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**Original Research Articles**

<p>Development of omics biomarkers for estrogen exposure using mRNA, miRNA and piRNAs  <i>G.P. Toth, D.C. Bencic, J.W. Martinson, R.W. Flick, D.L. Lattier, M.S. Kostich, W. Huang, A.D. Biales (United States)</i></p>	<p>105807</p>	<p>Co-expression network analysis identifies novel molecular pathways associated with cadmium and pyriproxyfen testicular toxicity in <i>Gammarus fossarum</i>  <i>N. Koenig, C. Almunia, A. Bonnal-Conduzorgues, J. Armengaud, A. Chaumot, O. Geffard, D.D. Esposti (France)</i></p> <p style="text-align: right;">105816</p>
<p>Effects of two pesticides on northern leopard frog (<i>Lithobates pipiens</i>) stress metrics: Blood cell profiles and corticosterone concentrations  <i>M.J. Gavel, S.D. Young, R.L. Dalton, C. Soos, L. McPhee, M.R. Forbes, S.A. Robinson (Canada)</i></p>	<p>105820</p>	<p>Effects of polystyrene in the brackish water flea <i>Diaphanosoma celebensis</i>: Size-dependent acute toxicity, ingestion, egestion, and antioxidant response  <i>J.-W. Yoo, H. Cho, M. Jeon, C.-B. Jeong, J.-H. Jung, Y.-M. Lee (Republic of Korea)</i></p> <p style="text-align: right;">105821</p>
<p>The neonicotinoid alternative sulfoxaflor causes chronic toxicity and impairs mitochondrial energy production in <i>Chironomus kiinensis</i>  <i>P. Liu, F. Wu, H. Li, J. You (China)</i></p>	<p>105822</p>	<p>The ecotoxicological contaminant tris(4-chlorophenyl)methanol (TCPMOH) impacts embryonic development in zebrafish (<i>Danio rerio</i>)  <i>J. Navarrete, P. Wilson, N. Allsing, C. Gordon, R. Margolis, A.V. Schwartz, C. Cho, B. Rogowski, J. Topps, U.Z. George, K.E. Sant (USA)</i></p> <p style="text-align: right;">105815</p>
<p>Low-level embryonic crude oil exposure disrupts ventricular ballooning and subsequent trabeculation in Pacific herring  <i>J.P. Incardona, T.L. Linbo, B.L. French, J. Cameron, K.A. Peck, C.A. Laetz, M.B. Hicks, G. Hutchinson, S.E. Allan, D.T. Boyd, G.M. Ylitalo, N.L. Scholz (USA)</i></p>	<p>105810</p>	<p>Effect of nanomolar concentrations of lanthanum on <i>Desmodesmus quadricauda</i> cultivated under environmentally relevant conditions  <i>N. Ashraf, M. Vítová (Czech Republic), P. Cloetens (France), A. Mijovilovich, S.N.H. Bokhari, H. Küpper (Czech Republic)</i></p> <p style="text-align: right;">105818</p>

- Exposure to xenoestrogens alters the expression of key morphoregulatory proteins of oviduct adenogenesis in the broad-snouted caiman (*Caiman latirostris*)  
Y.E. Tavalieri, R. Alarcón, M.V. Tschopp, G. Canesini, E.H. Luque, M. Muñoz-de-Toro, G.H. Galoppo (Argentina) 105817
- Deciphering influences of testosterone and dihydrotestosterone on lipid metabolism genes using brown trout primary hepatocytes  
C. Lopes, E. Rocha, I.L. Pereira, T.V. Madureira (Portugal) 105819
- Trophic transfer potential of nTiO<sub>2</sub>, nZnO, and triclosan in an algae-algae eating fish food chain  
X. Xin, G. Huang, B. Zhang (Canada), Y. Zhou (China) 105824
- Relevance of desorption kinetics and permeability for *in vitro*-based predictions of hepatic clearance in fish  
S. Krause, K.-U. Goss (Germany) 105825
- Light modulates the effect of antibiotic norfloxacin on photosynthetic processes of *Microcystis aeruginosa*  
L. Zhao, K. Xu (China), P. Juneau (Canada), P. Huang, Y. Lian, X. Zheng, Q. Zhong, W. Zhang, F. Xiao, B. Wu, Q. Yan, Z. He (China) 105826
- Phenanthrene alters the electrical activity of atrial and ventricular myocytes of a polar fish, the Navaga cod  
D.V. Abramochkin (Russia), S.N. Kompella, H.A. Shiels (UK) 105823
- Food bacteria and synthetic microparticles of similar size influence pharyngeal pumping of *Caenorhabditis elegans*  
H. Fueser, M.-T. Rauchsichwalbe, S. Höss, W. Traunspurger (Germany) 105827
- Potential of lethal and sub-lethal effects of benzophenone and oxybenzone by UV light in zebrafish embryos  
Y. Zhang, P. Shah (Canada), F. Wu, P. Liu, J. You (China), G. Goss (Canada) 105835
- Adsorptivity of mercury on magnetite nano-particles and their influences on growth, economical, hemato-biochemical, histological parameters and bioaccumulation in Nile tilapia (*Oreochromis niloticus*)  
H.H. Mahboub, R.R. Beheiry, S.E. Shahin, A. Behairy, M.H.E. Khedr, S.M. Ibrahim, G.E. Elshopakey (Egypt), W.M. Daoush (Riyadh), D.E. Altohamy (Egypt), T.A. Ismail (Saudi Arabia), W. El-Houseiny (Egypt) 105828
- Microplastics alone or co-exposed with copper induce neurotoxicity and behavioral alterations on zebrafish larvae after a subchronic exposure  
D. Santos, A. Luzio, C. Matos (Portugal), J. Bellas (Spain), S.M. Monteiro, L. Félix (Portugal) 105814
- Transcriptomic responses predict the toxic effect of parental co-exposure to dibutyl phthalate and diisobutyl phthalate on the early development of zebrafish offspring  
H. Chen, W. Feng, K. Chen, X. Qiu, H. Xu, G. Mao, T. Zhao, X. Wu, L. Yang (People's Republic of China) 105838
- The toxicity and toxicokinetics of imidacloprid and a bioactive metabolite to two aquatic arthropod species  
A. Huang, N.W. van den Brink, L. Buijse, I. Roessink, P.J. van den Brink (the Netherlands) 105837
- Uranium accumulation and toxicokinetics in the crustacean *Daphnia magna* provide perspective to toxicodynamic responses  
S. Scheibener, Y. Song, K.E. Tollefsen, B. Salbu, H.-C. Teien (Norway) 105836