**Supplementary Material**

**Table 1** - Ecotoxicity data of bisphenol A to the freshwater organisms

| Species | EC50/LC50/IC50 (mg $L^{-1}$ to BPA) | References |
|---|---|---|
| *Chlorella pyrenoidosa* (Chlorophyceae) | 75.66 | Zhang, W., Xiong, B., Sun, W. F., An, S., Lin, K. F., Guo, M. J., Cui, X. H., 2014. Acute and chronic toxic effects of bisphenol A on *Chlorella pyrenoidosa* and *Scenedesmus obliquus*. *Environmental Toxicology*, v. 29, n. 6, p. 714–722. https://doi.org/10.1002/tox.21806 |
| *Scenedesmus acutus var. acutus* (Chlorophyceae) | 29.16 | Zhang, W., Xiong, B., Sun, W. F., An, S., Lin, K. F., Guo, M. J., Cui, X. H., 2014. Acute and chronic toxic effects of bisphenol A on *Chlorella pyrenoidosa* and *Scenedesmus obliquus*. *Environmental Toxicology*, v. 29, n. 6, p. 714–722. https://doi.org/10.1002/tox.21806 |
| *Chlorella pyrenoidosa* (Chlorophyceae) | 63.53 | Zhang, W., Xiong, B., Sun, W. F., An, S., Lin, K. F., Guo, M. J., Cui, X. H., 2014. Acute and chronic toxic effects of bisphenol A on *Chlorella pyrenoidosa* and *Scenedesmus obliquus*. *Environmental Toxicology*, v. 29, n. 6, p. 714–722. https://doi.org/10.1002/tox.21806 |
| *Scenedesmus acutus var. acutus* (Chlorophyceae) | 18.38 | Zhang, W., Xiong, B., Sun, W. F., An, S., Lin, K. F., Guo, M. J., Cui, X. H., 2014. Acute and chronic toxic effects of bisphenol A on *Chlorella pyrenoidosa* and *Scenedesmus obliquus*. *Environmental Toxicology*, v. 29, n. 6, p. 714–722. https://doi.org/10.1002/tox.21806 |
| *Scenedesmus acutus var. acutus* (Chlorophyceae) | 26.72 | Zhang, W., Xiong, B., Sun, W. F., An, S., Lin, K. F., Guo, M. J., Cui, X. H., 2014. Acute and chronic toxic effects of bisphenol A on *Chlorella pyrenoidosa* and *Scenedesmus obliquus*. *Environmental Toxicology*, v. 29, n. 6, p. 714–722. https://doi.org/10.1002/tox.21806 |
| *Scenedesmus acutus var. acutus* (Chlorophyceae) | 15.59 | Zhang, W., Xiong, B., Sun, W. F., An, S., Lin, K. F., Guo, M. J., Cui, X. H., 2014. Acute and chronic toxic effects of bisphenol A on *Chlorella pyrenoidosa* and *Scenedesmus obliquus*. *Environmental Toxicology*, v. 29, n. 6, p. 714–722. https://doi.org/10.1002/tox.21806 |
| *Chlorella pyrenoidosa* (Chlorophyceae) | 89.39 | Zhang, W., Xiong, B., Sun, W. F., An, S., Lin, K. F., Guo, M. J., Cui, X. H., 2014. Acute and chronic toxic effects of bisphenol A on *Chlorella pyrenoidosa* and *Scenedesmus obliquus. Environmental Toxicology*, v. 29, n. 6, p. 714–722. https://doi.org/10.1002/tox.21806 |
| *Chlorella pyrenoidosa* (Chlorophyceae) | 46.04 | Zhang, W., Xiong, B., Sun, W. F., An, S., Lin, K. F., Guo, M. J., Cui, X. H., 2014. Acute and chronic toxic effects of bisphenol A on *Chlorella pyrenoidosa* and *Scenedesmus obliquus*. *Environmental Toxicology*, v. 29, n. 6, p. 714–722. https://doi.org/10.1002/tox.21806 |
| *Raphidocelis subcapitata* (Chlorophyceae) | 3.1 | Alexander, H. C., Dill, D. C., Smith, L. W., Guiney, P. D., Dorn, P., 1988. Bisphenol A: Acute Aquatic Toxicity. *Environmental Toxicology and Chemistry*, v. 7, n. 1, p. 19-26. doi:10.1002/etc.5620070104. ECOREF#:494 |
| *Raphidocelis subcapitata* (Chlorophyceae) | 2.7 | Alexander, H. C., Dill, D. C., Smith, L. W., Guiney, P. D., Dorn, P., 1988. Bisphenol A: Acute Aquatic Toxicity. *Environmental Toxicology and Chemistry*, v. 7, n. 1, p. 19-26. doi:10.1002/etc.5620070104. ECOREF#:494 |
| *Desmodesmus subspicatus* (Scenedesmaceae) | 19.6 | Tišler, T., Krel, A., Gerželj, U., Erjavec, B., Dolenc, M. S., Pintar, A., 2016. Hazard Identification and Risk Characterization of Bisphenols A, F and AF to Aquatic Organisms. *Environmental Pollution*., v. 212, p. 472-479. doi:10.1016/j.envpol.2016.02.045. ECOREF#:186111 |
| *Raphidocelis subcapitata* (Chlorophyceae) | 2.2 | Debenest, T., Gagné, F., Petit, A. N., André, C., Kohli, M., Blaise, C., 2010. Ecotoxicity of a Brominated Flame Retardant (Tetrabromobisphenol A) and Its Derivatives to |

| | | |
|---|---|---|
| | | Aquatic Organisms. *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*, v. 152, n. 4, p. 407-412. doi:10.1016/j.cbpc.2010.06.009. ECOREF#:170180 |
| *Asellus aquaticus* (Isopoda) | 8.6 | Plahuta, M., Tišler, T., Pintar, A., Toman, M. J., 2015. Adverse effects of bisphenol A on water louse (*Asellus aquaticus*). *Ecotoxicology and Environmental Safety*, v. 117, p. 81–88. https://doi.org/10.1016/j.ecoenv.2015.03.031 |
| *Asellus aquaticus* (Isopoda) | 2.15 | Plahuta, M., Tišler, T., Pintar, A., Toman, M. J., 2015. Adverse effects of bisphenol A on water louse (*Asellus aquaticus*). *Ecotoxicology and Environmental Safety*, v. 117, p. 81–88. https://doi.org/10.1016/j.ecoenv.2015.03.031 |
| *Thamnocephalus platyurus* (Crustacea, Branchiopoda) | 19.9 | Debenest, T., F. Gagne, A.N. Petit, C. Andre, M. Kohli, Blaise, C., 2010. Ecotoxicity of a Brominated Flame Retardant (Tetrabromobisphenol A) and Its Derivatives to Aquatic Organisms. *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*, v. 152, n. 4, p. 407-412. doi:10.1016/j.cbpc.2010.06.009. ECOREF#:170180 |
| *Asellus aquaticus* (Isopoda) | 25.1 | Plahuta, M., Tišler, T., Pintar, A., Toman, M. J., 2015. Adverse effects of bisphenol A on water louse (*Asellus aquaticus*). *Ecotoxicology and Environmental Safety*, v. 117, p. 81–88. https://doi.org/10.1016/j.ecoenv.2015.03.031 |
| *Asellus aquaticus* (Isopoda) | 9.5 | Plahuta, M., Tišler, T., Pintar, A., Toman, M. J., 2015. Adverse effects of bisphenol A on water louse (*Asellus aquaticus*). *Ecotoxicology and Environmental Safety*, v. 117, p. 81–88. https://doi.org/10.1016/j.ecoenv.2015.03.031 |
| *Daphnia magna* (Cladocera, Crustacea) | 8.9 | Tišler, T., Krel, A., Gerželj, U., Erjavec, B., Dolenc, M. S., Pintar, A., 2016. Hazard Identification and Risk Characterization of Bisphenols A, F and AF to Aquatic Organisms. *Environmental Pollution*, v. 212, p. 472-479. doi:10.1016/j.envpol.2016.02.045. ECOREF#:186111 |
| *Daphnia magna* (Cladocera, Crustacea) | 8.2 | Olmstead, A.W., LeBlanc, G. A. 2005. Toxicity Assessment of Environmentally Relevant Pollutant Mixtures Using a Heuristic Model. Ntegrated *Environmental Assessment and Management*., v. 1, n. 2, p. 114-122. doi:10.1897/IEAM_2004-005R.1. ECOREF#:175263 |
| *Daphnia magna* (Cladocera, Crustacea) | 8.57 | Brennan, S. J., Brougham, C. A., Roche, J. J., Fogarty, A. M., 2006. Multi-generational effects of four selected environmental oestrogens on *Daphnia magna. Chemosphere*, v. 64, n. 1, p. 49–55. https://doi.org/10.1016/j.chemosphere.2005.11.046 |
| *Daphnia magna* (Cladocera, Crustacea) | 7.3 | Olmstead, A.W., LeBlanc, G. A., 2005. Toxicity Assessment of Environmentally Relevant Pollutant Mixtures Using a Heuristic Model. *Integrated Environmental Assessment and Management*, v. 1, n. 2, p. 114-122. doi:10.1897/IEAM_2004-005R.1. ECOREF#:175263 |
| *Gammarus fossarum* (Crustacea, Amphipoda) | 2.9 | Ladewig, V., D. Jungmann, H.R. Kohler, O. Licht, K.U. Ludwichowski, M. Schirling, R. Triebskorn, Nagel, R. 2006. Effects of Bisphenol A on *Gammarus fossarum* and *Lumbriculus variegatus* in Artificial Indoor Streams. *Toxicology and Environmental Chemistry*, v. 88, n. 4, v. 649-664. doi:10.1080/02772240600834539. ECOREF#:171032 |
| *Daphnia magna* (Cladocera, Crustacea) | 22.69 | Jordão, R., E. Garreta, B. Campos, M.F.L. Lemos, A.M.V.M. Soares, R. Tauler, Barata, C. 2016. Compounds Altering Fat Storage in Daphnia magna. *Science of the Total Environment,* v. 545/546, p. 127-136. doi:10.1016/j.scitotenv.2015.12.097. ECOREF#:173729 |
| *Gammarus fossarum* (Crustacea: Amphipoda) | 1.9 | Ladewig, V., D. Jungmann, H.R. Kohler, O. Licht, K.U. Ludwichowski, M. Schirling, R. Triebskorn, Nagel, R. 2006. Effects of Bisphenol A on *Gammarus fossarum* and |

| | | |
|---|---|---|
| | | *Lumbriculus variegatus* in Artificial Indoor Streams. *Toxicology and Environmental Chemistry*, v. 88, n. 4, v. 649-664. doi:10.1080/02772240600834539. ECOREF#:171032 |
| *Daphnia magna* (Cladocera, Crustacea) | 12.5 | Plahuta, M., Tišler, T., Pintar, A., Toman, M. J., 2015. Adverse effects of bisphenol A on water louse (Asellus aquaticus). *Ecotoxicology and Environmental Safety*, v. 117, p. 81–88. https://doi.org/10.1016/j.ecoenv.2015.03.031 |
| *Daphnia magna* (Cladocera, Crustacea) | 10.5 | Brennan, S. J., Brougham, C. A., Roche, J. J., Fogarty, A. M., 2006. Multi-generational effects of four selected environmental oestrogens on *Daphnia magna. Chemosphere*, v. 64, n. 1, p. 49–55. https://doi.org/10.1016/j.chemosphere.2005.11.046 |
| *Daphnia magna* (Cladocera, Crustacea) | 8.2 | Olmstead, A.W., LeBlanc, G. A., 2005. Toxicity Assessment of Environmentally Relevant Pollutant Mixtures Using a Heuristic Model. *Integrated Environmental Assessment and Management*, v. 1, n. 2, p. 114-122. doi:10.1897/IEAM_2004-005R.1. ECOREF#:175263 |
| *Gammarus lacustres* (Crustacea, Amphipoda) | 5.6 | Ladewig, V., D. Jungmann, H.R. Kohler, O. Licht, K.U. Ludwichowski, M. Schirling, R. Triebskorn, Nagel, R. 2006. Effects of Bisphenol A on *Gammarus fossarum* and *Lumbriculus variegatus* in Artificial Indoor Streams. *Toxicology and Environmental Chemistry*, v. 88, n. 4, p. 649-664. doi:10.1080/02772240600834539. ECOREF#:171032 |
| *Daphnia magna* (Cladocera, Crustacea) | 21 | Jemec, A., T. Tisler, B. Erjavec. Pintar, A., 2012. Antioxidant Responses and Whole-Organism Changes in *Daphnia magna* Acutely and Chronically Exposed to Endocrine Disruptor Bisphenol A. *Ecotoxicology and Environmental Safety*, v. 86, p. 213-218. doi:10.1016/j.ecoenv.2012.09.016. ECOREF#:165123 |
| *Daphnia magna* (Cladocera, Crustacea) | 20.5 | Jemec, A., T. Tisler, B. Erjavec. Pintar, A., 2012. Antioxidant Responses and Whole-Organism Changes in *Daphnia magna* Acutely and Chronically Exposed to Endocrine Disruptor Bisphenol A. *Ecotoxicology and Environmental Safety*, v. 86, p. 213-218. doi:10.1016/j.ecoenv.2012.09.016. ECOREF#:165123 |
| *Gammarus fossarum* (Crustacea, Amphipoda) | 0.32 | Ladewig, V., D. Jungmann, H.R. Kohler, O. Licht, K.U. Ludwichowski, M. Schirling, R. Triebskorn, Nagel, R. 2006. Effects of Bisphenol A on *Gammarus fossarum* and *Lumbriculus variegatus* in Artificial Indoor Streams. *Toxicology and Environmental Chemistry*, v. 88, n. 4, p. 649-664. doi:10.1080/02772240600834539. ECOREF#:171032 |
| *Daphnia magna* (Cladocera, Crustacea) | 7.3 | Tišler, T., Krel, A., Gerželj, U., Erjavec, B., Dolenc, M. S., Pintar, A., 2016. Hazard Identification and Risk Characterization of Bisphenols A, F and AF to Aquatic Organisms. *Environmental Pollution*, v. 212, p. 472-479. doi:10.1016/j.envpol.2016.02.045. ECOREF#:186111 |
| *Daphnia magna* (Cladocera, Crustacea) | 7.75 | Brennan, S. J., Brougham, C. A., Roche, J. J., Fogarty, A. M., 2006. Multi-generational effects of four selected environmental oestrogens on *Daphnia magna. Chemosphere*, v. 64, n. 1, p. 49–55. https://doi.org/10.1016/j.chemosphere.2005.11.046 |
| *Gammarus fossarum* (Cladocera, Crustacea) | 1.01 | Ladewig, V., D. Jungmann, H.R. Kohler, O. Licht, K.U. Ludwichowski, M. Schirling, R. Triebskorn, Nagel, R. 2006. Effects of Bisphenol A on *Gammarus fossarum* and *Lumbriculus variegatus* in Artificial Indoor Streams. *Toxicology and Environmental Chemistry*, v. 88, n. 4, p. 649-664. doi:10.1080/02772240600834539. ECOREF#:171032 |

| | | |
|---|---|---|
| *Daphnia magna* (Cladocera, Crustacea) | 13.8 | Jemec, A., T. Tisler, B. Erjavec. Pintar, A., 2012. Antioxidant Responses and Whole-Organism Changes in *Daphnia magna* Acutely and Chronically Exposed to Endocrine Disruptor Bisphenol A. *Ecotoxicology and Environmental Safety*, v. 86, p. 213-218. doi:10.1016/j.ecoenv.2012.09.016. ECOREF#:165123 |
| *Daphnia magna* (Cladocera, Crustacea) | 0.35 | Ha, M. H., Choi, J., 2009. Effects of Environmental Contaminants on Hemoglobin Gene Expression in *Daphnia magna*: A Potential Biomarker for Freshwater Quality Monitoring. *Archives of Environmental Contamination and Toxicology*, v. 57, n. 2, p. 330-337. doi:10.1007/s00244-007-9079-0. ECOREF#:118906 |
| *Daphnia magna* (Cladocera, Crustacea) | 15.5 | Alexander, H.C., Dill, D.C., Smith, L.W., Guiney, P.D., Dorn, P., 1988. Bisphenol A: Acute Aquatic Toxicity. *Environmental Toxicology and Chemistry*, v. 7, n. 1, p. 19-26. doi:10.1002/etc.5620070104. ECOREF#:494 |
| *Daphnia magna* (Cladocera, Crustacea) | 5.11 | Jordão, R., E. Garreta, B. Campos, M.F.L. Lemos, A.M.V.M. Soares, R. Tauler, Barata, C. 2016. Compounds Altering Fat Storage in Daphnia magna. *Science of the Total Environment,* v. 545/546, p. 127-136. doi:10.1016/j.scitotenv.2015.12.097. ECOREF#:173729 |
| *Daphnia magna* (Cladocera, Crustacea) | 2.57 | Georgantzopoulou, A., Cambier, S., Serchi, T., Kruszewski, M., Balachandran, Y. L., Grysan, P., Audinot, J. N., Ziebel, J., Guignard, C., Gutleb, A. C., Murk, A. J., 2016. Inhibition of multixenobiotic resistance transporters (MXR) by silver nanoparticles and ions in vitro and in *Daphnia magna*. *The Science of the Total Environment*, v. 569-570, p. 681–689. https://doi.org/10.1016/j.scitotenv.2016.06.157 |
| *Daphnia magna* (Cladocera, Crustacea) | 9.94 | Mansilha, C., Silva, P., Rocha, S., Gameiro, P., Domingues, V., Pinho, C., Ferreira, I. M., 2013. Bisphenol A migration from plastic materials: direct insight of ecotoxicity in *Daphnia magna*. *Environmental Science And Pollution Research International*, v. 20, n. 9, p. 6007–6018. https://doi.org/10.1007/s11356-013-1614-0 |
| *Daphnia magna* (Cladocera, Crustacea) | 10.2 | Alexander, H. C., Dill, D. C., Smith, L. W., Guiney, P. D., Dorn, P., 1988. Bisphenol A: Acute Aquatic Toxicity. *Environmental Toxicology and Chemistry*, v. 7, n. 1, p. 19-26. doi:10.1002/etc.5620070104. ECOREF#:494 |
| *Daphnia magna* (Cladocera, Crustacea) | 10.5 | Brennan, S. J., Brougham, C. A., Roche, J. J., Fogarty, A. M., 2006. Multi-generational effects of four selected environmental oestrogens on *Daphnia magna. Chemosphere*, v. 64, n. 1, p. 49–55. https://doi.org/10.1016/j.chemosphere.2005.11.046 |
| *Ceriodaphnia dubia* (Cladocera, Crustacea) | 2 | Cho, E.A., 2005. Bioturbation as a Novel Method to Characterize the Toxicity of Aquatic Sediment. Ph.D. Thesis, North Carolina State University, Raleigh, NC, 153 p. ECOREF#:155191 |
| *Gammarus pulex* (Crustacea, Amphipoda) | 5.6 | Watts, M.M., Pascoe, D., Carroll, K., 2001. Survival and Precopulatory Behavior of *Gammarus pulex* (L.) Exposed to Two Xenoestrogens. *Water Research*, v. 35, n. 10, p. 2347-2352. doi:10.1016/S0043-1354(00)00537-6. ECOREF#:61097 |
| *Gammarus pulex* (Crustacea, Amphipoda) | 2 | Watts, M.M., Pascoe, D., Carroll, K., 2001. Survival and Precopulatory Behavior of *Gammarus pulex* (L.) Exposed to Two Xenoestrogens. *Water Research*, v. 35, n. 10, p. 2347-2352. doi:10.1016/S0043-1354(00)00537-6. ECOREF#:61097 |
| *Gammarus pulex* (Crustacea, Amphipoda) | 1.49 | Watts, M.M., Pascoe, D., Carroll, K., 2001. Survival and Precopulatory Behavior of *Gammarus pulex* (L.) Exposed to Two Xenoestrogens. *Water Research*, v. 35, n. 10, p. 2347-2352. doi:10.1016/S0043-1354(00)00537-6. ECOREF#:61097 |

| | | |
|---|---|---|
| *Gammarus pulex* (Crustacea, Amphipoda) | 5.36 | Mariager, L.P., 2001. Effects of Environmental Endocrine Disruptors on a Freshwater and a Marine Crustacean. M.S. Thesis, Aarhus University, Institute of Biological Sciences, Aarhus, Denmark, 143 p. ECOREF#:172856 |
| *Daphnia magna* (Cladocera, Crustacea) | 8.11 | Chen, S., X. Li, H. Li, S. Yuan, J. Li, Liu, C., 2021. Greater Toxic Potency of Bisphenol AF than Bisphenol A in Growth, Reproduction, and Transcription of Genes in *Daphnia magna*. *Environmental Science and Pollution Research.,* v. 28, n. 20, p. 25218-25227. doi:10.1007/s11356-020-12153-5. ECOREF#:188280 |
| *Gammarus pulex* (Crustacea, Amphipoda) | 12.8 | Watts, M.M., Pascoe, D., Carroll, K., 2001. Survival and Precopulatory Behavior of *Gammarus pulex* (L.) Exposed to Two Xenoestrogens. *Water Research*, v. 35, n. 10, p. 2347-2352. doi:10.1016/S0043-1354(00)00537-6. ECOREF#:61097 |
| *Daphnia magna* (Cladocera, Crustacea) | 0.81 | Brennan, S. J., Brougham, C. A., Roche, J. J., Fogarty, A. M., 2006. Multi-generational effects of four selected environmental oestrogens on *Daphnia magna. Chemosphere*, v. 64, n. 1, p. 49–55. https://doi.org/10.1016/j.chemosphere.2005.11.046 |
| *Daphnia magna* (Cladocera, Crustacea) | 12.8 | Hirano, M., H. Ishibashi, N. Matsumura, Y. Nagao, N. Watanabe, A. Watanabe, N. Onikura, K. Kishi, Arizono, K., 2004. Acute Toxicity Responses of Two Crustaceans, *Americamysis bahia* and *Daphnia magna*, to Endocrine Disrupters. *Journal of Health Sciences*., v. 50, n. 1, p. 97-100. doi:10.1248/jhs.50.97. ECOREF#:94641 |
| *Gammarus pulex* (Crustacea, Amphipoda) | 2 | Brennan, S. J., Brougham, C. A., Roche, J. J., Fogarty, A. M., 2006. Multi-generational effects of four selected environmental oestrogens on *Daphnia magna. Chemosphere*, v. 64, n. 1, p. 49–55. https://doi.org/10.1016/j.chemosphere.2005.11.046 |
| *Hyalella azteca* (Crustacea, Amphipoda) | 0.78 | Mihaich, E. M., Friederich, U., Caspers, N., Hall, A. T., Klecka, G. M., Dimond, S. S., Staples, C. A., Ortego, L. S., Hentges, S. G., 2009. Acute and chronic toxicity testing of bisphenol A with aquatic invertebrates and plants. *Ecotoxicology and Environmental Safety*, v. 72, n. 5, p. 1392–1399. https://doi.org/10.1016/j.ecoenv.2009.02.005 |
| *Xiphophorus helleri* (Pisces, Poeciliidae) | 17.93 | Kwak, H.I., M.O. Bae, M.H. Lee, Y.S. Lee, B.J. Lee, K.S. Kang, C.H. Chae, H.J. Sung, J.S. Shin, J.H. Kim, W.C. Mar, Y.Y., 2001. Effects of Nonylphenol, Biphenol A, and Their Mixture on the Viviparous Swordtail Fish (Xiphophorus helleri*). Environmental Toxicology and Chemistry*, v. 20, n. 4, p. 787-795. doi:10.1002/etc.5620200414. ECOREF#:59960 |
| *Danio rerio* (Teleostei, Cyprinidae) | 10.56 | Padilla, S., Corum, D., Padnos, B., Hunter, D. L., Beam, A., Houck, K. A., Sipes, N., Kleinstreuer, N., Knudsen, T., Dix, D. J., Reif, D. M., 2012. Zebrafish developmental screening of the ToxCast™ Phase I chemical library. *Reproductive Toxicology* (Elmsford, N.Y.), v. 33, n. 2, p. 174–187. https://doi.org/10.1016/j.reprotox.2011.10.018 |
| *Danio rerio* (Teleostei, Cyprinidae) | 12.3 | Tišler, T., Krel, A., Gerželj, U., Erjavec, B., Dolenc, M. S., Pintar, A., 2016. Hazard Identification and Risk Characterization of Bisphenols A, F and AF to Aquatic Organisms. *Environmental Pollution*, v. 212, p. 472-479. doi:10.1016/j.envpol.2016.02.045. ECOREF#:186111 |
| *Danio rerio* (Teleostei, Cyprinidae) | 5.25 | Chan, W.K., Chan, K. M., 2012. Disruption of the Hypothalamic-Pituitary-Thyroid Axis in Zebrafish Embryo-Larvae Following Waterborne Exposure to BDE-47, TBBPA and BPA. *Aquatic Toxicology*, v. 108, n. 106-111. doi:10.1016/j.aquatox.2011.10.013. ECOREF#:159203 |
| *Danio rerio* (Teleostei, Cyprinidae) | 11.3 | Schiller, V., X. Zhang, M. Hecker, C. Schafers, R. Fischer, Fenske, M., 2014. Species-Specific Considerations in Using |

| | | |
|---|---|---|
| | | the Fish Embryo Test as an Alternative to Identify Endocrine Disruption. *Aquatic Toxicology*, v. 155, n. 62-72. doi:10.1016/j.aquatox.2014.06.005. ECOREF#:169182 |
| *Danio rerio* (Teleostei, Cyprinidae) | 7.5 | Plahuta, M., Tišler, T., Pintar, A., Toman, M. J., 2015. Adverse effects of bisphenol A on water louse (Asellus aquaticus). *Ecotoxicology and Environmental Safety*, v. 117, p. 81–88. https://doi.org/10.1016/j.ecoenv.2015.03.031 |
| *Danio rerio* (Teleostei, Cyprinidae) | 13.9 | Tišler, T., Krel, A., Gerželj, U., Erjavec, B., Dolenc, M. S., Pintar, A., 2016. Hazard Identification and Risk Characterization of Bisphenols A, F and AF to Aquatic Organisms. *Environmental Pollution*., v. 212, p. 472-479. doi:10.1016/j.envpol.2016.02.045. ECOREF#:186111 |
| *Oryzias latipes* (Teleostei, Beloniformes) | 7.73 | Li, D., Bi, R., Chen, H., Mu, L., Zhang, L., Chen, Q., Xie, H., Luo, Y., Xie, L., 2017. The acute toxicity of bisphenol A and lignin-derived bisphenol in algae, daphnids, and Japanese medaka. *Environmental Science And Pollution Research International*, v. 24, n. 30, p. 23872–23879. https://doi.org/10.1007/s11356-017-0018-y |
| *Danio rerio* (Teleostei, Cyprinidae) | 5.25 | Chow, W. S., Chan, W. K., Chan, K. M., 2013. Toxicity assessment and vitellogenin expression in zebrafish (*Danio rerio*) embryos and larvae acutely exposed to bisphenol A, endosulfan, heptachlor, methoxychlor and tetrabromobisphenol A. *Journal of Applied Toxicology: JAT*, v. 33, n. 7, p. 670–678. https://doi.org/10.1002/jat.2723 |
| *Danio rerio* (Teleostei, Cyprinidae) | 4 | Tišler, T., Krel, A., Gerželj, U., Erjavec, B., Dolenc, M. S., Pintar, A., 2016. Hazard Identification and Risk Characterization of Bisphenols A, F and AF to Aquatic Organisms. *Environmental Pollution*, v. 212, p. 472-479. doi:10.1016/j.envpol.2016.02.045. ECOREF#:186111 |
| *Danio rerio* (Teleostei, Cyprinidae) | 8.26 | Haggard, D. E., Noyes, P. D., Waters, K. M., Tanguay, R. L., 2018. Transcriptomic and phenotypic profiling in developing zebrafish exposed to thyroid hormone receptor agonists. *Reproductive Toxicology* (Elmsford, N.Y.), v. 77, p. 80–93. https://doi.org/10.1016/j.reprotox.2018.02.006 |
| *Danio rerio* (Teleostei, Cyprinidae) | 5.71 | Moreman, J., O. Lee, M., Trznadel, A., David, T. Kudoh, Tyler, C. R., 2017. Acute Toxicity, Teratogenic, and Estrogenic Effects of Bisphenol A and Its Alternative Replacements Bisphenol S, Bisphenol F, and Bisphenol AF in Zebrafish Embryo-Larvae. *Environmental Science & Technology*, v. 51, n. 21, p. 12796-12805. doi:10.1021/acs.est.7b03283. ECOREF#:188247 |
| *Pimephales promelas* (Actinopterygii, Cyprinidae) | 0.16 | Brian, J. V., C.A. Harris, M. Scholze, T. Backhaus, P. Booy, M. Lamoree, G. Pojana, N. Jonkers, T. Runnalls, A. Bonfa, A., 2005. Accurate Prediction of the Response of Freshwater Fish to a Mixture of Estrogenic Chemicals. *Environmental Health Perspective*, v. 113, n. 6, p. 721-728. doi:10.1289/ehp.7598. ECOREF#:92397 |
| *Oryzias latipes* (Teleostei, Beloniformes) | 9.8 | Schiller, V., X. Zhang, M. Hecker, C. Schafers, R. Fischer, Fenske, M., 2014. Species-Specific Considerations in Using the Fish Embryo Test as an Alternative to Identify Endocrine Disruption. *Aquatic Toxicology*, v. 155, p. 62-72. doi:10.1016/j.aquatox.2014.06.005. ECOREF#:169182 |
| *Ctenopharyngodon idella* (Actinopterygii, Cyprinidae) | 6.43 | Faheem, M., Lone, K. P., 2017. Oxidative stress and histopathologic biomarkers of exposure to bisphenol-A in the freshwater fish, *Ctenopharyngodon idella. Brazilian Journal of Pharmaceutical Sciences* v. 53, n. 3. https://doi.org/10.1590/s2175-97902017000317003 |
| *Carassius auratus* (Teleostei, Cyprinidae) | 0.11 | Li, Z., H. Zhang, M. Gibson, Liu, P., 2012. An Evaluation of the Combined Effects of Phenolic Endocrine Disruptors on Vitellogenin Induction in Goldfish *Carassius auratus. Ecotoxicology*, v. 21, n. 7, p. 1919-1927. doi:10.1007/s10646-012-0925-0. ECOREF#:172982 |

| | | |
|---|---|---|
| *Corbicula fluminea* (Corbiculidae, Bivalvia) | 7.50 | Seoane, M., Cid, Á., Herrero, C., Esperanza, M., 2021. Comparative acute toxicity of benzophenone derivatives and bisphenol analogues in the Asian clam *Corbicula fluminea*. *Ecotoxicology*, v. 30, n. 1, p. 142–153. https://doi.org/10.1007/s10646-020-02299-w |
| *Pomacea lineata* (Gastropoda, Ampullariidae) | 3.14 | De Andrade, A. L. C., Soares, P. R. L., da Silva, S. C. B. L., da Silva, M. C. G., Santos, T. P., Cadena, M. R. S., Soares, P. C., Cadena, P. G., 2017. Evaluation of the toxic effect of endocrine disruptor Bisphenol A (BPA) in the acute and chronic toxicity tests with *Pomacea lineata* gastropod. *Comparative Biochemistry and Physiology. Toxicology & pharmacology CBP*, v. 197, p. 1–7. https://doi.org/10.1016/j.cbpc.2017.04.002 |
| *Channa punctatus* (Teleostei, Channidae) | 7.62 | Sharma, P., Chadha, P., 2021. Bisphenol A induced toxicity in blood cells of freshwater fish *Channa punctatus* after acute exposure. *Saudi Journal of Biological Sciences*, v. 28, n. 8, p. 4738–4750. https://doi.org/10.1016/j.sjbs.2021.04.088 |
| *Labeo bata* (Actinopterygii, Cyprinidae) | 4.79 | Mukherjee, U., Samanta, A., Biswas, S., Das, S., Ghosh, S., Mandal, D. K., Maitra, S., 2020. Bisphenol A-induced oxidative stress, hepatotoxicity and altered estrogen receptor expression in *Labeo bata*: impact on metabolic homeostasis and inflammatory response. *Ecotoxicology and Environmental Safety*, v. 202, 110944. https://doi.org/10.1016/j.ecoenv.2020.110944 |
| *Hydra magnipapillata* (Hydrozoa, Hydridae) | 5.14 | Murugadas, A., Mahamuni D., Nirmaladevi S. D., Thamaraiselvi K., Thirumurugan R., Akbarsha M.A., 2019. *Hydra* as an alternative model organism for toxicity testing: Study using the endocrine disrupting chemical Bisphenol A. *Biocatalysis and Agricultural Biotechnology*, v. 17, p. 680-684,https://doi.org/10.1016/j.bcab.2019.01.009. |
| *Gambusia affinis* (Actinopterygii Poeciliidae) | 7.74 | Belhamra, R., Tichati, L., Trea, F. Ouali, K., 2023. Effect of subacute treatment with bisphenol A on oxidative stress biomarkers and lipid peroxidation in *Gambusia affinis* mosquitofish. *Toxicology and Environmental Health Sciences*. v. 15, p. 61–72. https://doi.org/10.1007/s13530-022-00161-6 |
| *Stephanodiscus hantzschii* (Stephanodiscaceae) | 8.60 | Li, R., Chen, G. Z., Tam, N. F., Luan, T. G., Shin, P. K., Cheung, S. G., Liu, Y., 2009. Toxicity of bisphenol A and its bioaccumulation and removal by microalga *Stephanodiscus hantzschii*. *Ecotoxicology and Environmental Safety*, v. 72, n. 2, p. 321–328. https://doi.org/10.1016/j.ecoenv.2008.05.012 |
| *Cylindrospermopsis raciborskii* (Cyanophyceae) | 9.63 | Xiang, R., Shi, J., Yu, Y., Zhang, H., Dong, C., Yang, Y., Wu, Z., 2018. The Effect of Bisphenol A on Growth, Morphology, Lipid Peroxidation, Antioxidant Enzyme Activity, and PS II in *Cylindrospermopsis raciborskii* and *Scenedesmus quadricauda*. *Archives Of Environmental Contamination and Toxicology*, v. 74, n. 4, p. 515–526. https://doi.org/10.1007/s00244-017-0454-1 |
| *Danio rerio* (Teleostei, Cyprinidae) | 1.41 | Segner, H., Caroll, K., Fenske, M., Janssen, C. R., Maack, G., Pascoe, D., Schäfers, C., Vandenbergh, G. F., Watts, M., Wenzel, A., 2003. Identification of endocrine-disrupting effects in aquatic vertebrates and invertebrates: report from the European IDEA project. *Ecotoxicology and Environmental Safety*, v. 54, n. 3, p. 302–314. https://doi.org/10.1016/s0147-6513(02)00039-8 |
| *Danio rerio* (Teleostei, Cyprinidae) | 4.7 | Stinckens, E., L. Vergauwen, G.T. Ankley, R. Blust, V.M. Darras, D.L. Villeneuve, H. Witters, D.C. Volz,, Knapen, D., 2018. An AOP-Based Alternative Testing Strategy to Predict the Impact of Thyroid Hormone Disruption on Swim Bladder Inflation in Zebrafish. *Aquatic Toxicology*., v. 200, |

| | | |
|---|---|---|
| | | p. 1-12. doi:10.1016/j.aquatox.2018.04.009. ECOREF#:184848 |
| *Danio rerio* (Teleostei, Cyprinidae) | 4.56 | Selderslaghs, I. W., Blust, R., Witters, H. E., 2012. Feasibility study of the zebrafish assay as an alternative method to screen for developmental toxicity and embryotoxicity using a training set of 27 compounds. *Reproductive Toxicology*, v. 33, n. 2, p. 142–154. https://doi.org/10.1016/j.reprotox.2011.08.003 |
| *Danio rerio* (Teleostei, Cyprinidae) | 6.85 | Selderslaghs, I. W., Blust, R., Witters, H. E., 2012. Feasibility study of the zebrafish assay as an alternative method to screen for developmental toxicity and embryotoxicity using a training set of 27 compounds. *Reproductive Toxicology*, v. 33, n. 2, p. 142–154. https://doi.org/10.1016/j.reprotox.2011.08.003 |
| *Oryzias latipes* (Teleostei, Beloniformes) | 9 | Kashiwada, S., Ishikawa, H., Miyamoto, N., Ohnishi, Y., Magara, Y., 2002. Fish test for endocrine-disruption and estimation of water quality of Japanese rivers. *Water Research,* v. 36, n. 8, p. 2161–2166. https://doi.org/10.1016/s0043-1354(01)00406-7 |
| *Danio rerio* (Teleostei, Cyprinidae) | 8.04 | Chow, W. S., Chan, W. K., Chan, K. M., 2013. Toxicity assessment and vitellogenin expression in zebrafish (*Danio rerio*) embryos and larvae acutely exposed to bisphenol A, endosulfan, heptachlor, methoxychlor and tetrabromobisphenol A. *Journal of Applied Toxicology*: *JAT*, v. 33, n. 7, p. 670–678. https://doi.org/10.1002/jat.2723 |
| *Pimephales promelas* (Actinopterygii, Cyprinidae) | 4.61 | Alexander, H. C., Dill, D. C., Smith, L. W., Guiney, P. D., Dorn, P., 1988. Bisphenol A: Acute Aquatic Toxicity. *Environmental Toxicology and Chemistry*, v. 7, n. 1, p. 19-26. doi:10.1002/etc.5620070104. ECOREF#:494 |
| *Danio rerio* (Teleostei, Cyprinidae) | 8 | Stinckens, E., L. Vergauwen, G.T. Ankley, R. Blust, V.M. Darras, D.L. Villeneuve, H. Witters, D.C. Volz, Knapen, D., 2018. An AOP-Based Alternative Testing Strategy to Predict the Impact of Thyroid Hormone Disruption on Swim Bladder Inflation in Zebrafish. *Aquatic Toxicology*., v. 200, p. 1-12. doi:10.1016/j.aquatox.2018.04.009. ECOREF#:184848 |
| *Danio rerio* (Teleostei, Cyprinidae) | 10.4 | Mu, X., Y. Huang, X. Li, Y. Lei, M. Teng, X. Li, C. Wang, Li, Y., 2018. Developmental Effects and Estrogenicity of Bisphenol A Alternatives in a Zebrafish Embryo Model. *Environmental Science & Technology* , v. 52, n. 5, p. 3222-3231. doi:10.1021/acs.est.7b06255. ECOREF#:177251 |
| *Oryzias latipes* (Teleostei, Beloniformes) | 5.1 | Kashiwada, S., Ishikawa, H., Miyamoto, N., Ohnishi, Y., Magara, Y., 2002. Fish test for endocrine-disruption and estimation of water quality of Japanese rivers. *Water Research*, v. 36, n. 8, p. 2161–2166. https://doi.org/10.1016/s0043-1354(01)00406-7 |
| *Danio rerio* (Teleostei, Cyprinidae) | 4 | McCormick, J. M., 2010. Microbial Transformations of Tetrabromobisphenol A and Its Metabolites, and Their Impact on Toxicity to the Developing Zebrafish (Danio rerio) Embryo. Ph.D.Thesis, Rutgers, The State University of New Jersey, New Brunswick, NJ, 191 p. ECOREF#:166223 |
| *Danio rerio* (Teleostei, Cyprinidae) | 8.04 | Chan, W. K., Chan, K. M., 2012. Disruption of the Hypothalamic-Pituitary-Thyroid Axis in Zebrafish Embryo-Larvae Following Waterborne Exposure to BDE-47, TBBPA and BPA. *Aquatic Toxicology*, v. 108, p. 106-111. doi:10.1016/j.aquatox.2011.10.013. ECOREF#:159203 |
| *Danio rerio* (Teleostei, Cyprinidae) | 11.84 | Moreman, J., O. Lee, M., Trznadel, A., David, T. Kudoh, Tyler, C. R., 2017. Acute Toxicity, Teratogenic, and Estrogenic Effects of Bisphenol A and Its Alternative Replacements Bisphenol S, Bisphenol F, and Bisphenol AF in Zebrafish Embryo-Larvae. *Environmental Science &* |

| | | |
|---|---|---|
| | | *Technology*, v. 51, n. 21, p. 12796-12805. doi:10.1021/acs.est.7b03283. ECOREF#:188247 |
| *Pimephales promelas* (Actinopterygii, Cyprinidae) | 4.2 | Corrales, J., Kristofco, L. A., Steele, W. B., Saari, G. N., Kostal, J., Williams, E. S., Mills, M., Gallagher, E. P., Kavanagh, T. J., Simcox, N., Shen, L. Q., Melnikov, F., Zimmerman, J. B., Voutchkova-Kostal, A. M., Anastas, P. T., Brooks, B. W., 2017. Toward the Design of Less Hazardous Chemicals: Exploring Comparative Oxidative Stress in Two Common Animal Models. *Chemical Research in Toxicology*, v. 30, n. 4, v. 893–904. https://doi.org/10.1021/acs.chemrestox.6b00246 |
| *Danio rerio* (Teleostei, Cyprinidae) | 7.98 | Ji, G., J. Gu, M. Guo, L. Zhou, Z. Wang, L. Shi, Gu, A., 2022. A Systematic Comparison of the Developmental Vascular Toxicity of Bisphenol A and Its Alternatives In Vivo and In Vitro. *Chemosphere*, v. 291, n. 10. doi:10.1016/j.chemosphere.2021.132936. ECOREF#:188361 |
| *Danio rerio* (Teleostei, Cyprinidae) | 18.24 | Martínez, R., Herrero-Nogareda, L., Van Antro, M., Campos, M. P., Casado, M., Barata, C., Piña, B., Navarro-Martín, L., 2019. Morphometric signatures of exposure to endocrine disrupting chemicals in zebrafish eleutheroembryos. *Aquatic Toxicology* (Amsterdam, Netherlands), v. 214, 105232. https://doi.org/10.1016/j.aquatox.2019.105232 |
| *Danio rerio* (Teleostei, Cyprinidae) | 6.99 | Ji, G., J. Gu, M. Guo, L. Zhou, Z. Wang, L. Shi, Gu, A., 2022. A Systematic Comparison of the Developmental Vascular Toxicity of Bisphenol A and Its Alternatives In Vivo and In Vitro. *Chemosphere,* v. 291, n. 10. doi:10.1016/j.chemosphere.2021.132936. ECOREF#:188361 |
| *Danio rerio* (Teleostei, Cyprinidae) | 13.92 | Fei, X.C., C. Song, Gao, H. W., 2010. Transmembrane Transports of Acrylamide and Bisphenol A and Effects on Development of Zebrafish (*Danio rerio*). *Journal of Hazardous Materials*, v. 184, n. 1-3, p. 81-88. doi:10.1016/j.jhazmat.2010.08.007. ECOREF#:170183 |
| *Danio rerio* (Teleostei, Cyprinidae) | 15.98 | Saili, K.S., M.M. Corvi, D.N. Weber, A.U. Patel, S.R. Das, J. Przybyla, K.A. Anderson, Tanguay, R. L., 2012. Neurodevelopmental Low-Dose Bisphenol A Exposure Leads to Early Life-Stage Hyperactivity and Learning Deficits in Adult Zebrafish. *Toxicology*, v. 291, n. 1-3, p. 83-92. doi:10.1016/j.tox.2011.11.001. ECOREF#:164896 |
| *Danio rerio* (Teleostei, Cyprinidae) | 6.81 | Ji, G., J. Gu, M. Guo, L. Zhou, Z. Wang, L. Shi, Gu, A., 2022. A Systematic Comparison of the Developmental Vascular Toxicity of Bisphenol A and Its Alternatives In Vivo and In Vitro. Chemosphere, v. 291, n. 10. doi:10.1016/j.chemosphere.2021.132936. ECOREF#:188361 |
| *Danio rerio* (Teleostei, Cyprinidae) | 5 | McCormick, J. M., Van Es, T., Cooper, K. R., White, L. A., Häggblom, M. M., 2011. Microbially mediated O-methylation of bisphenol A results in metabolites with increased toxicity to the developing zebrafish (*Danio* rerio) embryo. *Environmental Science & Technology*, v. 45, n. 15, p. 6567–6574. https://doi.org/10.1021/es200588w |
| *Oryzias latipes* (Teleostei, Beloniformes) | 6.8 | Kashiwada, S., Ishikawa, H., Miyamoto, N., Ohnishi, Y., Magara, Y., 2002. Fish test for endocrine-disruption and estimation of water quality of Japanese rivers. *Water Research*, v. 36, n. 8, p. 2161–2166. https://doi.org/10.1016/s0043-1354(01)00406-7 |
| *Danio rerio* (Teleostei, Cyprinidae) | 12.8 | Corrales, J., Kristofco, L. A., Steele, W. B., Saari, G. N., Kostal, J., Williams, E. S., Mills, M., Gallagher, E. P., Kavanagh, T. J., Simcox, N., Shen, L. Q., Melnikov, F., Zimmerman, J. B., Voutchkova-Kostal, A. M., Anastas, P. T., Brooks, B. W., 2017. Toward the Design of Less Hazardous Chemicals: Exploring Comparative Oxidative Stress in Two Common Animal Models. *Chemical Research* |

| | | |
|---|---|---|
| | | *in Toxicology*, p. 30, n. 4, p. 893–904. https://doi.org/10.1021/acs.chemrestox.6b00246 |
| *Cyprinus carpio* (Teleostei, Cyprinidae) | 6.48 | Jung, J. W., J.S. Kang, J. Choi, Park, J. W. 2020. Chronic Toxicity of Endocrine Disrupting Chemicals Used in Plastic Products in Korean Resident Species: Implications for Aquatic Ecological Risk Assessment. *Ecotoxicology and Environmental Safety*, v. 192, n. 9. doi:10.1016/j.ecoenv.2020.110309. ECOREF#:182498 |
| *Danio rerio* (Teleostei, Cyprinidae) | 11.69 | Gao, Y., Li, A., Zhang, W., Pang, S., Liang, Y., Song, M., 2022. Assessing the toxicity of bisphenol A and its six alternatives on zebrafish embryo/larvae. *Aquatic Toxicology*, v. 246, 106154. https://doi.org/10.1016/j.aquatox.2022.106154 |
| *Oryzias latipes* (Teleostei, Beloniformes) | 5.1 | Kashiwada, S., Ishikawa, H., Miyamoto, N., Ohnishi, Y., Magara, Y., 2002. Fish test for endocrine-disruption and estimation of water quality of Japanese rivers. *Water Research*, v. 36, n. 8, p. 2161–2166. https://doi.org/10.1016/s0043-1354(01)00406-7 |
| *Danio rerio* (Teleostei, Cyprinidae) | 15.9 | Tišler, T., Krel, A., Gerželj, U., Erjavec, B., Dolenc, M. S., Pintar, A., 2016. Hazard Identification and Risk Characterization of Bisphenols A, F and AF to Aquatic Organisms. *Environmental Pollution*, v. 212, p. 472-479. doi:10.1016/j.envpol.2016.02.045. ECOREF#:186111 |
| *Danio rerio* (Teleostei, Cyprinidae) | 8.67 | Fei, X.C., Song, C. Gao, H. O., 2010. Transmembrane Transports of Acrylamide and Bisphenol A and Effects on Development of Zebrafish (*Danio rerio*). Journal of Hazardous Materials., 184, (1-3), 81-88. doi:10.1016/j.jhazmat.2010.08.007. ECOREF#:170183 |
| *Danio rerio* (Teleostei, Cyprinidae) | 18.2 | Plahuta, M., Tišler, T., Pintar, A., Toman, M. J., 2015. Adverse effects of bisphenol A on water louse (*Asellus aquaticus*). *Ecotoxicology and Environmental Safety*, v. 117, p. 81–88. https://doi.org/10.1016/j.ecoenv.2015.03.031 |
| *Danio rerio* (Teleostei, Cyprinidae) | 6.99 | Ji, G., J. Gu, M. Guo, L. Zhou, Z. Wang, L. Shi, Gu, A., 2022. A Systematic Comparison of the Developmental Vascular Toxicity of Bisphenol A and Its Alternatives In Vivo and In Vitro. *Chemosphere*, v. 291, n. 10. doi:10.1016/j.chemosphere.2021.132936. ECOREF#:188361 |
| *Danio rerio* (Teleostei, Cyprinidae) | 3.99 | McCormick, J. M., Van Es, T., Cooper, K. R., White, L. A., Häggblom, M. M., 2011. Microbially mediated O-methylation of bisphenol A results in metabolites with increased toxicity to the developing zebrafish (*Danio* rerio) embryo. *Environmental Science & Technology*, v. 45, n. 15, p. 6567–6574. https://doi.org/10.1021/es200588w |
| *Oryzias latipes* (Teleostei, Beloniformes) | 8.3 | Kashiwada, S., Ishikawa, H., Miyamoto, N., Ohnishi, Y., Magara, Y., 2002. Fish test for endocrine-disruption and estimation of water quality of Japanese rivers. *Water Research*, v. 36, n. 8, p. 2161–2166. https://doi.org/10.1016/s0043-1354(01)00406-7 |
| *Danio rerio* (Teleostei, Cyprinidae) | 9.81 | Blanc, M., J. Ruegg, N. Scherbak, Keiter, S. H., 2019. Environmental Chemicals Differentially Affect Epigenetic-Related Mechanisms in the Zebrafish Liver (ZF-L) Cell Line and in Zebrafish Embryos. *Aquatic Toxicology*, v. 215, 105272-9999. doi:10.1016/j.aquatox.2019.105272. ECOREF#:180988 |
| *Danio rerio* (Teleostei, Cyprinidae) | 4.56 | Selderslaghs, I. W., Blust, R., Witters, H. E., 2012. Feasibility study of the zebrafish assay as an alternative method to screen for developmental toxicity and embryotoxicity using a training set of 27 compounds. *Reproductive Toxicology*, v. 33, n. 2, p. 142–154. https://doi.org/10.1016/j.reprotox.2011.08.003 |
| *Danio rerio* (Teleostei, Cyprinidae) | 15.98 | Selderslaghs, I. W., Blust, R., Witters, H. E., 2012. Feasibility study of the zebrafish assay as an alternative |

| | | |
|---|---|---|
| | | method to screen for developmental toxicity and embryotoxicity using a training set of 27 compounds. *Reproductive Toxicology*, v. 33, n. 2, p. 142–154. https://doi.org/10.1016/j.reprotox.2011.08.003 |
| *Oryzias latipes* (Teleostei, Beloniformes) | 7.5 | Tabata, A., Kashiwada, S., Ohnishi, Y., Ishikawa, H., Miyamoto, N., Itoh, M., Magara, Y., 2001. Estrogenic influences of estradiol-17 beta, p-nonylphenol and bis-phenol-A on Japanese medaka (*Oryzias latipes*) at detected environmental concentrations. *Water Science and Tecnology*: a journal of the International Association on Water Pollution Research, v. 43, n. 2, p. 109–116. |
| *Oncorhynchus mykiss* (Teleostei, Salmonidae) | 15 | Debenest, T., Gagné, F., Petit, A. N., André, C., Kohli, M., Blaise, C., 2010. Ecotoxicity of a Brominated Flame Retardant (Tetrabromobisphenol A) and Its Derivatives to Aquatic Organisms. *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*, v. 152, n. 4, p. 407-412. doi:10.1016/j.cbpc.2010.06.009. ECOREF#:170180 |
| *Chironomus riparius* (Diptera, Chironomidae) | 6.03 | Lee, S. B., Choi J., 2007. Effects of Bisphenol A and Ethynyl Estradiol Exposure on Enzyme Activities, Growth and Development in the Fourth Instar Larvae of *Chironomus riparius* (Diptera, Chironomidae). *Ecotoxicology and Environmental Safety*, v. 68, p. 84-90. doi:10.1016/j.ecoenv.2006.07.003. ECOREF#:91993 |
| *Chironomus tentans* (Diptera, Chironomidae) | 2.7 | Mihaich, E. M., Friederich, U., Caspers, N., Hall, A. T., Klecka, G. M., Dimond, S. S., Staples, C. A., Ortego, L. S., Hentges, S. G., 2009. Acute and chronic toxicity testing of bisphenol A with aquatic invertebrates and plants. *Ecotoxicology and Environmental Safety*, v. 72, n. 5, p. 1392–1399. https://doi.org/10.1016/j.ecoenv.2009.02.005 |
| *Chironomus tentans* (Diptera, Chironomidae) | 3.26 | Park, S.Y., Choi, J., 2007. Cytotoxicity, Genotoxicity and Ecotoxicity Assay Using Human Cell and Environmental Species for the Screening of the Risk from Pollutant Exposure. *Environment International*, v. 33, n. 6, p. 817-822. doi:10.1016/j.envint.2007.03.014. ECOREF#:95949 |
| *Chironomus riparius* (Diptera, Chironomidae) | 11.51 | Segner, H., Caroll, K., Fenske, M., Janssen, C. R., Maack, G., Pascoe, D., Schäfers, C., Vandenbergh, G. F., Watts, M., Wenzel, A., 2003. Identification of endocrine-disrupting effects in aquatic vertebrates and invertebrates: report from the European IDEA project. *Ecotoxicology and Environmental Safety*, v. 54, n. 3, p. 302–314. https://doi.org/10.1016/s0147-6513(02)00039-8 |
| *Hydra vulgaris* (Cnidaria, Hydrozoa) | 1.3 | Debenest, T., Gagné, F., Petit, A. N., André, C., Kohli, M., Blaise, C., 2010. Ecotoxicity of a Brominated Flame Retardant (Tetrabromobisphenol A) and Its Derivatives to Aquatic Organisms. *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*, v. 152, n. 4, p. 407-412. doi:10.1016/j.cbpc.2010.06.009. ECOREF#:170180 |
| *Hydra vulgaris* (Cnidaria, Hydrozoa) | 6.9 | Pascoe, D. Carroll, K., Karntanut, W., Watts, M. M., 2002. Toxicity of 17alpha-Ethinylestradiol and Bisphenol A to the Freshwater Cnidarian *Hydra vulgaris*. *Archives of Environmental Contamination and Toxicology*, v. 43, n. 1, p. 56-63. doi:10.1007/s00244-001-0016-3. ECOREF#:66281 |
| *Hydra vulgaris* (Cnidaria, Hydrozoa) | 12.4 | Pascoe, D. Carroll, K., Karntanut, W., Watts, M. M., 2002. Toxicity of 17alpha-Ethinylestradiol and Bisphenol A to the Freshwater Cnidarian *Hydra vulgaris*. *Archives of Environmental Contamination and Toxicology*, v. 43, n. 1, p. 56-63. doi:10.1007/s00244-001-0016-3. ECOREF#:66281 |
| *Hydra vulgaris* (Cnidaria, Hydrozoa) | 8.9 | Pascoe, D. Carroll, K., Karntanut, W., Watts, M. M., 2002. Toxicity of 17alpha-Ethinylestradiol and Bisphenol A to the Freshwater Cnidarian *Hydra vulgaris*. *Archives of* |

| | | |
|---|---|---|
| | | *Environmental Contamination and Toxicology*, v. 43, n. 1, p. 56-63. doi:10.1007/s00244-001-0016-3. ECOREF#:66281 |
| *Hydra vulgaris* (Cnidaria, Hydrozoa) | 7.5 | Pascoe, D. Carroll, K., Karntanut, W., Watts, M. M., 2002. Toxicity of 17alpha-Ethinylestradiol and Bisphenol A to the Freshwater Cnidarian *Hydra vulgaris*. *Archives of Environmental Contamination and Toxicology*, v. 43, n. 1, p. 56-63. doi:10.1007/s00244-001-0016-3. ECOREF#:66281 |
| *Daphnia similis* (Cladocera, Crustacea) | 12.05 | Spadoto, M.; Sueitt, A. P. E.; Galinaro, C. A.; Pinto, T. S.; Pompei, C. M. E.; Botta, C. M. R.; Vieira, E. M., 2017. Ecotoxicological effects of bisphenol A and nonylphenol on the freshwater cladocerans *Ceriodaphnia silvestrii* and *Daphnia similis*. *Drug and Chemical Toxicology*. v. 41, n. 4, p. 449-458 https://doi.org/10.1080/01480545.2017.1381109. |
| *Ceriodaphnia silvestrii* (Cladocera, Crustacea) | 14.44 | Spadoto, M.; Sueitt, A. P. E.; Galinaro, C. A.; Pinto, T. S.; Pompei, C. M. E.; Botta, C. M. R.; Vieira, E. M., 2017. Ecotoxicological effects of bisphenol A and nonylphenol on the freshwater cladocerans *Ceriodaphnia silvestrii* and *Daphnia similis*. *Drug and Chemical Toxicology*. v. 41, n. 4, p. 449-458 https://doi.org/10.1080/01480545.2017.1381109 |
| *Marisa cornuarietis* (Gastropoda, Ampullariidae) | 2.24 | Mihaich, E. M., Friederich, U., Caspers, N., Hall, A. T., Klecka, G. M., Dimond, S. S., Staples, C. A., Ortego, L. S., Hentges, S. G., 2009. Acute and chronic toxicity testing of bisphenol A with aquatic invertebrates and plants. *Ecotoxicology and Environmental Safety*, v. 72, n. 5, p. 1392–1399. https://doi.org/10.1016/j.ecoenv.2009.02.005 |
| *Marisa cornuarietis* (Gastropoda, Ampullariidae) | 4.03 | Mihaich, E. M., Friederich, U., Caspers, N., Hall, A. T., Klecka, G. M., Dimond, S. S., Staples, C. A., Ortego, L. S., Hentges, S. G., 2009. Acute and chronic toxicity testing of bisphenol A with aquatic invertebrates and plants. *Ecotoxicology and Environmental Safety*, v. 72, n. 5, p. 1392–1399. https://doi.org/10.1016/j.ecoenv.2009.02.005 |
| *Moina micrura* (Cladocera, Crustacea) | 0.61 | Razak, M. R.; Aris, A. Z.; Yusoff, F. M.; Yusof, Z. N. B.; Abidin, A. A. Z.; Kim, S. D.; Kim, K. W., 2023. Risk assessment of bisphenol analogues towards mortality, heart rate and stress-mediated gene expression in cladocerans *Moina micrura*. *Environmental Geochemistry and Health*, v. 45, p. 3567–3583. https://doi.org/10.1007/s10653-022-01442-2. |