BIOGRAPHICAL SKETCH

NAME: Ramon Lavado

POSITION TITLE: Assistant Professor

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	Completion Date MM/YYYY	FIELD OF STUDY
University of Barcelona, Barcelona, Spain	Bachelor	07/1999	Biological Sciences
University of Barcelona, Barcelona, Spain	Ph.D.	12/2005	Animal Physiology
University of California Riverside, Riverside, CA	Postdoctoral	06/2011	Toxicology

A. Positions and Honors

Positions and Employment

2016- Assistant Professor, Department of Environmental Science, Baylor University, Waco, TX.
2014-2016 Research Associate in Virology, Veterinary Diagnostic Laboratory, College of Veterinary Medicine, Iowa State University, Ames, IA.
2012-2013 Scientist / Technical Support Officer, Institute for Environment and Sustainability, European Commission Joint Research Centre, Ispra, Italy.
2011-2012 Assistant Specialist, Department of Environmental Sciences University of California Riverside, Riverside, CA.
2006-2011 Postdoctoral Research Associate, Department of Environmental Sciences University of California Riverside, Riverside, CA.

Other Experience and Professional Memberships

2018- Grant Proposal Reviewer, California Sea Grant, California Department of fish and Wildlife.
2018- Grant Proposal Reviewer, Polish National Science Centre, Poland.
2018- Board of Advisors, Society of Environmental Toxicology and Chemistry (SETAC) South Central Regional Chapter.
2017- Faculty Advisor of Baylor University Student SETAC Chapter.
2017- Editorial Board Member of Journal of Environmental and Toxicological Studies.
2016- Selected as Baylor University “Rising Star” through the OVPR.
2012- Editorial Board Member of Bulletin of Environmental Contamination and Toxicology (BECT).
2007- Member of the Society of Environmental Toxicology and Chemistry (SETAC) North America.
2006- Member of International Society for the Study of Xenobiotics (ISSX).
2006- Member of American Chemical Society (ACS).
2001- Member Society of Environmental Toxicology and Chemistry (SETAC) Europe.

Honors

2016- Selected as Baylor University “Rising Star” Research Program.
2012-2013 Marie Curie Actions – International Incoming Fellowship (IIF) – European Commission Postdoctoral Fellowship.

B. Recent Contributions to Science (Last 5 years)

1. Ishmaeel, A., **Lavado, R.**, Smith, R. S., Eidson, J. L., Sawicki, I., Kirk, J. S., Bohannon, W. T. and Koutakis, P. Effects of limb revascularization procedures on oxidative stress. Journal of Surgical Research 232 (2018), 503-509.

2. Franco, M. E., Sutherland, G. E. and **Lavado, R.** (2018). Xenobiotic metabolism in the fish hepatic cell lines Hepa-E1 and RTH-149, and the gill cell lines RTgill-W1 and G1B: Biomarkers of CYP450 activity and oxidative stress. Comparative Biochemistry and Physiology. Part C: Toxicology & Pharmacology 206-207 (2018), 32-40.
3. Oziolor, E.M., Howard, W., **Lavado, R.** and Matson, C.W. Induced pesticide tolerance results from detoxification pathway priming. Environmental Pollution 224 (2017), 615-621 (2017).
4. Maldonado, A., **Lavado, R.**, Knutson, S., Slattery, M., Goldstone, J.V., Watanabe, K., Hoh, E., Gadepalli, R.S., Rimoldi, J.M., Ostrander, G.K. and Schlenk, D. Biochemical mechanisms for geographical adaptations to novel toxin exposures in butterflyfish. PLOS One (2016), doi:10.1371/journal.pone.0154208.
5. Maryoung, L., **Lavado, R.**, Bammler, T., Gallagher, E., Stapleton, P., Beyer, R., Farin, F., Hardiman, G. and Schlenk, D. Differential gene expression in liver, gill and olfactory rossettes of coho salmon (*Oncorhynchus kisutch*) after acclimation to salinity. Marine Biotechnology 17 (2015), 703-717.
6. Crago, J., Tran, K., Budicin, A., Schreiber, B., **Lavado, R.** and Schlenk, D. Exploring the impacts of two separate mixtures of pesticide and surfactants on estrogenic activity in male fathead minnows and rainbow trout. Archives of Environmental Contamination and Toxicology 68 (2015), 362-370.
7. Maryoung, L.A., **Lavado R.** and Schlenk, D. Impacts of hypersaline acclimation of the acute toxicity of the organophosphate chlorpyrifos to salmonids. Aquatic Toxicology 152 (2014), 284-290.
8. Lyons, K., **Lavado, R.**, Schlenk, D. and Lowe, C. Bioaccumulation of organochlorine contaminants and EROD activity in southern California round stingrays (Urobatis halleri) exposed to planar aromatic compounds. Environmental Toxicology and Chemistry 33 (2014), 1380-1390.
9. Forsgren, K.L., Qu, S., **Lavado, R.**, Cwiertny, D. and Schlenk, D. Trenbolone acetate metabolites promote ovarian growth and development in adult Japanese medaka (*Oryzias latipes*). General and Comparative Endocrinology 202 (2014), 1-7.
10. **Lavado, R.**, Li, J., Rimoldi, J.M. and Schlenk D. Evaluation of the stereoselective biotransformation of permethrin in human liver microsomes: contributions of cytochrome P450 monooxygenases to the formation of estrogenic metabolites. Toxicology Letters 226 (2014), 192-197.

Complete List of Published Works (36 publications total):
https://www.ncbi.nlm.nih.gov/sites/myncbi/1jl8k0F2aX7kl/bibliography/42763479/public/?sort=date&direction=ascending

C. Additional Information: Research Support and/or Scholastic Performance

Ongoing Research Support

Title: "Spatially-explicit profiles of endocrine disruption activity during low flows in East Canyon Creek, Utah"
Dates: 07/01/2018-10/30/2019
Grantor: Carollo Engineers, Inc. **Role:** PI **Funding:** $199,976.00

Title: "Evaluation of biomass health in the wastewater treatment basins"
Dates: 07/01/2017-06/30/2019
Grantor: Dow Chemical Company **Role:** PI **Funding:** $108,861.00

Title: "Use of a novel cell-based approach for assessing potential toxicity of seafood"
Dates: 06/01/2018-05/30/2019
Grantor: Baylor University (YIDP2019 Program) **Role:** PI **Funding:** $25,000.00

Completed Research Support

Title: "MutEndocrintool – Rationally mutated estrogen and androgen receptors: a novel approach to improve the detection of endocrine disruptor chemicals in the environment"
Dates: 12/01/2012-11/30/2013
Grantor: European Commission (Marie Curie Program) **Role:** PI **Funding:** $260,000.00