

2021 RASS Student/Postdoc Award Winners

John Doull Risk Assessment Endowment Award – Long Yuan, Kansas State University, Manhattan, KS. Advisor: Zhoumeng Lin. “Development of a Physiologically Based Pharmacokinetic (PBPK) Model for Meloxicam in Broiler Chickens and Laying Hens”

Perry J. Gehring Student Award Winner – Brianna Rivera, Oregon State University, Corvallis, OR. Advisor: Susan Tilton. “A Novel Framework to Form Sufficiently Similar Mixtures from Environmental Exposure Data”

Perry J. Gehring Postdoctoral Student Award Winner – Katie O’Shaughnessy, US EPA, Research Triangle Park, NC. Advisor: Mary Gilbert. “Bypassing the Brain Barriers: Identification of Serum microRNAs Reflective of Developmental Neurotoxicity”

Robert J. Rubin Travel Award (given jointly with the Mechanisms Specialty Section) – Two winners awarded:

Itishree Kaushik, Texas Tech University, Abilene, TX. Advisor: Sanjay Srivastava “A novel anthelmintic drug suppresses the growth of medulloblastoma tumors by inhibiting PKA/Gli1 signaling axis”

Shengjie Xu, Rutgers, The State University of New Jersey. Advisor: Joseph Jude. “Inhibition of Glycolysis Attenuates Excitation Contraction Coupling in Human Airway Smooth Muscle Cells”

Andersen-Clewell Trainee Award (given jointly with the Biological Modeling Specialty Section) – Md Mahbubul Huq Riad, Kansas State University, Manhattan, KS. Advisor: Zhoumeng Lin. “Development and Application of a Physiologically Based Pharmacokinetic Model to Predict Oxytetracycline Tissue Distribution and Withdrawal Intervals in Market-Age Sheep”

2020 Best Published Paper Award Winners

Best Published Paper in the Application of Risk Assessment

“A Next-Generation Risk Assessment Case Study for Coumarin in Cosmetic Products”

Toxicological Sciences (2020) 176: 236-252

Maria T. Baltazar, S. Cable, P.L. Carmichael, R. Cubberley R, T. Cull, M. Delagrange, M.P. Dent, S. Hatherell, J. Houghton, P. Kukic, H. Li, M.Y. Lee, S. Malcomber, A.M. Middleton, T.E. Moxon, A.V. Nathanail, B. Nicol, R. Pendlington, G. Reynolds, J. Reynolds, A. White, C. Westmoreland

Best Published Paper Advancing the Science of Risk Assessment

Note: two winners were recognized

“Development of an *In Vitro* Human Thyroid Microtissue Model for Chemical Screening”

Toxicological Sciences (2020) 174: 63-78

Chad Deisenroth, V.Y. Soldatow, J. Ford, W. Stewart, C. Brinkman, E. LeCluyse, D.K. MacMillan, and R.S. Thomas

AND

“Identifying and Characterizing Stress Pathways of Concern for Consumer Safety in Next-Generation Risk Assessment”

Toxicological Sciences (2020) 176: 11-33

Sarah Hatherell, M.T. Baltazar, J. Reynolds, P.L. Carmichael, M. Dent, H. Li, S. Ryder, A. White, P. Walker, A.M. Middleton