis*, 36 8, 1520-37

Banda, Malathi; McKim, Karen L; Haber, Lynne T; MacGregor, Judith A; Gollapudi, B Bhaskar; Parsons, Barbara L 2015. Quantification of Kras mutant fraction in the lung DNA of mice exposed to aerosolized particulate vanadium pentoxide by inhalation. *Mutation research. Genetic toxicology and environmental mutagenesis*, 789-790, 53-60

DeBord, D Gayle; Burgoon, Lyle; Edwards, Stephen W; Haber, Lynne T; Kanitz, M Helen; Kuempel, Eileen; Thomas, Russell S; Yucesoy, Berran 2015. Systems Biology and Biomarkers of Early Effects for Occupational Exposure Limit Setting. *Journal of occupational and environmental hygiene*

Manjanatha, Mugimane G; Shelton, Sharon D; Haber, Lynne; Gollapudi, Bhaskar; MacGregor, Judith A; Rajendran, Narayanan; Moore, Martha M 2015. Evaluation of cII mutations in lung of male Big Blue mice exposed by inhalation to vanadium pentoxide for up to 8 weeks. *Mutation research. Genetic toxicology and environmental mutagenesis*, 789-790, 46-52

Sweeney, Lisa M; MacCalman, Laura; Haber, Lynne T; Kuempel, Eileen D; Tran, C Lang 2015. Bayesian evaluation of a physiologically-based pharmacokinetic (PBPK) model of long-term kinetics of metal nanoparticles in rats. *Regulatory toxicology and pharmacology: RTP*, 73 1, 151-63

Bette Meek, M E; Bolger, Michael; Bus, James S; Christopher, John; Conolly, Rory B; Lewis, R Jeffrey; Paolini, Gregory M; Schoeny, Rita; Haber, Lynne T; Rosenstein, Amy B; Dourson, Michael L 2013. A framework for fit-for-purpose dose response assessment. *Regulatory toxicology and pharmacology: RTP*, 66 2, 234-40

Dourson, Michael; Becker, Richard A; Haber, Lynne T; Pottenger, Lynn H; Bredfeldt, Tiffany; Fenner-Crisp, Penelope A 2013. Advancing human health risk assessment: integrating recent advisory committee recommendations. *Critical reviews in toxicology*, 43 6, 467-92

Hertzberg, Richard C; Pan, Yi; Li, Ruosha; Haber, Lynne T; Lyles, Robert H; Herr, David W; Moser, Virginia C; Simmons, Jane Ellen 2013. A four-step approach to evaluate mixtures for consistency with dose addition. *Toxicology*, 313 2-3, 134-44

Parsons, Barbara L; Manjanatha, Mugimane G; Myers, Meagan B; McKim, Karen L; Shelton, Sharon D; Wang, Yiyang; Gollapudi, B Bhaskar; Moore, Nigel P; Haber, Lynne T; Moore, Martha M 2013. Temporal changes in K-ras mutant fraction in lung tissue of big blue B6C3F<sub>1</sub> mice exposed to ethylene oxide. *Toxicological sciences: an official journal of the Society of Toxicology*, 136 1, 26-38

Sweeney, Lisa M; Parker, Ann; Haber, Lynne T; Tran, C Lang; Kuempel, Eileen D 2013. Application of Markov chain Monte Carlo analysis to biomathematical modeling of respirable dust in US and UK coal miners. *Regulatory toxicology and pharmacology: RTP*, 66 1, 47-58

Maier, Andrew; Kohrman-Vincent, Melissa; Hertzberg, Richard; Allen, Bruce; Haber, Lynne T; Dourson, Michael 2012. Critical review of dose-response options for F344 rat mammary tumors for acrylamide - additional insights based on mode of action. *Food and chemical toxicology: an international journal published for the British Industrial Biological Research Association*, 50 5, 1763-75

Moser, Virginia C; Padilla, Stephanie; Simmons, Jane Ellen; Haber, Lynne T; Hertzberg, Richard C 2012. Impact of chemical proportions on the acute neurotoxicity of a mixture of seven carbamates in preweanling and adult rats. *Toxicological sciences: an official journal of the Society of Toxicology*, 129 1, 126-34

Mwanza, Jean-Claude; Lyke, Danielle F; Hertzberg, Richard C; Haber, Lynne; Kohrman-Vincent, Melissa; Li, Ruosha; Pan, Yi; Lyles, Robert H; Simmons, Jane Ellen; Macmillan, Denise K; Zehr, R Dan; Swank, Adam E; Herr, David W 2012. Cholinesterase inhibition and depression of the photic after discharge of flash evoked potentials following acute or repeated exposures to a mixture of carbaryl and propoxur. *Neurotoxicology*, 33 3, 332-46

Rhomberg, Lorenz R; Goodman, Julie E; Haber, Lynne T; Dourson, Michael; Andersen, Melvin E; Klaunig, James E; Meek, Bette; Price, Paul S; McClellan, Roger O; Cohen, Samuel M 2011. Linear low-dose extrapolation for noncancer health effects is the exception, not the rule. *Critical reviews in toxicology*, 41 1, 1-19

Hack, C Eric; Haber, Lynne T; Maier, Andrew; Shulte, Paul; Fowler, Bruce; Lotz, W Gregory; Savage, Russell E 2010. A Bayesian network model for biomarker-based dose response. *Risk analysis: an official publication of the Society for Risk Analysis*, 30 7, 1037-51

Maier, Andrew; Kohrman-Vincent, Melissa; Parker, Ann; Haber, Lynne T 2010. Evaluation of concentration-response options for diacetyl in support of occupational risk assessment. *Regulatory toxicology and pharmacology: RTP*, 58 2, 285-96

Haber, Lynne T; Maier, Andrew; Kroner, Oliver L; Kohrman, Melissa J 2009. Evaluation of human relevance and mode of action for tunica vaginalis mesotheliomas resulting from oral exposure to acrylamide. *Regulatory toxicology and pharmacology: RTP*, 53 2, 134-49

Dourson, Michael; Hertzberg, Richard; Allen, Bruce; Haber, Lynne; Parker, Ann; Kroner, Oliver; Maier, Andy; Kohrman, Melissa 2008. Evidence-based dose-response assessment for thyroid tumorigenesis from acrylamide. *Regulatory toxicology and pharmacology: RTP*, 52 3, 264-89

Moore, Martha M; Heflich, Robert H; Haber, Lynne T; Allen, Bruce C; Shipp, Annette M; Kodell, Ralph L 2008. Analysis of in vivo mutation data can inform cancer risk assessment. *Regulatory toxicology and pharmacology: RTP*, 51 2, 151-61

Stern, Bonnie Ransom; Solioz, Marc; Krewski, Daniel; Aggett, Peter; Aw, Tar-Ching; Baker, Scott; Crump, Kenny; Dourson, Michael; Haber, Lynne; Hertzberg, Rick; Keen, Carl; Meek, Bette; Rudenko, Larisa; Schoeny, Rita; Slob, Wout; Starr, Tom 2007. Copper and human health: biochemistry, genetics, and strategies for modeling dose-response relationships. *Journal of toxicology and environmental health. Part B, Critical reviews*, 10 3, 157-222

- Schoeny, Rita; Haber, Lynne; Dourson, Michael 2006. Data considerations for regulation of water contaminants. *Toxicology*, 221 2-3, 217-24
- Haber, L T; Patterson, J 2005. Report of an independent peer review of an acrylonitrile risk assessment. *Human & experimental toxicology*, 24 10, 487-527
- Lipscomb, John C; Meek, M E Bette; Krishnan, Kannan; Kedderis, Gregory L; Clewell, Harvey; Haber, Lynne 2004. Incorporation of pharmacokinetic and pharmacodynamic data into risk assessments. *Toxicology mechanisms and methods*, 14 3, 145-58
- Maier, Andrew; Savage, Russell E; Haber, Lynne T 2004. Assessing biomarker use in risk assessment--a survey of practitioners. *Journal of toxicology and environmental health. Part A*, 67 8-10, 687-95
- Araya, Magdalena; Chen, Bingheng; Klevay, Leslie M; Strain, J J; Johnson, LuAnn; Robson, Paula; Shi, Wei; Nielsen, Forrest; Zhu, Huigang; Olivares, Manuel; Pizarro, Fernando; Haber, Lynne T 2003. Confirmation of an acute no-observed-adverse-effect and low-observed-adverse-effect level for copper in bottled drinking water in a multi-site international study. *Regulatory toxicology and pharmacology: RTP*, 38 3, 389-99
- Gentry, P Robinan; Hack, C Eric; Haber, Lynne; Maier, Andrew; Clewell, Harvey J 2002. An approach for the quantitative consideration of genetic polymorphism data in chemical risk assessment: examples with warfarin and parathion. *Toxicological sciences: an official journal of the Society of Toxicology*, 70 1, 120-39
- Haber, L T; Maier, A; Gentry, P R; Clewell, H J; Dourson, M L 2002. Genetic polymorphisms in assessing interindividual variability in delivered dose. *Regulatory toxicology and pharmacology: RTP*, 35 2 Pt 1, 177-97
- Haber, Lynne T; Maier, Andrew 2002. Scientific criteria used for the development of occupational exposure limits for metals and other mining-related chemicals. *Regulatory toxicology and pharmacology: RTP*, 36 3, 262-79
- Haber, L T; Maier, A; Zhao, Q; Dollarhide, J S; Savage, R E; Dourson, M L 2001. Applications of mechanistic data in risk assessment: the past, present, and future. *Toxicological sciences: an official journal of the Society of Toxicology*, 61 1, 32-9
- Haber, L T; Diamond, G L; Zhao, Q; Erdreich, L; Dourson, M L 2000. Hazard identification and dose response of ingested nickel-soluble salts. *Regulatory toxicology and pharmacology: RTP*, 31 2 Pt 1, 231-41
- Haber, L T; Erdreich, L; Diamond, G L; Maier, A M; Ratney, R; Zhao, Q; Dourson, M L 2000. Hazard identification and dose response of inhaled nickel-soluble salts. *Regulatory toxicology and pharmacology: RTP*, 31 2 Pt 1, 210-30
- Haber, L T; Allen, B C; Kimmel, C A 1998. Non-cancer risk assessment for nickel compounds: issues associated with dose-response modeling of inhalation and oral exposures. *Toxicological sciences: an official journal of the Society of Toxicology*, 43 2, 213-29
- Haber, L T; Walker, G C 1991. Altering the conserved nucleotide binding motif in the *Salmonella typhimurium* MutS mismatch repair protein affects both its ATPase and mismatch binding activities. *The EMBO journal*, 10 9, 2707-15