



ARTIGOS

Fisiologia

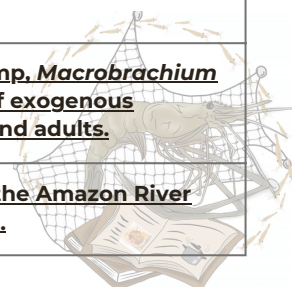
AUTORES, (ANO).

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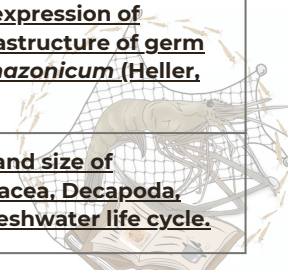
Fabri, LM; Moraes, CM; Calixto-Cunha, M; Almeida, AC; Faleiros, RO; Garçon, DP; McNamara, JC; Faria, SC; Leone, FA, (2024).	<u>(Na plus , K plus)- ATPase kinetics in <i>Macrobrachium pantanalense</i>: highlighting intra- and interspecific variation within the <i>Macrobrachium amazonicum</i> complex.</u>
Fabri, LM; Garçon, DP; Moraes, CM; Pinto, MR; McNamara, JC; Leone, FA, (2023).	<u>A kinetic characterization of the gill V(H+)-ATPase from two hololimnetic populations of the Amazon River shrimp <i>Macrobrachium amazonicum</i>.</u>
McNamara, JC; Maraschi, AC; Tapella, F; Romero, MC, (2023).	<u>Evolutionary trade-offs in osmotic and ionic regulation and expression of gill ion transporter genes in high latitude, cold climate Neotropical crabs from the ?end of the world?</u>
Faria, SC; McNamara, JC, (2023).	<u>Can hyper/hypo-osmoregulating fiddler crabs from the Atlantic coast of South America mobilize intracellular free amino acids as osmotic effectors during salinity challenge?</u>
Lee, CE; Charmantier, G; Lorin-Nebel, C, (2022).	<u>Mechanisms of Na⁺ uptake from freshwater habitats in animals.</u>
Dutra, FM; Juvenal, JR; Forneck, SC; Brazao, CC; Ballester, ELC, (2022).	<u>Gill and haematological alterations in <i>Macrobrachium amazonicum</i> adults in acute exposure to ammonia and nitrite isolated and combined.</u>
Paschoal, LRP; Zara, FJ, (2022).	<u>Is there a trade-off between sperm production and sexual weaponry in the Amazon River prawn <i>Macrobrachium amazonicum</i> (Heller, 1862)?</u>
Fabri, LM; Moraes, CM; Costa, MIC; Garçon, DP; Fontes, CFL; Pinto, MR; McNamara, JC; Leone, FA, (2022).	<u>Salinity-dependent modulation by protein kinases and the FXD2 peptide of gill (Na⁺, K⁺)-ATPase activity in the freshwater shrimp <i>Macrobrachium amazonicum</i> (Decapoda, Palaemonidae).</u>
Martins, DEG; Silva, KCA; Klautau, AGCM; Cintra, IHA; Alves, FA, (2022).	<u>REPORT OF MORPHOLOGICAL ABNORMALITIES IN <i>MACROBRACHIUM AMAZONICUM</i> (HELLER, 1862) (CARIDEA, PALAEMONIDAE) FROM THE BRAZILIAN AMAZON PROVINCE.</u>
Wang, JL; Liu, Q; Zhang, XN; Gao, G; Niu, MM; Wang, H; Chen, LZ; Wang, CL; Mu, CK; Wang, FF, (2022).	<u>Metabolic Response in the Gill of <i>Portunus trituberculatus</i> Under Short-Term Low Salinity Stress Based on GC-MS Technique.</u>
Fabri, LM; Moraes, CM; Garçon, DP; Leone, FA, (2021).	<u>Kinetic characterization of V(H plus)-ATPase activity from gill microsomal fractions of two hololimnetic populations from shrimp <i>Macrobrachium amazonicum</i>.</u>
Cuenca, ALR; Souza, MM; Freire, CA, (2021).	<u>Osmoregulatory power influences tissue ionic composition after salinity acclimation in aquatic decapods.</u>
Garçon, DP; Leone, FA; Faleiros, RO; Pinto, MR; Moraes, CM; Fabri, LM; Antunes, CD; McNamara, JC, (2021).	<u>Osmotic and ionic regulation, and kinetic characteristics of a posterior gill (Na⁺, K⁺)-ATPase from the blue crab <i>Callinectes danae</i> on acclimation to salinity challenge.</u>



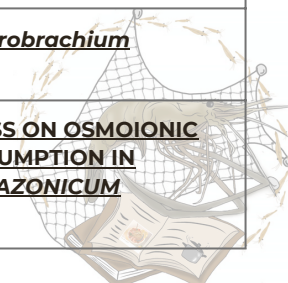
Maraschi, AC; Faria, SC; McNamara, JC, (2021).	<u>Salt transport by the gill Na⁺-K⁺-2Cl⁻ symporter in palaemonid shrimps: exploring physiological, molecular and evolutionary landscapes.</u>
Mantovani, M; McNamara, JC, (2021).	<u>Contrasting strategies of osmotic and ionic regulation in freshwater crabs and shrimps: gene expression of gill ion transporters</u>
Augusto, A; New, MB; Santos, MR; Amorim, RV; Valenti, WC, (2020).	<u>Energy budget and physiology in early ontogenetic stages of the Amazon river prawn.</u>
Nogueira, CS; Pantaleao, JAF; Costa, RC, (2021).	<u>Hybridisation experiments between freshwater prawns <i>Macrobrachium amazonicum</i> and <i>M. pantanalense</i> (Decapoda: Palaemonidae), and the effects of geographical isolation.</u>
Lucena, MN; Garçon, DP; Fontes, CFL; Fabri, LM; Moraes, CM; McNamara, JC; Leone, FA, (2019).	<u>Dopamine binding directly up-regulates (Na⁺, K⁺)-ATPase activity in the gills of the freshwater shrimp <i>Macrobrachium amazonicum</i>.</u>
Bozza, DC; Freire, CA; Prodocimo, V, (2019).	<u>Osmo-ionic regulation and carbonic anhydrase, Na⁺/K⁺-ATPase and V-H⁺ - ATPase activities in gills of the ancient freshwater crustacean <i>Aegla schmitti</i> (Anomura) exposed to high salinities.</u>
Paschoal, LRP; Zara, FJ, (2019).	<u>The androgenic gland in male morphotypes of the Amazon River prawn <i>Macrobrachium amazonicum</i> (Heller, 1862).</u>
Silva, GMF; Mendes, YA; Viana, IKS; Gonçalves, LAB; Oliveira, RS; Rocha, RM; Ferreira, MAP, (2019).	<u>Morphometry, frequency and ultrastructure of male germ cells in morphotypes of the freshwater prawn <i>Macrobrachium amazonicum</i> (Decapoda: Palaemonidae).</u>
Fabri, LM; Lucena, MN; Garçon, DP; Moraes, CM; McNamara, JC; Leone, FA, (2019).	<u>Kinetic characterization of the gill (Na⁺, K⁺)-ATPase in a hololimnetic population of the diadromous Amazon River shrimp <i>Macrobrachium amazonicum</i> (Decapoda, Palaemonidae).</u>
Faleiros, RO; Garçon, DP; Lucena, MN; McNamara, JC; Leone, FA, (2018).	<u>Short- and long-term salinity challenge, osmoregulatory ability, and (Na⁺, K⁺)-ATPase kinetics and α-subunit mRNA expression in the gills of the thinstripe hermit crab <i>Clibanarius symmetricus</i> (Anomura, Diogenidae).</u>
Ramaglia, AC; de Castro, LM; Augusto, A, (2018).	<u>Effects of ocean acidification and salinity variations on the physiology of osmoregulating and osmoconforming crustaceans.</u>
Paschoal, LRP; Zara, FJ, (2018).	<u>Sperm count of <i>Macrobrachium amazonicum</i> (Heller, 1862) populations with distinct life histories, with introduction of a simple counting method.</u>
Hayd, LA; Anger, K; Urzúa, A, (2017).	<u>Growth, elemental and proximate biochemical composition of larval Amazon River prawn, <i>Macrobrachium amazonicum</i>, reared under different salinity conditions.</u>
Faleiros, RO; Furriel, RPM; McNamara, JC, (2017).	<u>Transcriptional, translational and systemic alterations during the time course of osmoregulatory acclimation in two palaemonid shrimps from distinct osmotic niches</u>
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Dutra, FM; Rönnau, M; Sponchiado, D; Forneck, SC; Freire, CA; Ballester, ELC, (2017).	<u>Histological alterations in gills of <i>Macrobrachium amazonicum</i> juveniles exposed to ammonia and nitrite.</u>
Lucena, MN; Garçon, DP; Fontes, CFL; McNamara, JC; Leone, FA, (2017).	<u>Polyamines regulate phosphorylation-dephosphorylation kinetics in a crustacean gill (Na⁺, K⁺)-ATPase.</u>
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Dutra, FM; Freire, CA; dos Santos, AMV; Forneck, SC; Brazao, CC; Ballester, ELC, (2016).	<u>Acute Toxicity of Nitrite to Various Life Stages of the Amazon River Prawn, <i>Macrobrachium amazonicum</i>, Heller, 1862.</u>



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Pinto, MR; Lucena, MN; Faleiros, RO; Almeida, EA; McNamara, JC; Leone, FA, (2016).	<u>Effects of ammonia stress in the Amazon river shrimp <i>Macrobrachium amazonicum</i> (Decapoda, Palaemonidae).</u>
Mazzarelli, CCM; Santos, MR; Amorim, RV; Augusto, A, (2015).	<u>Effect of salinity on the metabolism and osmoregulation of selected ontogenetic stages of an amazon population of <i>Macrobrachium amazonicum</i> shrimp (Decapoda, Palaemonidae).</u>
Lucena, MN; Pinto, MR; Garçon, DP; McNamara, JC; Leone, FA, (2015).	<u>A kinetic characterization of the gill V(H⁺)-ATPase in juvenile and adult <i>Macrobrachium amazonicum</i>, a diadromous palaemonid shrimp.</u>
Boudour-Bouchecker, N; Boulo, V; Charmantier-Daures, M; Grousset, E; Anger, K; Charmantier, G; Lorin-Nebel, C, (2014).	<u>Differential distribution of V-type H⁺-ATPase and Na⁺/K⁺-ATPase in the branchial chamber of the palaemonid shrimp <i>Macrobrachium amazonicum</i>.</u>
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Bauer, RT, (2013).	<u>Amphidromy in shrimps: a life cycle between rivers and the sea.</u>
Portella, CD; Sant'Ana, LS; Valenti, WC, (2013).	<u>Chemical composition and fatty acid contents in farmed freshwater prawns</u>
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Lima, AVB; Guerra, AL; de Almeida, EA; Taddei, FG; Castiglioni, L, (2013).	<u>Characterization of esterase patterns in hepatopancreas of three species of <i>Macrobrachium</i> (Palaemonidae).</u>
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Pantaleao, JAF; Hirose, GL; Costa, RC, (2012).	<u>Relative growth, morphological sexual maturity, and size of <i>Macrobrachium amazonicum</i> (Heller 1862) (Crustacea, Decapoda, Palaemonidae) in a population with an entirely freshwater life cycle.</u>



Leone, FA; Masui, DC; Bezerra, TMD; Garçon, DP; Valenti, WC; Augusto, AS; McNamara, JC, (2012).	<u>Kinetic Analysis of Gill (Na⁺,K⁺)-ATPase Activity in Selected Ontogenetic Stages of the Amazon River Shrimp, (Decapoda, Palaemonidae): Interactions at ATP- and Cation-Binding Sites.</u>
Urzúa, A; Anger, K, (2011).	<u>Larval biomass and chemical composition at hatching in two geographically isolated clades of the shrimp <i>Macrobrachium amazonicum</i>: intra- or interspecific variation?</u>
Charmantier, G; Anger, K, (2011).	<u>Ontogeny of osmoregulatory patterns in the South American shrimp <i>Macrobrachium amazonicum</i>: Loss of hypo-regulation in a land-locked population indicates phylogenetic separation from estuarine ancestors.</u>
Faleiros, RO; Goldman, MHS; Furriel, RPM; McNamara, JC, (2010).	<u>Differential adjustment in gill Na⁺/K⁺- and V-ATPase activities and transporter mRNA expression during osmoregulatory acclimation in the cinnamon shrimp <i>Macrobrachium amazonicum</i> (Decapoda, Palaemonidae).</u>
Charmantier, G; Charmantier-Daures, M; Anger, K, (2010).	<u>Loss of hypo-osmoregulation in a land-locked population of the shrimp <i>Macrobrachium amazonicum</i>.</u>
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Belli, NM; Faleiros, RO; Firmino, KCS; Masui, DC; Leone, FA; McNamara, JC; Furriel, RPM	<u>Na,K-ATPase activity and epithelial interfaces in gills of the freshwater shrimp <i>Macrobrachium amazonicum</i> (Decapoda, Palaemonidae).</u>
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Anger, K; Hayd, L; Knott, J; Nettelmann, U, (2009).	<u>Patterns of larval growth and chemical composition in the Amazon River prawn, <i>Macrobrachium amazonicum</i>.</u>
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ZANDERS, IP; RODRIGUEZ, JM, ().	<u>EFFECTS OF TEMPERATURE AND SALINITY STRESS ON OSMOIONIC REGULATION IN ADULTS AND ON OXYGEN-CONSUMPTION IN LARVAE AND ADULTS OF MACROBRACHIUM-AMAZONICUM (DECAPODA, PALAEMONIDAE).</u>



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MOREIRA, GS; MCNAMARA, JC; MOREIRA, PS, (1986).	<u>THE EFFECT OF SALINITY ON THE UPPER THERMAL LIMITS OF SURVIVAL AND METAMORPHOSIS DURING LARVAL DEVELOPMENT IN <i>MACROBRACHIUM-AMAZONICUM</i> (HELLER) (DECAPODA, PALAEMONIDAE).</u>
LAWRENCE, V; YOUNG, RE; MANSINGH, A, (1986).	<u>THE EFFECT OF SUBLETHAL DOSES OF DIELDRIN ON THE VENTILATORY AND CARDIAC ACTIVITY IN 2 SPECIES OF SHRIMPS.</u>
LAWRENCE, V; YOUNG, RE; MANSINGH, A, (1986).	<u>THE EFFECT OF SUBLETHAL DOSES OF DIELDRIN ON THE VENTILATORY AND CARDIAC ACTIVITY IN 2 SPECIES OF SHRIMPS.</u>
MCNAMARA, JC; MOREIRA, GS; MOREIRA, PS, (1983).	<u>THE EFFECT OF SALINITY ON RESPIRATORY METABOLISM, SURVIVAL AND MOLTING IN THE 1ST ZOEAE OF <i>MACROBRACHIUM-AMAZONICUM</i> (HELLER) (CRUSTACEA, PALAEMONIDAE).</u>
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