

# Publicações

- LEITE, J; PASSOS, SR; SIMÕES-ARAÚJO, JL; RUMJANEK, NG; XAVIER, GR; Zilli, JE. Genomic identification and characterization of the elite strains *Bradyrhizobium yuanmingense* BR 3267 and *Bradyrhizobium pachyrhizi* BR 3262 recommended for cowpea inoculation in Brazil. Brazilian Journal of Microbiology. 10.1016/j.bjm.2017.01.007, 2017.
- HUNGRIA, M; ARAUJO, RS; SILVA JÚNIOR, EB; ZILLI, JE. Inoculum Rate Effects on the Soybean Symbiosis in New or Old Fields under Tropical Conditions. Agronomy Journal. doi: 10.2134/agronj2016.11.0641, 2017.
- HUNGRIA, M; O'HARA, G.; ZILLI, J. E.; ARAUJO, R.; DEAKER, R.; HOWIESON, J. Isolation and growth of rhizobia In: Working with rhizobia.1 ed.Canberra : Bytes `n Colours, 2016, p. 39-60.
- O'HARA, G.; ZILLI, J. E.; POOLE, P.; HUNGRIA, M.; Taxonomy and physiology of rhizobia In: Working with rhizobia.1 ed.Canberra : Bytes `n Colours, 2016, p. 125-144.
- DELAMUTA, JRM; MELO, IS; PARMA, MM; ARAUJO, JLS; HUNGRIA, M; RIBEIRO, RA; ZILLI, JE; ROUWS, LFM. *Bradyrhizobium stylosanthis* sp. nov., comprising nitrogen-fixing symbionts isolated from nodules of the tropical forage legume *Stylosanthes* spp. International Journal of Systematic and Evolutionary Microbiology. 66: 3078-87. doi: 10.1099/ijsem.0.001148, 2016.
- SILVA, K; PERIN, L; GOMES, ML; BARAUNA, AC; PEREIRA, D; MOSQUEIRA, CA; COSTA, IB; O'HARA, G; ZILLI, JE. Diversity and capacity to promote maize growth of bacteria isolated from the Amazon region. Acta Amazonica. 46:111 – 118. doi.org/10.1590/1809-4392201502502, 2016.
- BARAUNA, AC; ROUWS, LM; SIMOES-ARAUJO, JL; DOS REIS JUNIOR, FB; IANNETTA, PP; MALUK, M; GOI, SR; REIS, VM; JAMES, EK; ZILLI, JE. *Rhizobium altiplani* sp. nov. isolated from effective nodules on *Mimosa pudica* growing in untypically alkaline soil in Central Brazil. International Journal of Systematic and Evolutionary Microbiology. doi: 10.1099/ijsem.0.001322 , 2016.
- CHAVES, SJ; BARAUNA, AC; MOSQUEIRA, CA; GIANLUPPI, V; ZILLI, JE; ; SILVA, K. *Stylosanthes* spp. from Amazon savanna harbour diverse and potentially effective rhizobia. Applied Soil Ecology. 108: 54-61. doi.org/10.1016/j.apsoil.2016.08.003, 2016.
- CADETE, RM; CHEAB, MA; SANTOS, RO; SAFAR, SV; ZILLI, JE; VITAL MJ; BASSO, LC; LEE, CF; KURTZMAN, CP; LACHANCE, MA; ROSA, CA; *Cyberlindnera xylosilytica* sp. nov., a xylitol-producing yeast species isolated from lignocellulosic materials. International Journal of Systematic and Evolutionary Microbiology. 65:2968-74. doi: 10.1099/ijse.0.000363, 2015.

- ZILLI, JERRI EDSON; PASSOS, SAMUEL RIBEIRO; LEITE, JAKSON; XAVIER, Gustavo Ribeiro; RUMJANECK, NORMA GOUVEA; SIMOES-ARAUJO, JEAN LUIZ. Draft genome sequence of *Microvirga vignae* strain BR 3299<sup>T</sup>, a novel symbiotic nitrogen-fixing Alphaproteobacterium isolated from a Brazilian Semiarid Region. *Genome Announcements*. 3(4): e00700-15 doi: 10.1128/genomeA.00700-15, 2015.
- FERREIRA, MC; VIEIRA, MLA; ZANI, CL; ALVES, TMA; SALES, J PA; MURTA, SMF; ROMANHA, AJ; GONZALES, GLHV; CARVALHO, AGOA; ZILLI, JE; VITAL, MJS; ROSA, CA; ROSA, LH. Molecular phylogeny, diversity, symbiosis and discover of bioactive compounds of endophytic fungi associated with the medicinal Amazonian plant *Carapa guianensis* Aublet (Meliaceae). *Biochemical Systematics and Ecology*. 59: 36 – 44. doi.org/10.1016/j.bse.2014.12.017, 2015.
- FERNANDES JUNIOR, PI; AIDAR, ST; Morgante, CV; Gava, CAT; ZILLI, JE; Sousa, LSB; MARINHO, RCN; NOBREGA, RSA; Brasil, MS; Seido, SL; MARTINS, L.MV. The resurrection plant *tripogon spicatus* (poaceae) harbors a diversity of plant growth promoting bacteria in northeastern Brazilian Caatinga. *Revista Brasileira de Ciência do Solo*. 39: 993 – 1002. doi:10.1590/01000683rbc20140646, 2015.
- DA SILVA, K; DE MEYER, S; ROUWS, L; FARIAS, E; DOS SANTOS, M.; O'HARA, G; ARDLEY, J.; WILLEMS, A.; PITARD, R.; ZILLI, J. *Bradyrhizobium ingae* sp. nov., isolated from effective nodules of *Inga laurina* grown in Cerrado soil of Amazonia, Brazil. *International Journal of Systematic and Evolutionary Microbiology*. 64: 3395-401. doi: 10.1099/ijs.0.063727-0 , 2014.
- VENANCIO SILVA, F; DE MEYER, SE; SIMOES DE ARAUJO, JL; DA COSTA BARBE, T; XAVIER, GR; O'HARA, G; ARDLEY, J; RUMJANEK, N G.; WILLEMS, A; ZILLI, JE. *Bradyrhizobium manausense* sp. nov., isolated from effective nodules of *Vigna unguiculata* grown in Brazilian Amazon rainforest soils. *International Journal of Systematic and Evolutionary Microbiology*. 64: 2358-63. doi: 10.1099/ijs.0.061259-0, 2014.
- ZILLI, J; BARAUNA, AC.; DA SILVA, K; DE MEYER, SE; FARIAS, EDNC; KAMINSKI, P; DA COSTA, IB; ARDLEY, JK; WILLEMS, A; CAMACHO, N N; DOURADO, FDS; O'HARA, G. *Bradyrhizobium neotropicale* sp. nov. isolated from effective nodules of *Centrolobium paraense* grown in soil of Amazonia, Brazil. *International Journal of Systematic and Evolutionary Microbiology*. 64: 3950-7. doi: 10.1099/ijs.0.065458-0, 2014.
- BARAUNA, AC; Silva, K; PEREIRA, GMD; KAMINSKI, PE.; PERIN, L; Zilli, JE. Diversity and nitrogen fixation efficiency of rhizobia isolated from nodules of *Centrolobium paraense*. *Pesquisa Agropecuária Brasileira*. 49: 296 – 305. doi.org/10.1590/S0100-204X2014000400008, 2014.
- TORRES-JNIOR, CV; LEITE, J.; SANTOS, CERSI; FERNANDES-JNIOR, PI ZILLI, JE; RUMJANEK, NG; XAVIER, GR. Diversity and symbiotic performance of peanut rhizobia from Southeast region of Brazil. *African Journal of Microbiology Research*. 8: 566 – 577. doi: 10.5897/AJMR2013.5883, 2014.
- MARINHO, RCN; XAVIER, GR; NOBREGA, RSA; ZILLI, JE; SANTOS, CAF; AIDAR, ST; FERNANDES JUNIOR, PI; MARTINS, LMV. Field performance of new cowpea cultivars inoculated with efficient nitrogen-fixing rhizobial strains in the Brazilian Semiarid. *Pesquisa Agropecuária Brasileira*. 49: 395 – 402. doi.org/10.1590/S0100-204X2014000500009, 2014.

SILVA JÚNIOR, EB; SILVA, K; OLIVEIRA, SS; OLIVEIRA, P; BODDEY, R M; ZILLI, J E; XAVIER, GR. Cowpea nodulation and production in response to inoculation with different rhizobia densities. *Pesquisa Agropecuária Brasileira*. 49: 804 – 812. doi: 10.1590/S0100-204X2014001000007, 2014.