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Qualifications

2007: Ph.D., Genetics, Universidade Federal de Minas Gerais, Brazil

2004-2005: Visiting researcher, University of Victoria, Canada

1999: B.Sc. Biology, Universidade Federal de Viçosa, Brazil

Overview

I lead the Genetic Resources Research Group at UFSJ, devoted to characterizing and understanding the Neotropical genetic diversity, particularly of freshwater fish of ecological and fisheries relevance in South America. We use traditional molecular biology, next-generation sequencing and bioinformatics to craft the development of biotechnological tools (DNA markers and peptides) to be applied in conservation and production.

Profile details

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Last publication:

Santos, R.P., Bruno, Melo F, **Yazbeck, G.M.**, Oliveira, R.S., Hiário, H., Prosdocimi, F., Carvalho, D.C. 2021. Diversification of *Prochilodus* in the eastern Brazilian Shield: evidence from complete mitochondrial genomes (Teleostei, Prochilodontidae). *Journal of Zoological Systematics and Evolutionary Research*. IN PRESS

Tonella, L.H., **Yazbeck, G.M.** et al 2021. Neotropical Freshwater Fish: a dataset of occurrence and abundance of freshwater fishes in the Neotropics. *Ecology*. IN PRESS

Carvalho, L.C., Ribeiro, J.M., **Yazbeck, G.M.** 2019. Microsatellite multiplex systems for *Brycon orbignyanus* (Characiformes: Bryconidae). *Brazilian Journal of Biology* 79, 751–754.
<https://doi.org/10.1590/1519-6984.192528>

Yazbeck, G.M., Oliveira, R.S., Ribeiro, J.M., Graciano, R.D., Santos, R.P., Carmo, F.M.S., Lavenier, D., 2018. A broad genomic panel of microsatellite loci from *Brycon orbignyanus* (Characiformes: Bryconidae) an endangered migratory Neotropical fish. *Scientific Reports* 8, 8511.
<https://doi.org/10.1038/s41598-018-26623-x>

Yazbeck, G.M., Oliveira, R.S., Ribeiro, J.M., Carmo, F.M. da S., Carvalho, M.B., 2016. First complete mitochondrial genome for any anostomid fish: *Leporinus piavussu*, a recently described piracema species. *Mitochondrial DNA Part A* 27, 2293–2294.