2020 RASS Student/Postdoc Award Winners

John Doull Award
Sarah Burnett, Advisor: Ivan Rusyn
Texas A&M University, College Station, TX

Perry J. Gehring Best Postdoctoral Fellow Abstract Award
Colette Miller, Advisor: Urmila Kodavanti
Oak Ridge Institute for Science and Education, Research Triangle Park, NC
Ozone Exposure during Implantation Impairs Offspring Metabolic Processes in a Sex-Specific Manner in Rats.

Perry J. Gehring Best Graduate Student Abstract Award
Durgesh K. Dwivedi, Advisor: G. Jena
National Institute of Pharmaceutical Education and Research, S.A.S. Nagar, Mohali, India
The Intervention of NLRP3 Inhibitor and Nrf2 Activator Protects against Diethyl Nitrosamine and Thioacetamide-Induced Hepatic Precarcinogenesis in Rats.

Robert J. Rubin Student Travel Award
Alexa Murray, Advisor: Debra Laskin.
The State University of New Jersey, Piscataway, NJ
Farnesoid X Receptor Regulates Macrophage Activation in Nitrogen Mustard-Induced Lung Injury in a Sex Dependent Manner.

Andersen Clewell Trainee Award
Qiran Chen, Advisor: Kan Shao
Indiana University, Bloomington, IN
A Novel Dose-Response Framework with Quantitatively Integrated MOA Information.

2019 Best Abstract Award Winners

Best Abstract
Human Health Risk Assessment for Pulegone, a Carcinogenic Flavor Chemical in Mint- and Menthol-Flavored Electronic Cigarette Liquids and Smokeless Tobacco Products.
S. V. Jabba and S. Jordt
Duke University, Durham, NC

Top 10 Abstracts

Toxicological Risk Assessment to the Typical Constituents of E-cigarettes in China.
Zhengzhou Tobacco Research Institute of CNTC, Zhengzhou, China.
Estimating Acceptable Exposure Levels for Polybrominated Diphenyl Ether (PBDE) Based on In Vitro Models of Human Neurodevelopment and Biological Modeling.
S. Bloch\textsuperscript{1}, C. Chandrasekera\textsuperscript{2}, N. I. Kramer\textsuperscript{3}, M. Bouchard\textsuperscript{1}, and M. Verner\textsuperscript{1}.
\textsuperscript{1} Université de Montréal, Montreal, QC, Canada; \textsuperscript{2} Canadian Centre for Alternatives to Animal Methods, Windsor, ON, Canada; and \textsuperscript{3} Institute for Risk Assessment Sciences, Utrecht, Netherlands.

Physiologically Based Pharmacokinetic Modeling to Identify Upper Bound No Effect Thresholds for Human Tracheal Sensory Irritation.
B. Kerger\textsuperscript{1}, and A. E. Loccisano\textsuperscript{2}.
\textsuperscript{1} Exponent, Irvine, CA; and \textsuperscript{2} Exponent, Alexandria, VA.

Establishing a Tolerable Intake for Dimethyl 4-Toluidine through Use of Benchmark Dose Modeling.
M. Boylan, B. Wang, and M. H. Whittaker.
ToxServices LLC, Washington, DC.

Glyphosate Risk Assessment to Assess Proposition 65 Requirements for Pesticide Applicators and Construction Workers: Risk Communication Case Study.
A. Holbrow Verwiel\textsuperscript{1}, D. Proctor\textsuperscript{2}, and M. Suh\textsuperscript{2}.
\textsuperscript{1} ToxStrategies Inc., San Rafael, CA; and \textsuperscript{2} ToxStrategies Inc., Mission Viejo, CA.

Derivation of No-Significant-Risk-Levels (NSRLs) for 4-Vinylcyclohexene and 4-Vinylcyclohexene Diepoxide.
Z. Guerrette, J. Ator, B. Reid, and M. H. Whittaker.
ToxServices LLC, Washington, DC.

Risk Assessment of the Drinking Water Treatment Chemical 2-phosphonobutane-1,2,4-tricarboxylic acid (PBTC).
M. G. LaFramboise, and K. A. Magurany.
NSF International, Ann Arbor, MI.

Risk Assessment of 1,1,1-Trifluoroethane (HFA-143a) as a Potential Impurity in HFA-134a in Metered Dose Inhaler Products.
R. Chang, I. Mohar, and T. Lewandowski.
Gradient, Seattle, WA.

Development of a Maximum Allowable Dose Level for Perfluorooctanoic Acid and Comparison of Exposures from Consumer Products, Drinking Water, and Natural Food Sources.
Intertek Group plc, Mississauga, ON, Canada.
Quantitative Analysis of Aristolochic Acid-Induced Genotoxicity in Rats.
N. Mei, X. Li, X. Guo, and T. Chen.
US FDA/NCTR, Jefferson, AR.

RASS 2019 Best Published Paper Award Winners

RASS 2019 Best Published Paper Advancing the Science of Risk Assessment Award


RASS 2019 Best Published Paper Demonstrating an Application of Risk Assessment Award