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CENTRO DE BACTERIOLOGIA – Instituto Adolfo Lutz

[Molecular characterization and phylogenetic analysis of the first *Corynebacterium rouxii* strains isolated in Brazil: a recent member of *Corynebacterium diphtheriae* complex.](#)

Ramos JN, Araújo MRB, Baio PVP, Sant'Anna LO, Veras JFC, Vieira ÉMD, Sousa MÂB, Camargo CH, Sacchi CT, Campos KR, Santos MBN, Bokermann S, Alvim LB, Sanches Dos Santos L, de Mattos-Guaraldi AL, Vieira VV.

BMC Genom Data. 2023 Nov 8;24(1):65. doi: 10.1186/s12863-023-01167-w.

PMID: 37940844

[Yellow Fever Vaccine-Associated Viscerotropic Disease among Siblings, São Paulo State, Brazil.](#)

Fernandes EG, Gomes Porto VB, de Oliveira PMN, Duarte-Neto AN, de Sousa Maia ML, Lignani LK, Nogueira JS, Teixeira GV, Iglezias SD, Blanco RM, Sato HK.

Emerg Infect Dis. 2023 Mar;29(3):493-500. doi: 10.3201/eid2903.220989.

PMID: 36823036.

[New insights on tuberculosis transmission dynamics and drug susceptibility profiles among the prison population in Southern Brazil based on whole-genome sequencing.](#)

Anselmo LMP, Gallo JF, Pinhata JMW, Peronni KC, Silva Junior WAD, Ruy PC, Conceição EC, Dippenaar A, Warren RM, Monroe AA, Oliveira RS, Bollela VR.

Rev Soc Bras Med Trop. 2023 Feb 20;56:e0181. doi: 10.1590/0037-8682-0181-2022.

PMID: 36820651

[Rapid response of a public health reference laboratory to the COVID-19 pandemic.](#)

Pinhata JMW, Brandao AP, Leite D, Oliveira RS, Fukasawa LO, Gonçalves MG, Guerra JM, Araujo LJT, Mansueli GP, Santos LB, Borghesan TC, Kimura LM, Takahashi JPF, Garcia JA, Piza ART, Ferreira CSDS, Polatto R, Guerra MLLES, Fazioli RDA, Zanella RC, Blanco RM, Ial-Working Group.

J Med Microbiol. 2023 Oct;72(10). doi: 10.1099/jmm.0.001757.

PMID: 37801010.

[Genomic analysis and antimicrobial activity of \$\beta\$ -lactam/ \$\beta\$ -lactamase inhibitors and other agents against KPC-producing *Klebsiella pneumoniae* clinical isolates from Brazilian hospitals.](#)

Camargo CH, Yamada AY, de Souza AR, Cunha MPV, Ferraro PSP, Sacchi CT, Dos Santos MB, Campos KR, Tiba-Casas MR, Freire MP, Barretti P.

Sci Rep. 2023 Sep 5;13(1):14603. doi: 10.1038/s41598-023-41903-x.

PMID: 37670032

[Cost analysis of GenoType® MTBDRplus and GenoType® MTBDRsl at the State Laboratory of São Paulo, Brazil.](#)

Figueredo LJA, César ALA, Ferrazoli L, Chimara E, Vater MC, Silva SCAD, Kritski AL, Miranda SS.

PUBLICAÇÕES DE 2023
CENTRO DE BACTERIOLOGIA – Instituto Adolfo Lutz

Rev Soc Bras Med Trop. 2023 Jul 28;56:e0238-2023. doi: 10.1590/0037-8682-0238-2023.

PMID: 37531520

[Phenotypic and molecular characterization and complete genome sequence of a *Corynebacterium diphtheriae* strain isolated from cutaneous infection in an immunized individual.](#)

Araújo MRB, Ramos JN, de Oliveira Sant'Anna L, Bokermann S, Santos MBN, Mattos-Guaraldi AL, Azevedo V, Prates FD, Rodrigues DLN, Aburjaile FF, Sacchi CT, Campos KR, Alvim LB, Vieira VV, Camargo CH, Dos Santos LS.

Braz J Microbiol. 2023 Aug 19. doi: 10.1007/s42770-023-01086-z.

PMID: 37597133

[Salmonella detection with LAMP and qPCR and identification of serovars of interest by multiplex qPCR in poultry carcasses.](#)

da Silva EC, de Oliveira CD, Ribeiro LFM, Casas MRT, Pereira JG, Possebon FS, Junior JPA.

Braz J Microbiol. 2023 Sep;54(3):2173-2182. doi: 10.1007/s42770-023-01095-y.

PMID: 37582950

[Virulence potential of *Salmonella* 1,4, \[5\],12:i:- strains isolated during decades from different sources in the Southeast region of Brazil.](#)

Pereira GDN, Seribelli AA, Gomes CN, Vilela FP, Tonani L, Tiba-Casas MR, Medeiros MIC, Rodrigues DDP, Kress MRVZ, Falcão JP.

Braz J Microbiol. 2023 Dec;54(4):2827-2843. doi: 10.1007/s42770-023-01145-5.

PMID: 37817050

[Genomics and Antimicrobial Susceptibility of Clinical *Pseudomonas aeruginosa* Isolates from Hospitals in Brazil.](#)

Camargo CH, Yamada AY, Souza AR, Lima MJC, Cunha MPV, Ferraro PSP, Sacchi CT, Santos MBND, Campos KR, Tiba-Casas MR, Freire MP, Barretti P.

Pathogens. 2023 Jul 8;12(7):918. doi: 10.3390/pathogens12070918.

PMID: 37513765

[2,3,5-triphenyl tetrazolium chloride as colorimetric indicator for drug susceptibility testing against nontuberculous mycobacteria.](#)

de Souza MQ, Bierhals DV, Reis AJ, Chimara E, Vianna JS, von Groll A, da Silva PA, Ramis IB.

Diagn Microbiol Infect Dis. 2024 Jan;108(1):116096. doi: 10.1016/j.diagmicrobio.2023.116096.

PMID: 37931387

PUBLICAÇÕES DE 2023
CENTRO DE BACTERIOLOGIA – Instituto Adolfo Lutz

[Whole genome sequencing of *Bacillus anthracis* isolated from animal in the 1960s, Brazil, belonging to the South America subclade.](#)

de Andrade TS, Camargo CH, Campos KR, Reis AD, Santos MBDN, Zanelatto VN, Takagi EH, Sacchi CT.

Comp Immunol Microbiol Infect Dis. 2023 Jul 25;100:102027. doi: 10.1016/j.cimid.2023.102027.

PMID: 37517212

[Research, Innovation, and National Production of Strategic Inputs for Tuberculosis Elimination in Brazil: Contributions from the REDE-TB.](#)

Arcêncio RA, Chimara E, Silva JRLE, Croda J, Carvalho ACC.

Rev Soc Bras Med Trop. 2023 Dec 1;56:e0518. doi: 10.1590/0037-8682-0518-2023.

PMID: 38055542

[Trends in invasive bacterial diseases during the first 2 years of the COVID-19 pandemic: analyses of prospective surveillance data from 30 countries and territories in the IRIS Consortium.](#)

Shaw D, (...) Zanella R, Zhou F, Brueggemann AB.

Lancet Digit Health. 2023 Jul 27:S2589-7500(23)00108-5. doi: 10.1016/S2589-7500(23)00108-5.

PMID: 37516557.

[Development of multiplex real-time PCR for detection of clarithromycin resistance genes for the *Mycobacterium abscessus* group.](#)

Pedace CS, Gonçalves MG, Souza AR, Dos Santos Simeão FC, de Carvalho NFG, Gallo JF, Chimara E.

J Med Microbiol. 2023 Mar;72(3). doi: 10.1099/jmm.0.001670.

PMID: 36920844

[Molecular characterization of persistent subclinical mastitis-causing *Staphylococcus aureus* from dairy farms.](#)

Gonçalves JL, Lee SHI, Camargo CH, Zanella RC, Silva NCC, Rall VLM, Cue RI, Dos Santos MV.

Braz J Microbiol. 2023 Jun;54(2):1181-1189. doi: 10.1007/s42770-023-00918-2. Epub 2023 Mar 21.

PMID: 36943640

[Staphylococcus aureus and CA-MRSA Carriage among Brazilian Indians Living in Peri-Urban Areas and Remote Communities.](#)

Abraão LM, Fortaleza CMCB, Camargo CH, Barbosa TA, Pereira-Franchi EPL, Riboli DFM, Hubinger L, Bonesso MF, Medeiros de Souza R, Ribeiro de Souza da Cunha ML.

PUBLICAÇÕES DE 2023
CENTRO DE BACTERIOLOGIA – Instituto Adolfo Lutz

Antibiotics (Basel). 2023 May 6;12(5):862. doi: 10.3390/antibiotics12050862.
PMID: 37237765

[Molecular serotyping of Shiga toxin-producing *Escherichia coli* \(STEC\) of animal origin in Iran reveals the presence of important non-O157 seropathotypes.](#)
Askari Badouei M, Taban H, Nematı A, Fernando Dos Santos L.

Vet Res Forum. 2023;14(5):267-274. doi: 10.30466/vrf.2022.550618.3416.
PMID: 37342291

[Detection and genomic characterization of a multidrug-resistant *Salmonella* Newport co-harboring bla_{CMY-2}, qnrB19 and mcr-9 from the diarrheic faeces of a foal.](#)
Braga PRC, Dos Santos CA, Bertani AMJ, Vieira T, Amarante AF, Reis AD, Sacchi CT, Camargo CH, Ribeiro MG, Borges AS, Tiba-Casas MR.

J Glob Antimicrob Resist. 2023 Dec;35:198-201. doi: 10.1016/j.jgar.2023.09.019.
PMID: 37805072

[Optimal age targeting for pneumococcal vaccination in older adults; a modelling study.](#)
Thindwa D, Clifford S, Kleynhans J, von Gottberg A, Walaza S, Meiring S, Swarhout TD, Miller E, McIntyre P, Andrews N, Amin-Chowdhury Z, Fry N, Jambo KC, French N, Almeida SCG, Ladhani SN, Heyderman RS, Cohen C, de Cunto Brandileone MC, Flasche S.
Nat Commun. 2023 Feb 16;14(1):888. doi: 10.1038/s41467-023-36624-8.
PMID: 36797259

[Chronic medical conditions associated with invasive pneumococcal diseases in inpatients in teaching hospitals in São Paulo city: Estimating antimicrobial susceptibility and serotype-coverage of pneumococcal vaccines.](#)
Kfourı RA, Brandileone MC, Sáfađı MAP, Richtmann R, Gilio AE, Rossi F, Guimarães T, Bierrenbach AL, Moraes JC; São Paulo Study Group for IPD.

Braz J Infect Dis. 2023 Feb 6;27(2):102746. doi: 10.1016/j.bjid.2023.102746.
Online ahead of print.
PMID: 36758625

[Whole genome sequence analysis of the first reported isolate of *Salmonella* Agona carrying bla_{CTX-M-55} gene in Brazil.](#)
de Jesus Bertani AM, Vieira T, Reis AD, Dos Santos CA, de Almeida EA, Camargo CH, Casas MRT.

Sci Rep. 2023 Feb 9;13(1):2299. doi: 10.1038/s41598-023-29599-5.
PMID: 36759682

[Analysis of LruC lipoprotein and identification of peptides candidates for vaccine development and diagnosis of leptospirosis.](#)

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CENTRO DE BACTERIOLOGIA – Instituto Adolfo Lutz

Mariano IHM, Silva BF, Machado MDS, Blanco RM, Romero EC, Andrade SA, Ho PL, Martins EAL, da Silva JB.

PLoS One. 2023 Feb 6;18(2):e0281344. doi: 10.1371/journal.pone.0281344. eCollection 2023.

PMID: 36745643

[GenoType MTBDRsl for detection of second-line drugs and ethambutol resistance in multidrug-resistant *Mycobacterium tuberculosis* isolates at a high-throughput laboratory.](#)

Pinhata JMW, Brandao AP, Gallo JF, Oliveira RS, Ferrazoli L.

Diagn Microbiol Infect Dis. 2023 Feb;105(2):115856. doi: 10.1016/j.diagmicrobio.2022.115856. Epub 2022 Nov 7.

PMID: 36446302

[Salmonella Heidelberg and Salmonella Minnesota in Brazilian broilers: Genomic characterization of third-generation cephalosporin and fluoroquinolone-resistant strains.](#)

Saidenberg ABS, Franco LS, Reple JN, Hounmanou YMG, Casas MRT, Cardoso B, Esposito F, Lincopan N, Dalsgaard A, Stegger M, Knöbl T.

Environ Microbiol Rep. 2023 Apr;15(2):119-128. doi: 10.1111/1758-2229.13132.

PMID: 36629129

[Genomic characterization of invasive meningococcal X isolates from Brazil, 1992-2022.](#)

Cassiolato AP, Camargo CH, Piccoli Cecconi MC, Christakis S, Gonçalves CR, Rodrigues Campos K, Takenori Higa F, Andrade Pereira G, de Moraes C, Silva de Lemos AP.

Int Microbiol. 2023 Jan 10:1-8. doi: 10.1007/s10123-023-00325-5. Online ahead of print.

PMID: 36626096