

## Artigos publicados e divulgação

D.S.T. Martinez, O.L. Alves and E. Barbieri.

***Carbon nanotubes enhanced the lead toxicity on the freshwater fish***

Journal of Physics: Conference Series 429 012043 (2013);

N. Durán, D.S.T. Martinez, G.Z. Justo, R. de Lima, V.L. de Castro, G.A. Umbuzeiro, E. Barbieri, M. Durán, P.S. Melo, O.L. Alves and W.J. Fávaro.

***Interlab study on nanotoxicology of representative graphene oxide***

Journal of Physics: Conference Series, Vol. 617 012019 (2015);

J.C. Garcia, D.S.T. Martinez, O.L. Alves, A.F. Leonardo and E. Barbieri.

***Ecotoxicological effects of carbofuran and oxidised multiwalled carbon nanotubes on the freshwater fish Nile tilapia: nanotubes enhance pesticide ecotoxicity***

Ecotoxicology and Environmental Safety, Vol. 111, 131-137 (2015);

E. Barbieri, J. Campos-Garcia, D.S.T. Martinez, J.R.M.C. da Silva, O.L. Alves and K.F.O. Rezende.

***Histopathological effects of gills of Nile tilapia (*Oreochromis niloticus*, Linnaeus, 1758) exposed to Pb and carbon nanotubes***

Microscopy and Microanalysis, Vol. 22, 1162-1169 (2016);

K.F.O. Rezende, J.C. Garcia, D.S.T. Martinez, J.R. Silva, O.L. Alves and E. Barbieri.

***Histopathological alterations in the gills of Nile tilapia exposed to carbofuran and multiwalled carbon nanotubes***

Ecotoxicology and Environmental Safety, Vol. 133, 481–488 (2016);

F. Côa, Z. Clemente, M. Strauss, L.L. Rodrigues Neto, J.R. Lopes, R.S. Alencar, A.G.S. Filho, O.L. Alves, V.L. Castro and E. Barbieri.

***Coating carbon nanotubes with humic acid using an eco-friendly mechanochemical method: application for Cu(II) ions removal from water and aquatic ecotoxicity***

Science of the Total Environment, Vol. 607–608, 1479–1486 (2017);

E. Barbieri, A.M.T. Ferrarini, K.F.O. Rezende, D.S.T. Martinez and O. L. Alves.

***Effects of multiwalled carbon nanotubes and carbofuran on metabolism in *Astyanax ribeirae*, a native species***

Fish Physiology and Biochemistry, Vol. 45, 417–426 (2019);

C.B. de Melo, F. Côa, O. L. Alves, D.S.T. Martinez and E. Barbieri.

***Co-exposure of graphene oxide with trace elements: effects on acute ecotoxicity and routine metabolism in *Palaemon pandaliformis* (shrimp)***

Chemosphere, Vol. 223, 157-164 (2019);

A.M.Z. Medeiros, F. Côa, O. L. Alves, D.S.T. Martinez and E. Barbieri.

***Metabolic effects in the freshwater fish *Geophagus iporangensis* in response to single and combined exposure to graphene oxide and trace elements***

Chemosphere, Vol. 243, 125316 (2019).

## Divulgação

**Medidas preventivas.**

**Nanomateriais intensificam a ação de poluentes.**

**Nanotubos e chumbo, combinação fatal.**

**Interações fatais.**