

PRODUÇÕES CIENTÍFICAS IRR 2021

ARTIGOS

1. A GONÇALES, Relber et al. In Silico Identification of Glycosylphosphatidylinositol-Anchored Proteins in *Paracoccidioides* Spp. *Future Microbiology*, v. 16, n. 8, p. 589-606, 2021. Doi: <http://dx.doi.org/10.2217/fmb-2020-0282>.
2. ABRAHÃO, Jônatas Santos et al. Detection of SARS-CoV-2 RNA on public surfaces in a densely populated urban area of Brazil: a potential tool for monitoring the circulation of infected patients. *Science Of The Total Environment*, v. 766, p. 1-6, 2021. <http://dx.doi.org/10.1016/j.scitotenv.2020.142645>
3. ABREU, Fabiano Cp et al. Differential expression profiles of miRNAs and their putative targets in *Schistosoma mansoni* during its life cycle. *Memórias do Instituto Oswaldo Cruz*, v. 116, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1590/0074-02760200326>
4. ALCÂNTARA, Lorena Kimberly Silva et al. Phytochemical Aspects, Cytotoxicity and Antimicrobial Activity of the Methanolic Extract of Tropical Fruit Pulp on Clinical Isolates of *Escherichia coli*. *Biointerface Research in Applied Chemistry*, v. 11, n. 1, p. 8210 – 8217, 2021. [doi.org/10.33263/BRIAC111.82108217](http://dx.doi.org/10.33263/BRIAC111.82108217)
5. ALIBERTI, Márlon J R et al. Frailty Modifies the Association of Hypertension With Cognition in Older Adults: evidence from the elsi-brazil. *The Journals Of Gerontology: Series A*, v. 76, n. 6, p. 1134-1143, 2021. Doi: <http://dx.doi.org/10.1093/gerona/glaa303>
6. ALMAZÁN-CASALI, Stefania et al. Who Governs at What Price? Technocratic Dominance, Ways of Knowing, and Long-Term Resilience of Brazil's Water System. *Frontiers In Water*, v. 3, p. 1-13, 2021. Doi: <http://dx.doi.org/10.3389/frwa.2021.735018>
7. ALMEIDA, Gregório Guilherme et al. Asymptomatic *Plasmodium vivax* malaria in the Brazilian Amazon: submicroscopic parasitemic blood infects *nyssorhynchus darlingi*. *Plos Neglected Tropical Diseases*, v. 15, n. 10, p. 1-17, 2021. Doi: <http://dx.doi.org/10.1371/journal.pntd.0009077>

8. ALVAREZ, Luis Carlos Salazar et al. Plasmodium vivax Gametocytes Adherence to Bone Marrow Endothelial Cells. *Frontiers In Cellular And Infection Microbiology*, v. 11, p. 1-7, 2021. Doi: <http://dx.doi.org/10.3389/fcimb.2021.614985>
9. ALVES, Ana Cecília Guimarães et al. Tracing the Distribution of European Lactase Persistence Genotypes Along the Americas. *Frontiers In Genetics*, v. 12, p. 1-15, 2021. Doi: <http://dx.doi.org/10.3389/fgene.2021.671079>.
10. ALVES, Jéssica R. S. et al. Multiplexed Microsphere-Based Flow Cytometric Assay to Assess Strain Transcending Antibodies to Plasmodium vivax Duffy Binding Protein II Reveals an Efficient Tool to Identify Binding-Inhibitory Antibody Responders. *Frontiers In Immunology*, v. 12, p. 1-10, 2021. Doi: <http://dx.doi.org/10.3389/fimmu.2021.704653>.
11. ALVES, Natália de Castro et al. Addition of caffeine to equine thawed sperm increases motility and decreases nitrite concentration. *Andrologia*, v. 53, n. 2, p. 1-8, 2021. Doi: <http://dx.doi.org/10.1111/and.13918>.
12. ALVES, Pedro A. et al. Optimization and Clinical Validation of Colorimetric Reverse Transcription Loop-Mediated Isothermal Amplification, a Fast, Highly Sensitive and Specific COVID-19 Molecular Diagnostic Tool That Is Robust to Detect SARS-CoV-2 Variants of Concern. *Frontiers In Microbiology*, v. 12, p. 1-20, 2021. Doi: <http://dx.doi.org/10.3389/fmicb.2021.713713>.
13. ALVES, Wedencley et al. Cenas discursivas da pandemia de Covid-19: o discurso sobre o isolamento social na imprensa. *Revista Eletrônica de Comunicação, Informação e Inovação em Saúde*, v. 15, n. 1, p. 18-32, 2021. Doi: <http://dx.doi.org/10.29397/reciis.v15i1.2204>.
14. AMANCIO, Alice Muglia et al. IFNs Reset the Differential Capacity of Human Monocyte Subsets to Produce IL-12 in Response to Microbial Stimulation. *The Journal Of Immunology*, v. 206, n. 7, p. 1642-1652, 2021. Doi: <http://dx.doi.org/10.4049/jimmunol.2001194>
15. AMORIM, Juleimar S.C. et al. Combined Physical Activity and Sitting Time Association on Older Adults' Body Mass Index: cross-sectional findings from the brazilian longitudinal study of aging. *Journal Of Aging And Physical Activity*, v. 30, n. 4, p. 619-625, 2021. Doi: <http://dx.doi.org/10.1123/japa.2021-0112>
16. AMORIM, Juleimar Soares Coelho de et al. Prevalência de queda grave e fatores associados em idosos brasileiros: resultados da pesquisa nacional

- de saúde, 2013. *Ciência & Saúde Coletiva*, v. 26, n. 1, p. 185-196, 2021. Doi: <http://dx.doi.org/10.1590/1413-81232020261.30542018>.
17. ANDRADE, Fabíola Bof de et al. Socioeconomic inequalities related to dental care needs among adolescents and adults living in the state of Minas Gerais, Brazil. *Cadernos Saúde Coletiva*, v. 29, n. 3, p. 322-329, 2021. Doi: <http://dx.doi.org/10.1590/1414-462x202129030186>
 18. ANDRADE, Fabiola Bof de et al. Tooth loss, dental prostheses use and cognitive performance in older Brazilian adults: the sabe cohort study. *Geriatrics & Gerontology International*, v. 21, n. 12, p. 1093-1098, 2021. Doi: <http://dx.doi.org/10.1111/ggi.14290>
 19. ANDRADE, Josimara Souza et al. In Vitro Evaluation of Synthetic Flavones Against *Trypanosoma cruzi*. *Rev. Virtual Quim*, v. 13, n. 1, p. 146-155, 2021. doi:10.21577/1984-6835.20200136
 20. ANHÊ, Ana Carolina Borella Marfil et al. Microanatomical and secretory characterization of the salivary gland of the *Rhodnius prolixus* (Hemiptera, Reduviidae, Triatominae), a main vector of Chagas disease. *Open Biology*, v. 11, n. 6, p. 1-13, 2021. Doi: <http://dx.doi.org/10.1098/rsob.210028>.
 21. ARAÚJO, Fernanda Fortes de et al. Chemokines in Leishmaniasis: map of cell movements highlights the landscape of infection and pathogenesis. *Cytokine*, v. 147, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1016/j.cyto.2020.155339>
 22. ARAUJO, Juliana Eschholz de et al. Genomic analysis reveals the potential for hydrocarbon degradation of *Rhodopirellula* sp. MG1 isolated from a polluted Brazilian mangrove. *Brazilian Journal Of Microbiology*, v. 52, n. 3, p. 1397-1404, 2021. Doi: <http://dx.doi.org/10.1007/s42770-021-00483-6>.
 23. ARAUJO, Thádia Evelyn de et al. Long-term impact of congenital toxoplasmosis on phenotypic and functional features of circulating leukocytes from infants one year after treatment onset. *Clinical Immunology*, v. 232, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1016/j.clim.2021.108859>
 24. ARDHAOU, Monia et al. Nested PCR followed by NGS: validation and application for hpv genotyping of tunisian cervical samples. *Plos One*, v. 16, n. 8, p. 1-7, 2021. Doi: <http://dx.doi.org/10.1371/journal.pone.0255914>.
 25. AREDES, Janaína de Souza et al. Integrated Care in the Community: The Case of the Programa Maior Cuidado (Older Adult Care Programme) in Belo

Horizonte-Minas Gerais, BRA. International Journal of Integrated Care, v. 21 (2), n. 28, p.1–12, 2021. DOI: <https://doi.org/10.5334/ijic.5619> 2021

26. ASSIS, Gabriela Maíra Pereira de et al. Profiling Humoral Immune Response Against Pre-Erythrocytic and Erythrocytic Antigens of Malaria Parasites Among Neotropical Primates in the Brazilian Atlantic Forest. *Frontiers In Cellular And Infection Microbiology*, v. 11, p. 1-15, 2021. Doi: <http://dx.doi.org/10.3389/fcimb.2021.678996>
27. BAHIA, Ana Cristina et al. Morphological Characterization of the Antennal Sensilla of the Afrotropical Sand Fly, *Phlebotomus duboscqi* (Diptera: psychodidae). *Journal Of Medical Entomology*, v. 58, n. 2, p. 634-645, 2021. Doi: <http://dx.doi.org/10.1093/jme/tjaa247>
28. BARBOSA, Carolina Valença; ARAUJO, Paula Finamore; MOREIRA, Otacilio C. et al. Genotypic *Trypanosoma cruzi* distribution and parasite load differ ecotypically and according to parasite genotypes in *Triatoma brasiliensis* from endemic and outbreak areas in Northeastern Brazil. *Acta Tropica*, Amsterdam, v. 222, p. 1-10, 2021. DOI: [10.1016/j.actatropica.2021.106054](https://doi.org/10.1016/j.actatropica.2021.106054).
29. BARRETO, Ivan Martins. et al. β -Carboline Glucoalkaloids from *Psychotria cupularis* and Evaluation of Their Antileishmanial Activity. *Rev. Bras. Farmacogn.*, v. 31, p. 709–714, 2021. doi.org/10.1007/s43450-021-00197-8
30. BERNÁ, Luisa et al. Maxicircle architecture and evolutionary insights into *Trypanosoma cruzi* complex. *Plos Neglected Tropical Diseases*, v. 15, n. 8, p. 1-18, 2021. Doi: <http://dx.doi.org/10.1371/journal.pntd.0009719>.
31. BERNAL, Regina Tomie Ivata et al. External validation of the estimate of prevalence of smokers in small areas by Vigitel, in Belo Horizonte, Minas Gerais, Brazil. *Revista Brasileira de Epidemiologia*, v. 24, n. 1, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1590/1980-549720210002.supl.1>
32. BERNARDES, G.M. et al. Effect of education and multimorbidity on mortality among older adults: findings from the health, well-being and ageing cohort study (sabe). *Public Health*, v. 201, p. 69-74, 2021. Doi: <http://dx.doi.org/10.1016/j.puhe.2021.10.001>
33. BRANCO, Rebeca Costa Castelo et al. Evidence of Zika virus circulation in asymptomatic pregnant women in Northeast, Brazil. *Plos Neglected Tropical Diseases*, v. 15, n. 6, p. 1-14, 2021. Doi: <http://dx.doi.org/10.1371/journal.pntd.0009412>

34. BRITO, Raíssa N. et al. Coleção de Vetores de Tripanosomatídeos (Fiocruz/COLVET) held at the institution Fiocruz Minas in Brazil: diversity of triatominae (hemiptera, reduviidae) and relevance for research, education, and entomological surveillance. *Zookeys*, v. 1074, p. 17-42, 2021. Doi: <http://dx.doi.org/10.3897/zookeys.1074.69700>.
35. BRITTO, Isabella Oliveira et al. Potential of *Ficus carica* extracts against *Euschistus heros*: Toxicity of major active compounds and selectivity against beneficial insects. *Pest Management Science*, v. 77, n. 10, p. 4638-4647, 2021. doi.org/10.1002/ps.6504
36. CAMARGO, Juliana Dantas de Araújo Santos et al. Mortality due to breast cancer in a region of high socioeconomic vulnerability in Brazil: analysis of the effect of age-period and cohort. *Plos One*, v. 16, n. 8, p. 1-28, 2021. Doi: <http://dx.doi.org/10.1371/journal.pone.0255935>.
37. CAPELINI, Camila et al. Phenoxyacetohydrazones against *Trypanosoma cruzi*. *Medicinal Chemistry Research*, v. 30, n. 9, p. 1703-1712, 2021. Doi: <http://dx.doi.org/10.1007/s00044-021-02768-9>
38. CAPELINI, Camila et al. Synthesis, Antitrypanosomal and Antimycobacterial Activities of Coumarin N-acylhydrazonic Derivatives. *Medicinal Chemistry*, v. 17, n. 6, p. 630-637, 2021. Doi: <http://dx.doi.org/10.2174/1573406416666200121105215>
39. CARDINOT, Cinthya Brillante et al. Euthyroid Sick Syndrome and Changes in Thyroid Hormones in Dogs with Hemoparasitosis. *Acta Scientiae Veterinariae*, v. 49, p. 1-10, 2021. Doi: <http://dx.doi.org/10.22456/1679-9216.111432>
40. CARMO, Rose Ferraz et al. Acesso aos serviços de saúde na rede de atenção: compreendendo a narrativa de profissionais de saúde. *Cadernos Saúde Coletiva*, v. 29, n. 1, p. 77-85, 2021. Doi: <http://dx.doi.org/10.1590/1414-462x202129010512>
41. CARVALHO, Alex F. et al. The use of denaturing solution as collection and transport media to improve SARS-CoV-2 RNA detection and reduce infection of laboratory personnel. *Brazilian Journal Of Microbiology*, v. 52, n. 2, p. 531-539, 2021. Doi: <http://dx.doi.org/10.1007/s42770-021-00469-4>
42. CARVALHO, Janaína de Pina et al. Estimating direct costs of the treatment for mucosal leishmaniasis in Brazil. *Revista da Sociedade Brasileira de*

- Medicina Tropical, v. 54, p. 1-9, 2021. Doi: <http://dx.doi.org/10.1590/0037-8682-0454-2020>
43. CARVALHO, Lilianny Mara Silva et al. Tendência nos gastos com medicamentos neuropsiquiátricos em Minas Gerais, Brasil: há aumento da oferta de antiparkinsonianos?. *Ciência & Saúde Coletiva*, v. 26, n. 8, p. 3289-3300, 2021. Doi: <http://dx.doi.org/10.1590/1413-81232021268.09872020>
 44. CASTELLUCCI, Léa C et al. A Genome-wide Association Study Identifies SERPINB10, CRLF3, STX7, LAMP3, IFNG-AS1, and KRT80 As Risk Loci Contributing to Cutaneous Leishmaniasis in Brazil. *Clinical Infectious Diseases*, v. 72, n. 10, p. 515-525, 2021. Doi: <http://dx.doi.org/10.1093/cid/ciaa1230>
 45. CASTRO, Mônica Silva Monteiro de et al. Social isolation relaxation and the effective reproduction number (Rt) of COVID-19 in twelve Brazilian cities. *Ciência & Saúde Coletiva*, v. 26, n. 10, p. 4681-4691, 2021. Doi: <http://dx.doi.org/10.1590/1413-812320212610.1050202>
 46. CHAVES, Bráulio Silva et al. A construção de um problema de saúde pública no Brasil da década de 1930 em torno do *Anopheles gambiae*. *Revista História: Debates e Tendências*, v. 21, n. 3, p. 234-239, 2021. Doi: <http://dx.doi.org/10.5335/hdtv.21n.3.12744>
 47. CHITWOOD, Melanie H. et al. Trends in Untreated Tuberculosis in Large Municipalities, Brazil, 2008–2017. *Emerging Infectious Diseases*, v. 27, n. 3, p. 957-960, 2021. Doi: <http://dx.doi.org/10.3201/eid2703.204094>
 48. COELHO, Paloma et al. A construção do feminino no cinema de Pedro Almodóvar. *Cadernos Pagu*, n. 61, p. 1-15, 2021. Doi: <http://dx.doi.org/10.1590/18094449202100610009>
 49. COELHO, Paulo R. S. et al. Identification of Risk Areas for Intestinal Schistosomiasis, Based on Malacological and Environmental Data and on Reported Human Cases. *Frontiers In Medicine*, v. 8, p. 1-14, 2021. Doi: <http://dx.doi.org/10.3389/fmed.2021.642348>
 50. CONCEIÇÃO, Christiano Calixto et al. *Aedes fluviatilis* cell lines as new tools to study metabolic and immune interactions in mosquito-Wolbachia symbiosis. *Scientific Reports*, v. 11, n. 1, p. 1-12, 2021. Doi: <http://dx.doi.org/10.1038/s41598-021-98738-7>
 51. COSTA, Adriana Oliveira et al. Distinct immunomodulatory properties of extracellular vesicles released by different strains of *Acanthamoeba*. *Cell*

- Biology International, v. 45, n. 5, p. 1060-1071, 2021. Doi: <http://dx.doi.org/10.1002/cbin.11551>
52. COSTA, Gabriel Luíz et al. A Comprehensive Analysis of the Genetic Diversity of Plasmodium falciparum Histidine-Rich Protein 2 (PfHRP2) in the Brazilian Amazon. *Frontiers In Cellular And Infection Microbiology*, v. 11, p. 1-9, 2021. Doi: <http://dx.doi.org/10.3389/fcimb.2021.742681>
 53. COSTA, Nilson do Rosário et al. A implantação em larga escala da Estratégia de Saúde da Família na cidade do Rio de Janeiro, Brasil: evidências e desafios. *Ciência & Saúde Coletiva*, v. 26, n. 6, p. 2075-2082, 2021. Doi: <http://dx.doi.org/10.1590/1413-81232021266.01012021>
 54. COSTA, Pietra L. et al. Bilateral Anomaly in *Evandromyia evandroi* (Diptera: psychodidae). *Journal Of The American Mosquito Control Association*, v. 28, n. 2, p. 128-130, 2012. Doi: <http://dx.doi.org/10.2987/11-6218r.1>
 55. COSTA, Pietra L. et al. Bilateral Anomaly in *Evandromyia evandroi* (Diptera: psychodidae). *Journal Of The American Mosquito Control Association*, v. 28, n. 2, p. 128-130, 2012. Doi: <http://dx.doi.org/10.2987/11-6218r.1>
 56. COSTA-ROCHA, Ismael Artur da et al. Serum biomarker profile orchestrating the seroconversion status of patients with autoimmune diseases upon planned primary 17DD Yellow fever vaccination. *Scientific Reports*, v. 11, n. 1, p. 1-14, 2021. Doi: <http://dx.doi.org/10.1038/s41598-021-89770-8>
 57. COTA, Gláucia et al. Inequalities of visceral leishmaniasis case-fatality in Brazil: a multilevel modeling considering space, time, individual and contextual factors. *Plos Neglected Tropical Diseases*, v. 15, n. 7, p. 1-23, 2021. Doi: <http://dx.doi.org/10.1371/journal.pntd.0009567>
 58. CURSINO, Andreia Elisa et al. Identification of large genetic variations in the equine infectious anemia virus tat - gag genomic region. *Transboundary And Emerging Diseases*, v. 68, n. 6, p. 3424-3432, 2021. Doi: <http://dx.doi.org/10.1111/tbed.13946>.
 59. D`AVILA-MESQUITA, Carolina et al. MMP-2 and MMP-9 levels in plasma are altered and associated with mortality in COVID-19 patients. *Biomedicine & Pharmacotherapy*, v. 142, p. 1-9, 2021. Doi: <http://dx.doi.org/10.1016/j.biopha.2021.112067>.
 60. DAMASCENO, Luana et al. Why Did ZIKV Perinatal Outcomes Differ in Distinct Regions of Brazil? An Exploratory Study of Two Cohorts. *Viruses*, v. 13, n. 5, p. 1-12, 2021. Doi: <http://dx.doi.org/10.3390/v13050736>

61. DIAS, Fernanda Abalen Martins et al. Noise annoyance, sociodemographic and health patterns, and neighborhood perceptions in a Brazilian metropolis: bh health study. *Revista Brasileira de Epidemiologia*, v. 24, p. 1-14, 2021. Doi: <http://dx.doi.org/10.1590/1980-549720210038>.
62. DIAS, João Victor Leite et al. Occurrence of *Panstrongylus megistus* (Burmeister, 1835) in an area under entomological surveillance in the Southeast Region of Brazil. *Revista da Sociedade Brasileira de Medicina Tropical*, v. 54, p. 1-5, 2021. Doi: <http://dx.doi.org/10.1590/0037-8682-0084-2020>
63. DINIZ, Suelen Queiroz et al. Plasmodium vivax Infection Alters Mitochondrial Metabolism in Human Monocytes. *Mbio*, v. 12, n. 4, p. 1-16, 2021. Doi: <http://dx.doi.org/10.1128/mbio.01247-21>.
64. DORIA, Miguel de França et al. Preliminary Assessment of COVID-19 Implications for the Water and Sanitation Sector in Latin America and the Caribbean. *International Journal Of Environmental Research And Public Health*, v. 18, n. 21, p. 1-8, 2021. Doi: <http://dx.doi.org/10.3390/ijerph182111703>
65. DUPIN, Talita Vieira et al. Long-Term In Vitro Passaging Had a Negligible Effect on Extracellular Vesicles Released by *Leishmania amazonensis* and Induced Protective Immune Response in BALB/c Mice. *Journal Of Immunology Research*, v. 2021, p. 1-13, 2021. Doi: <http://dx.doi.org/10.1155/2021/7809637>.
66. EBERHARD, Fanny E. et al. Metabolites as predictive biomarkers for *Trypanosoma cruzi* exposure in triatomine bugs. *Computational And Structural Biotechnology Journal*, v. 19, p. 3051-3057, 2021. Doi: <http://dx.doi.org/10.1016/j.csbj.2021.05.027>
67. EMPINOTTI, Vanessa Lucena et al. Advancing urban water security: the urbanization of water:society relations and entry:points for political engagement. *Water International*, v. 46, n. 6, p. 956-968, 2021. Doi: <http://dx.doi.org/10.1080/02508060.2021.1937901>
68. EZZATI, Majid et al. Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. *Elife Sciences Publications*, mar 2021, v.10, p 1 - 35. Doi:10.7554/eLife.60060.
69. FARIA, Dirley Lellis dos Santos et al. Educação Permanente em Saúde: narrativa dos trabalhadores de saúde mental de betim/minas gerais. *Physis*:

Revista de Saúde Coletiva, v. 31, n. 2, p. 1-20, 2021. Doi: <http://dx.doi.org/10.1590/s0103-73312021310202>

70. FARNESI, Luana Cristina et al. The influence of different sources of blood meals on the physiology of *Aedes aegypti* harboring *Wolbachia* wMel: mouse blood as an alternative for mosquito rearing. *Parasites & Vectors*, v. 14, n. 1, p. 1-8, 2021. Doi: <http://dx.doi.org/10.1186/s13071-020-04465-9>.
71. FAVRE, Tereza Cristina et al. Adherence to diagnosis followed by selective treatment of schistosomiasis mansoni and related knowledge among schoolchildren in an endemic area of Minas Gerais, Brazil, prior to and after the implementation of educational actions. *Parasite Epidemiology And Control*, v. 13, p. 1-12, 2021. Doi: <http://dx.doi.org/10.1016/j.parepi.2021.e00208>
72. FELICISSIMO, Juliane Marques et al. The flavonoid Licochalcone A induces tegumental damages in *Schistosoma mansoni* and impairs its oviposition in vitro. *Brazilian Journal Of Veterinary Pathology*, v. 14, n. 3, p. 165-172, 2021. Doi: <http://dx.doi.org/10.24070/bjvp.1983-0246.v14i3p165-172>.
73. FERNANDES, Luísa da Matta Machado et al. Brazilian women's use of evidence-based practices in childbirth after participating in the Senses of Birth intervention: a mixed-methods study. *Plos One*, v. 16, n. 4, p. 1-28, 2021. Doi: <http://dx.doi.org/10.1371/journal.pone.0248740>
74. FERNANDEZ, Michelle; et al. EXACERBATED VULNERABILITIES: PROFESSIONALS OF BRAZIL'S UNIFIED HEALTH SYSTEM DURING THE COVID-19 PANDEMIC. *Brazil Studies Program one pager*, v., n 19, p. 1-2, 2021.
75. FERREIRA, Amanda Carvalho Rosado et al. Cross-sectional study on *Brucella* spp., *Leptospira* spp. and *Salmonella* spp. in bats from Montes Claros, Minas Gerais, Brazil. *Comparative Immunology, Microbiology And Infectious Diseases*, v. 78, p. 1-4, 2021. Doi: <http://dx.doi.org/10.1016/j.cimid.2021.101692>
76. FERREIRA, Carolina Souza; ANDRADE, Fabíola Bof de. Desigualdades socioeconômicas associadas ao excesso de peso e sedentarismo em adolescentes brasileiros. *Ciênc. saúde coletiva*, v. 26, n. 3, p. 1095-1102, 2021. <https://doi.org/10.1590/1413-81232021263.09022019>
77. FERREIRA, Flávio Campos et al. Identification and characterization of microsatellite markers for population genetic studies of *Panstrongylus*

- megistus (Burmeister, 1835) (Triatominae: reduviidae). *Parasites & Vectors*, v. 14, n. 1, p. 1-8, 2021. Doi: <http://dx.doi.org/10.1186/s13071-021-04771-w>
78. FERREIRA, Ilana Rafaely dos Santos et al. Homicídios femininos no estado do Rio Grande do Norte e suas regiões de saúde no período de 2000 a 2016. *Cadernos Saúde Coletiva*, v. 29, n. , p. 92-102, 2021. Doi: <http://dx.doi.org/10.1590/1414-462x202199010361>.
79. FERREIRA, Marcelo U. et al. Monitoring Plasmodium vivax resistance to antimalarials: persisting challenges and future directions. *International Journal For Parasitology: Drugs and Drug Resistance*, v. 15, p. 9-24, 2021. Doi: <http://dx.doi.org/10.1016/j.ijpddr.2020.12.00>
80. FERREIRA, Mariana Costa et al. Bioprospecting of Neotropical Endophytic Fungi in South America Applied to Medicine. In: ROSA, Luiz Henrique (eds) *Neotropical Endophytic Fungi*. Springer, Cham. 2021. p. 213-256. doi.org/10.1007/978-3-030-53506-3_1
81. FERREIRA, Raquel A. et al. Triggering the proboscis extension reflex (PER) in *Rhodnius prolixus*. *Journal Of Insect Physiology*, v. 132, p. 1-6, 2021. Doi: <http://dx.doi.org/10.1016/j.jinsphys.2021.104249>.
82. FIALHO JUNIOR, Luiz et al. Proteomic analysis reveals differentially abundant proteins probably involved in the virulence of amastigote and promastigote forms of *Leishmania infantum*. *Parasitol Res.*, v. 120, n. 2, p. 679-692, 2021. doi: 10.1007/s00436-020-07020-8.
83. FIGUEIREDO, Amanda Braga et al. Clustering of adenosine A2B receptors with ectonucleotidases in caveolin-rich lipid rafts underlies immunomodulation by *Leishmania amazonensis*. *The FASEB Journal*, v. 35, n. 5, p. 1-16, 2021. Doi: <http://dx.doi.org/10.1096/fj.202002396rr>.
84. FIGUEIREDO, Maria Marta et al. Improved Performance of ELISA and Immunochromatographic Tests Using a New Chimeric A2-B Based Protein for Human Visceral Leishmaniasis Diagnosis. *Journal Of Immunology Research*, v. 2021, p. 1-15, 2021. Doi: <http://dx.doi.org/10.1155/2021/5568077>
85. FONSECA, Kátia da Silva et al. Benzimidazole Treatment: time- and dose-dependence varies with the *Trypanosoma cruzi* strain. *Pathogens*, v. 10, n. 6, p. 1-10, 2021. Doi: <http://dx.doi.org/10.3390/pathogens10060729>.
86. FONTES-CAL, Tereza C. M. et al. Crosstalk Between Plasma Cytokines, Inflammation, and Liver Damage as a New Strategy to Monitoring NAFLD

- Progression. *Frontiers In Immunology*, v. 12, p. 1-10, 2021. Doi: <http://dx.doi.org/10.3389/fimmu.2021.708959>
87. FRADICO, Jordana Rodrigues Barbosa et al. CCL3, CCL5, IL-15, IL-1Ra and VEGF compose a reliable algorithm to discriminate classes of adverse events following 17DD-YF primary vaccination according to cause-specific definitions. *Vaccine*, v. 39, n.31, 13 p. 4359-4372, 2021. Doi: <https://doi.org/10.1016/j.vaccine.2021.05.101>
88. FRAIHA, Ana Luiza Soares et al. Swine influenza A virus subtypes circulating in Brazilian commercial pig herds from 2012 to 2019. *Brazilian Journal Of Microbiology*, v. 52, n. 4, p. 2421-2430, 2021. Doi: <http://dx.doi.org/10.1007/s42770-021-00550-y>.
89. FREIRE NETO, João Bastos et al. Building the capacity of community health workers to support health and social care for dependent older people in Latin America: a pilot study in fortaleza, brazil. *Bmc Geriatrics*, v. 21, n. 1, p. 1-9, 2021. Doi: <http://dx.doi.org/10.1186/s12877-021-02477-3>.
90. FUMAGALLI, Marcilio Jorge et al. Protective Immunity against Gamma and Zeta Variants after Inactivated SARS-CoV-2 Virus Immunization. *Viruses*, v. 13, n. 12, p. 1-16, 2021. Doi: <http://dx.doi.org/10.3390/v13122440>
91. GALVANI, Nathalia Coral et al. ChimLeish, a new recombinant chimeric protein evaluated as a diagnostic and prognostic marker for visceral leishmaniasis and human immunodeficiency virus coinfection. *Parasitol Res.*, v. 120, n. 12, p. 4037-4047, 2021. doi: 10.1007/s00436-021-07342-1.
92. GAMA, Carlos Alberto Pegolo da et al. Os profissionais da Atenção Primária à Saúde diante das demandas de Saúde Mental: perspectivas e desafios. *Interface - Comunicação, Saúde, Educação*, v. 25, p. 1-16, 2021. Doi: <http://dx.doi.org/10.1590/interface.200438>
93. GESTO, João Silveira Moledo et al. Large-Scale Deployment and Establishment of Wolbachia Into the Aedes aegypti Population in Rio de Janeiro, Brazil. *Frontiers In Microbiology*, v. 12, p. 1-11, 2021. Doi: <http://dx.doi.org/10.3389/fmicb.2021.711107>.
94. GESTO, João Silveira Moledo et al. Reduced competence to arboviruses following the sustainable invasion of Wolbachia into native Aedes aegypti from Southeastern Brazil. *Scientific Reports*, v. 11, n. 1, p. 1-14, 2021. Doi: <http://dx.doi.org/10.1038/s41598-021-89409-8>.

95. GODOY, Raquel Soares Maia et al. Dengue and Zika virus infection patterns vary among *Aedes aegypti* field populations from Belo Horizonte, a Brazilian endemic city. *Plos Neglected Tropical Diseases*, v. 15, n. 11, p. 1-24, 2021. Doi: <http://dx.doi.org/10.1371/journal.pntd.0009839>
96. GODOY, Raquel Soares Maia et al. FMRF-related peptides in *Aedes aegypti* midgut: neuromuscular connections and enteric nervous system. *Cell Tissue Res.*, v. 385, p. 585–602, 2021. doi.org/10.1007/s00441-021-03462-3
97. GOMES, Juliana Moreira Mendonça et al. Flow cytometry in the analysis of hematological parameters of tilapias: applications in environmental aquatic toxicology. *Environmental Science And Pollution Research*, v. 28, n. 5, p. 6242-6248, 2021. Doi: <http://dx.doi.org/10.1007/s11356-020-12119->
98. GONTIJO, Ana Paula Bensemann et al. Cross-country validity of the Alberta Infant Motor Scale using a Brazilian sample. *Brazilian Journal Of Physical Therapy*, v. 25, n. 4, p. 444-449, 2021. Doi: <http://dx.doi.org/10.1016/j.bjpt.2020.12.004>
99. GOUVEIA, Mateus H. et al. Trans-ethnic meta-analysis identifies new loci associated with longitudinal blood pressure traits. *Scientific Reports*, v. 11, n. 1, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1038/s41598-021-83450-3>.
100. GRAEFF-TEIXEIRA, Carlos et al. Low specificity of point-of-care circulating cathodic antigen (POC CCA) diagnostic test in a non-endemic area for schistosomiasis mansoni in Brazil. *Acta Tropica*, v. 217, p. 1-7, 2021. Doi: <http://dx.doi.org/10.1016/j.actatropica.2021.105863>
101. GUERRA, Luiza Rodrigues Moreira et al. Bedbug salivation patterns during hematophagy in the skin of a mammalian host. *Journal Of Insect Physiology*, v. 131, p. 1-8, 2021. Doi: <http://dx.doi.org/10.1016/j.jinsphys.2021.104235>.
102. GURGEL-GONÇALVES, Rodrigo et al. TriatoDex, an electronic identification key to the Triatominae (Hemiptera: reduviidae), vectors of chagas disease. *Plos One*, v. 16, n. 4, p. 1-22, 2021. Doi: <http://dx.doi.org/10.1371/journal.pone.0248628>
103. GUSMÃO, Michéla A.N. et al. Potato apyrase reduces granulomatous area and increases presence of multinucleated giant cells in murine schistosomiasis. *Parasitology International*, v. 83, p. 1-7, 2021. Doi: <http://dx.doi.org/10.1016/j.parint.2021.102317>

104. HANSEN, Erika Oliveira et al. Millipore xMap® Luminex (HATMAG-68K): an accurate and cost-effective method for evaluating alzheimer's biomarkers in cerebrospinal fluid. *Frontiers In Psychiatry*, v. 12, p. 1-9, 2021. Doi: <http://dx.doi.org/10.3389/fpsy.2021.716686>
105. HONORATO, Nathan Ravi Medeiros et al. Triatomine and *Trypanosoma cruzi* discrete typing units distribution in a semi-arid area of northeastern Brazil. *Acta Tropica*, v. 220, p. 1-9, 2021. Doi: <http://dx.doi.org/10.1016/j.actatropica.2021.105950>
106. HORÁCIO, Elvira Cynthia Alves et al. Perspectives From Systems Biology to Improve Knowledge of Leishmania Drug Resistance. *Frontiers In Cellular And Infection Microbiology*, v. 11, p. 1-8, 2021. Doi: <http://dx.doi.org/10.3389/fcimb.2021.653670>.
107. JACOB-NASCIMENTO, Leile Camila et al. Acute-Phase Levels of CXCL8 as Risk Factor for Chronic Arthralgia Following Chikungunya Virus Infection. *Frontiers In Immunology*, v. 12, p. 1-10, 2021. Doi: <http://dx.doi.org/10.3389/fimmu.2021.744183>
108. JUNQUEIRA, Caroline Furtado et al. $\gamma\delta$ T cells suppress *Plasmodium falciparum* blood-stage infection by direct killing and phagocytosis. *Nature Immunology*, v. 22, n. 3, p. 347-357, 2021. doi: 10.1038/s41590-020-00847-4.
109. KERR, Marlon Wendell Athaydes et al. Bone Marrow Soluble Immunological Mediators as Clinical Prognosis Biomarkers in B-Cell Acute Lymphoblastic Leukemia Patients Undergoing Induction Therapy. *Frontiers In Oncology*, v. 11, p. 1-12, 2021. Doi: <http://dx.doi.org/10.3389/fonc.2021.696032>
110. KURIZKY, Patricia et al. Molecular and Cellular Biomarkers of COVID-19 Prognosis: protocol for the prospective cohort target study. *Jmir Research Protocols*, v. 10, n. 3, p. 1-13, 2021. Doi: <http://dx.doi.org/10.2196/24211>
111. KUSCHNIR, Renata Caetano et al. High levels of anti-Leishmania IgG3 and low CD4+ T cells count were associated with relapses in visceral leishmaniasis. *Bmc Infectious Diseases*, v. 21, n. 1, p. 1-14, 2021. Doi: <http://dx.doi.org/10.1186/s12879-021-06051-5>
112. LAGE, Anna Carolina Pinheiro et al. Synthesis and characterization of gold nanorods using the natural products resveratrol, gallic acid, and a purified fraction of *Stryphnodendron obovatum* by seedless method.

- Environmental Nanotechnology, Monitoring & Management, v. 16, p. 1-9, 2021. Doi: <http://dx.doi.org/10.1016/j.enmm.2021.100473>
113. LATORRE-ESTIVALIS, Jose Manuel et al. Evolution of the Insect PPK Gene Family. *Genome Biology And Evolution*, v. 13, n. 9, p. 1-15, 2021. Doi: <http://dx.doi.org/10.1093/gbe/evab185>
114. LEITE, Thiago H. J. F. et al. Distinct Roles of Hemocytes at Different Stages of Infection by Dengue and Zika Viruses in *Aedes aegypti* Mosquitoes. *Frontiers In Immunology*, v. 12, p. 1-11, 2021. Doi: <http://dx.doi.org/10.3389/fimmu.2021.660873>.
115. LLOYD-SHERLOCK, Peter et al. An emergency strategy framework for managing COVID-19 in long-term care facilities in Brazil. *Geriatrics, Gerontology And Aging*, v. 15, p. 1-5, 2021. Doi: <http://dx.doi.org/10.5327/z2447-212320212100030>
116. LOPES, Paula Rodrigues et al. Autohemotherapy increases phagocytic activity of neutrophils and promotes cytokine production by lymphocytes in horses. *Brazilian Journal Of Veterinary Medicine*, v. 43, p. 1-13, 2021. Doi: <http://dx.doi.org/10.29374/2527-2179.bjvm000821>
117. LOPES, T.C.M. et al. High-Density-Immune-Complex Regulatory Macrophages Promote Recovery of Experimental Colitis in Mice. *Inflammation, Inflammation*, v.44, n.3, p. 1069–1082, 2021. Doi: <https://doi.org/10.1007/s10753-020-01403-w>.
118. LUDWIG, Sandra et al. High connectivity and migration potentiate the invasion of *Limnoperna fortunei* (Mollusca: mytilidae) in south america. *Hydrobiologia*, v. 848, n. 2, p. 499-513, 2021. Doi: <http://dx.doi.org/10.1007/s10750-020-04458-w>
119. MACIEL, Poliane Silva et al. *Schistosoma mansoni* Infection Is Impacted by Malnutrition. *Frontiers In Microbiology*, v. 12, p. 1-12, 2021. Doi: <http://dx.doi.org/10.3389/fmicb.2021.635843>.
120. MACINKO, James et al. Life-course risk factors are associated with activity of daily living disability in older adults. *European Journal Of Public Health*, v. 31, n. 3, p. 520-527, 2021. Doi: <http://dx.doi.org/10.1093/eurpub/ckaa156>
121. MACINKO, James et al. Which older Brazilians will accept a COVID-19 vaccine? Cross-sectional evidence from the Brazilian Longitudinal Study of

- Aging (ELSI-Brazil). *Bmj Open*, v. 11, n. 11, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1136/bmjopen-2021-049928>
122. MAGALHÃES-GAMA, Fábio et al. Imbalance of Chemokines and Cytokines in the Bone Marrow Microenvironment of Children with B-Cell Acute Lymphoblastic Leukemia. *Journal Of Oncology*, v. 2021, p. 1-9, 2021. Doi: <http://dx.doi.org/10.1155/2021/5530650>.
123. MALTA, Deborah Carvalho et al. Analysis of demand and access to services in the last two weeks previous to the National Health Survey 2013 and 2019. *Revista Brasileira de Epidemiologia*, v. 24, n. 2, p. 1-16, 2021. Doi: <http://dx.doi.org/10.1590/1980-549720210002.supl.2>.
124. MALTA, Deborah Carvalho et al. Mortalidade de adolescentes e adultos jovens brasileiros entre 1990 e 2019: uma análise do estudo carga global de doença. *Ciência & Saúde Coletiva*, v. 26, n. 9, p. 4069-4086, 2021. Doi: <http://dx.doi.org/10.1590/1413-81232021269.12122021>.
125. MARCOLINO, Milena S. et al. ABC2-SPH risk score for in-hospital mortality in COVID-19 patients: development, external validation and comparison with other available scores. *International Journal Of Infectious Diseases*, v. 110, p. 281-308, 2021. Doi: <http://dx.doi.org/10.1016/j.ijid.2021.07.049>
126. MARCOLINO, Milena S. et al. Clinical characteristics and outcomes of patients hospitalized with COVID-19 in Brazil: results from the brazilian covid-19 registry. *International Journal Of Infectious Diseases*, v. 107, p. 300-310, 2021. Doi: <http://dx.doi.org/10.1016/j.ijid.2021.01.019>
127. MAREK, Martin et al. Species-selective targeting of pathogens revealed by the atypical structure and active site of *Trypanosoma cruzi* histone deacetylase DAC2. *Cell Reports*, v. 37, n. 12, p. 1-27, 2021. Doi: <http://dx.doi.org/10.1016/j.celrep.2021.110129>
128. MARLIÉRE, Newmar Pinto et al. *Trypanosoma cruzi*-infected *Rhodnius prolixus* endure increased predation facilitating parasite transmission to mammal hosts. *Plos Neglected Tropical Diseases*, v. 15, n. 7, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1371/journal.pntd.0009570>.
129. MARTINEZ-HERNANDEZ, J. Eduardo et al. Network-Based Approaches Reveal Potential Therapeutic Targets for Host-Directed Antileishmanial Therapy Driving Drug Repurposing. *Microbiology Spectrum*, v. 9, n. 2, p. 1-17, 2021. Doi: <http://dx.doi.org/10.1128/spectrum.01018-21>.

130. MASSARA, Cristiano Lara et al. Aceitação entre estudantes do ensino básico do desenho animado O X na Xistose para construção de conhecimentos sobre esquistossomose. *Revista Eletrônica de Comunicação, Informação e Inovação em Saúde*, v. 15, n. 1, p. 1-10, 2021. Doi: <http://dx.doi.org/10.29397/reciis.v15i1.1968>
131. MATOSINHO, Carolina Guimarães Ramos et al. Identification and in silico characterization of structural and functional impacts of genetic variants in milk protein genes in the Zebu breeds Guzerat and Gyr. *Tropical Animal Health And Production*, v. 53, n. 6, p. 1-15, 2021. Doi: <http://dx.doi.org/10.1007/s11250-021-02970-2>.
132. MEDEIROS, Fernanda Alvarenga Cardoso et al. Phase II validation study of the rK39 ELISA prototype for the diagnosis of canine visceral leishmaniasis in Brazil. *Cadernos de Saúde Pública*, v. 37, n. 3, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1590/0102-311x00041320>.
133. MEIRA, Karina Cardoso et al. Efeitos temporais das estimativas de mortalidade corrigidas de homicídios femininos na Região Nordeste do Brasil. *Cadernos de Saúde Pública*, v. 37, n. 2, p. 1-15, 2021. Doi: <http://dx.doi.org/10.1590/0102-311x00238319>.
134. MELO, Caroline Vilas Boas de et al. Splenic Transcriptional Responses in Severe Visceral Leishmaniasis: impaired leukocyte chemotaxis and cell cycle arrest. *Frontiers In Immunology*, v. 12, p. 1-15, 2021. Doi: <http://dx.doi.org/10.3389/fimmu.2021.716314>
135. MELO, Eliza M. et al. Relevance of angiotensin-(1-7) and its receptor Mas in pneumonia caused by influenza virus and post-influenza pneumococcal infection. *Pharmacological Research*, v. 163, p. 1-12, 2021. Doi: <http://dx.doi.org/10.1016/j.phrs.2020.105292>
136. MENDES, Suellen da Rocha et al. The Influence of Dentists' Profile and Health Work Management in the Performance of Brazilian Dental Teams. *Biomed Research International*, v. 2021, p. 1-10, 2021. Doi: <http://dx.doi.org/10.1155/2021/8843928>
137. MENDONÇA, Edna Mara et al. O Projeto Redes em Betim/MG: encontros intersetoriais para o fortalecimento da rede de atenção e redução de danos a pessoas que usam drogas. *Revista Pesquisas e Práticas Psicossociais*, v. 16, n. 1, p. 1-14, 2021.

138. MENDONÇA, Silvana F. de et al. Evaluation of *Aedes aegypti*, *Aedes albopictus*, and *Culex quinquefasciatus* Mosquitoes Competence to Oropouche virus Infection. *Viruses*, v. 13, n. 5, p. 1-17, 2021. Doi: <http://dx.doi.org/10.3390/v13050755>
139. MENEZES, Júlia Alves et al. Analyzing Spatial Patterns of Health Vulnerability to Drought in the Brazilian Semiarid Region. *International Journal of Environmental Research and Public Health*, v. 18, n. 12, p.1 - 19, 2021. Doi: <https://doi.org/10.3390/ijerph18126262>
140. MESQUITA, Silvia Gonçalves et al. A loop-mediated isothermal amplification assay for *Schistosoma mansoni* detection in *Biomphalaria* spp. from schistosomiasis-endemic areas in Minas Gerais, Brazil. *Parasites & Vectors*, v. 14, n. 1, p. 1-12, 2021. Doi: <http://dx.doi.org/10.1186/s13071-021-04888-y>.
141. MIRANDA, Farlen J. B. et al. *Toxoplasma gondii*-Induced Neutrophil Extracellular Traps Amplify the Innate and Adaptive Response. *Mbio*, v. 12, n. 5, p. 1-14, 2021. Doi: <http://dx.doi.org/10.1128/mbio.01307-21>.
142. MIRANDA, Izabel Luzia et al. Stereoselective synthesis of (-)-cytoxazone and its unnatural congener (+)-5-epi-cytoxazone. *Chirality*, v. 33, n. 8, p. 479-489, 2021. Doi: <http://dx.doi.org/10.1002/chir.23334>.
143. MIRANDA, Wanessa Debôrtoli de et al. A encruzilhada da judicialização da saúde no Brasil sob a perspectiva do Direito Comparado. *Cadernos Ibero-Americanos de Direito Sanitário*, v. 10, n. 4, p. 197-223, 2021. Doi: <http://dx.doi.org/10.17566/ciads.v10i4.736>
144. MIRANDA, Wanessa Debôrtoli de et al. Programa Nacional de Suplementação de Vitamina A: educação alimentar e nutricional no contexto da atenção primária à saúde. *Cadernos Saúde Coletiva*, v. 29, n. 4, p. 509-517, 2021. Doi: <http://dx.doi.org/10.1590/1414-462x202129040225>
145. MISCHIATTI, João Augusto Wendt et al. Compartilhamento do conhecimento em situações de crises: revisão sistemática da literatura. *Informação & Informação*, v. 26, n. 4, p. 595-619, 2021. Doi: <http://dx.doi.org/10.5433/1981-8920.2021v26n4p595>.
146. MOLINA, Israel et al. Chagas disease and SARS-CoV-2 coinfection does not lead to worse in-hospital outcomes. *Scientific Reports*, v. 11, n. 1, p. 1-9, 2021. Doi: <http://dx.doi.org/10.1038/s41598-021-96825-3>

147. MORASCHI, Barbara Ferri et al. Rapamycin Improves the Response of Effector and Memory CD8+ T Cells Induced by Immunization With ASP2 of *Trypanosoma cruzi*. *Frontiers In Cellular And Infection Microbiology*, v. 11, p. 1-16, 2021. Doi: <http://dx.doi.org/10.3389/fcimb.2021.676183>.
148. MOREIRA, Bruno de Souza et al. Perceived Neighborhood and Walking Among Older Brazilian Adults Living in Urban Areas: a national study (elsi-brazil). *Journal Of Aging And Physical Activity*, v. 29, n. 3, p. 431-441, 2021. Doi: <http://dx.doi.org/10.1123/japa.2020-0227>
149. MOSQUERA, Katherine D. et al. Multi-Omic Analysis of Symbiotic Bacteria Associated With *Aedes aegypti* Breeding Sites. *Frontiers In Microbiology*, v. 12, p. 1-10, 2021. Doi: <http://dx.doi.org/10.3389/fmicb.2021.703711>
150. MOURIER, Tobias et al. The genome of the zoonotic malaria parasite *Plasmodium simium* reveals adaptations to host switching. *Bmc Biology*, v. 19, n. 1, p. 1-17, 2021. Doi: <http://dx.doi.org/10.1186/s12915-021-01139-5>
151. NASCIMENTO-SOUZA, Mary Anne et al. Association between “a body shape index” and mortality: bambuí cohort study of aging, brazil. *Cadernos de Saúde Pública*, v. 37, n. 1, p. 1-12, 2021. Doi: <http://dx.doi.org/10.1590/0102-311x00016020>
152. NEVES, Eula G.A et al. Systemic cytokines, chemokines and growth factors reveal specific and shared immunological characteristics in infectious cardiomyopathies. *Cytokine*, v. 148, p. 1-13, 2021. Doi: <http://dx.doi.org/10.1016/j.cyto.2021.155711>
153. NEVES, Rafael L. et al. A follow-up study (2007–2018) on American Tegumentary Leishmaniasis in the municipality of Caratinga, Minas Gerais State, Brazil: spatial analyses and sand fly collection. *Plos Neglected Tropical Diseases*, v. 15, n. 5, p. 1-21, 2021. Doi: <http://dx.doi.org/10.1371/journal.pntd.0009429>
154. NIITSUMA, Eyleen Nabyla Alvarenga et al. Fatores associados ao adoecimento por hanseníase em contatos: revisão sistemática e metanálise. *Revista Brasileira de Epidemiologia*, v. 24, p. 1-16, 2021. Doi: <http://dx.doi.org/10.1590/1980-549720210039>.
155. NOGUEIRA, Denise Christie Souto et al. A phase IV, prospective, observational study of the clinical safety of snake antivenoms. *Revista do*

- Instituto de Medicina Tropical de São Paulo, v. 63, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1590/s1678-9946202163079>.
156. NOGUEIRA, Denise Silva et al. Eosinophils mediate SIgA production triggered by TLR2 and TLR4 to control *Ascaris suum* infection in mice. *Plos Pathogens*, v. 17, n. 11, p. 1-33, 2021. Doi: <http://dx.doi.org/10.1371/journal.ppat.1010067>
 157. NORONHA, Beatriz Prado et al. *Chlamydia pneumoniae* and *Helicobacter pylori* infections and immunological profile of community-dwelling older adults. *Experimental Gerontology*, v. 156, p. 1-7, 2021. Doi: <http://dx.doi.org/10.1016/j.exger.2021.111589>
 158. NORONHA, Beatriz Prado et al. Cytomegalovirus and herpes simplex type 1 infections and immunological profile of community-dwelling older adults. *Experimental Gerontology*, v. 149, p. 1-8, 2021. Doi: <http://dx.doi.org/10.1016/j.exger.2021.111337>
 159. OLIVEIRA, Eduardo José Pereira et al. Edentulism-free life expectancy among older Brazilian adults: sabe study, 2006 :2016. *Gerodontology*, v. 38, n. 4, p. 429-436, 2021. Doi: <http://dx.doi.org/10.1111/ger.12541>.
 160. OLIVEIRA, Juliana Ferreira de et al. Caracterização da exposição humana a lodo de esgoto sanitário na cadeia: tratamento, uso agrícola e consumo de hortaliças. *Engenharia Sanitaria e Ambiental*, v. 26, n. 2, p. 221-230, 2021. Doi: <http://dx.doi.org/10.1590/s1413-415220190208>
 161. OLIVEIRA, Lucas Carrijo de et al. Reenacting the Birth of a Function: functional divergence of hiuses and transthyretins as inferred by evolutionary and biophysical studies. *Journal Of Molecular Evolution*, v. 89, n. 6, p. 370-383, 2021. Doi: <http://dx.doi.org/10.1007/s00239-021-10010-8>
 162. OLIVEIRA, Pablo Rafael Silveira et al. LRRK2 Gene Variants Associated With a Higher Risk for Alcohol Dependence in Multiethnic Populations. *Frontiers In Psychiatry*, v. 12, p. 1-12, 2021. Doi: <http://dx.doi.org/10.3389/fpsy.2021.665257>.
 163. OSTOLIN, T. L. V. D. P. et al. A chimeric vaccine combined with adjuvant system induces immunogenicity and protection against visceral leishmaniasis in BALB/c mice. *Vaccine*, v. 39, p. 2755-2763, 2021. Doi: <https://doi.org/10.1016/j.vaccine.2021.04.004>.

164. OSTOS, Natascha Stefania Carvalho de et al. "Carnivorismo é uma civilização": vegetarianismo brasileiro e discursos sobre os animais, 1902-1940. *História, Ciências, Saúde-Manguinhos*, v. 28, n. 1, p. 37-57, 2021. Doi: <http://dx.doi.org/10.1590/s0104-59702021000500002>
165. OSTOS, Natascha Stefania Carvalho de et al. Nilo Peçanha e seu cão Jicky: sentidos culturais e políticos de uma relação. *Tempo*, v. 27, n. 2, p. 269-291, 2021. Doi: <http://dx.doi.org/10.1590/tem-1980-542x2021v270203>.
166. OYEYEMI, O.T. et al. Evaluation of schistosomula crude antigen (SCA) as a diagnostic tool for *Schistosoma mansoni* in low endemic human population. *Sci. Rep.*, v.11, n.10530, 2021. Doi: <https://doi.org/10.1038/s41598-021-89929-3>
167. PAES-SOUSA, Romulo et al. Brevíssimo inventário dos fracassos no enfrentamento da Covid-19 no Brasil. *Revista Brasileira de Estudos de População*, v. 38, p. 1-5, 2021. Doi: <http://dx.doi.org/10.20947/s0102-3098a0143>.
168. PARANAIBA, Larissa F. et al. *Triatoma infestans* susceptibility to different *Trypanosoma cruzi* strains: parasite development and early escape from anterior midgut. *Parasitology*, v. 148, n. 3, p. 295-301, 2021. Doi: <http://dx.doi.org/10.1017/s0031182020001699>.
169. PASSAGLI, Leila Cristina et al. Knowledge of prescribed drugs among primary care patients: findings from prover project. *International Journal Of Clinical Pharmacy*, v. 43, n. 5, p. 1265-1273, 2021. Doi: <http://dx.doi.org/10.1007/s11096-021-01246-x>
170. PATROCINO, Laís Barbosa et al. Divulgação não autorizada de imagem íntima: danos à saúde das mulheres e produção de cuidados. *Interface - Comunicação, Saúde, Educação*, v. 25, p. 1-15, 2021. Doi: <http://dx.doi.org/10.1590/interface.210031>.
171. PAULA, A.C.L. de et al. Microbiome of industrialized Minas Frescal Cheese reveals high prevalence of putative bacteria: a concern in the one health context. *Lwt*, v. 139, p. 1-8, 2021. Doi: <http://dx.doi.org/10.1016/j.lwt.2020.110791>.
172. PAULA, Alexandre Silva de et al. Historical Biogeography and the Evolution of Hematophagy in *Rhodniini* (Heteroptera: reduviidae). *Frontiers In Ecology And Evolution*, v. 9, p. 1-13, 2021. Doi: <http://dx.doi.org/10.3389/fevo.2021.660151>

173. PAULINO, Patrícia et al. Characterization of the *Rhipicephalus* (*Boophilus*) *microplus* Sialotranscriptome Profile in Response to *Theileria equi* Infection. *Pathogens*, v. 10, n. 2, p. 1-18, 2021. Doi: <http://dx.doi.org/10.3390/pathogens10020167>.
174. PEDROSA, Maria Luysa C. et al. Dot blot platform as a novel diagnostic kit: rapid, accurate, and on-site detection of *Schistosoma mansoni* in urine samples of hard to detect individuals. *Parasitology Research*, v. 120, n. 11, p. 3795-3803, 2021. Doi: <http://dx.doi.org/10.1007/s00436-021-07312-7>.
175. PEIXOTO, Sérgio Viana et al. Soroprevalência e fatores associados a infecções crônicas entre idosos residentes na comunidade. *Ciência & Saúde Coletiva*, v. 26, n. 3, p. 5109-5121, 2021. Doi: <http://dx.doi.org/10.1590/1413-812320212611.3.37062019>
176. PELICICE, Fernando Mayer et al. Large-scale Degradation of the Tocantins-Araguaia River Basin. *Environmental Management*, v. 68, n. 4, p. 445-452, 2021. Doi: <http://dx.doi.org/10.1007/s00267-021-01513-7>
177. PENNA-COUTINHO, Julia et al. MEFAS, a hybrid of artesunate-mefloquine active against asexual stages of *Plasmodium vivax* in field isolates, inhibits malaria transmission. *International Journal For Parasitology: Drugs and Drug Resistance*, v. 17, p. 150-155, 2021. Doi: <http://dx.doi.org/10.1016/j.ijpddr.2021.09.003>.
178. PEREIRA, Thiago Nunes et al. Mayaro Virus: the potential role of microbiota and *Wolbachia*. *Pathogens*, v. 10, n. 5, p. 1-16, 2021. Doi: <http://dx.doi.org/10.3390/pathogens10050525>.
179. PESSOA, Grasielle Caldas D'ávila et al. Evaluation of the insecticide susceptibility profile in *Cimex lectularius* (Hemiptera: Cimicidae) in Belo Horizonte (Brazil). *Revista da Sociedade Brasileira de Medicina Tropical*, v. 54, p. 1-5, 2021. Doi: <http://dx.doi.org/10.1590/0037-8682-0707-2020>
180. PESSOA, Natália Lima et al. Case report: hepatitis in a child infected with SARS-CoV-2 presenting Toll-like receptor 7 Gln11Leu single nucleotide polymorphism. *Virology Journal*, v. 18, n. 1, p. 1-5, 2021. Doi: <http://dx.doi.org/10.1186/s12985-021-01656-3>
181. PESSOA, Natália Lima et al. Children with sickle cell disease and severe COVID-19 presenting single nucleotide polymorphisms in innate immune response genes – A case report. *Ejhaem*, v. 3, n. 1, p. 199-202, 2021. Doi: <http://dx.doi.org/10.1002/jha2.325>.

182. PINA-COSTA, Anielle de et al. Increased primaquine total dose prevents Plasmodium vivax relapses in patients with impaired CYP2D6 activity: report of three cases. *Malaria Journal*, v. 20, n. 1, p. 1-6, 2021. Doi: <http://dx.doi.org/10.1186/s12936-021-03869-x>
183. PINTO, Isabella Vitral et al. Atuação De Estados E Capitais No Enfrentamento À Violência Contra As Mulheres No Contexto Da COVID-19 No Brasil. *Revista feminismos*, v.9, n.1, p. 229-244,2021.
184. PINTO, Isabella Vitral et al. Fatores associados ao óbito de mulheres com notificação de violência por parceiro íntimo no Brasil. *Ciência & Saúde Coletiva*, v. 26, n. 3, p. 975-985, 2021. Doi: <http://dx.doi.org/10.1590/1413-81232021263.00132021>
185. PINTO, Sofia B. et al. Effectiveness of Wolbachia-infected mosquito deployments in reducing the incidence of dengue and other Aedes-borne diseases in Niterói, Brazil: a quasi-experimental study. *Plos Neglected Tropical Diseases*, v. 15, n. 7, p. 1-23, 2021. Doi: <http://dx.doi.org/10.1371/journal.pntd.0009556>.
186. POAGUE, Kasandra Isabella Helouise Mingoti et al. Association between water and sanitation and soil-transmitted helminthiasis: analysis of the Brazilian national survey of prevalence (2011-2015). *Archives Of Public Health*, v. 79, n. 1, p. 1-10, 2021. Doi: <http://dx.doi.org/10.1186/s13690-021-00602-7>
187. POIER, Paloma Hohmann et al. The development of low-cost wrist, hand, and finger orthosis for children with cerebral palsy using additive manufacturing. *Research On Biomedical Engineering*, v. 37, n. 3, p. 445-453, 2021. Doi: <http://dx.doi.org/10.1007/s42600-021-00157-0>.
188. PRESOT, Ivanete Milagres et al. EXPERIÊNCIA DE IMPLANTAÇÃO DO CADERNO DE LABORATÓRIO ELETRÔNICO EM UM GRUPO DE PESQUISA DE UMA INSTITUIÇÃO PÚBLICA DE SAÚDE: viabilidade e impactos. *Revista Ibero-Americana de Humanidades, Ciências e Educação*, v. 7, n. 10, p. 153-167, 2021. Doi: <http://dx.doi.org/10.51891/rease.v7i10.2552>
189. QUEIROZ, Edson A. et al. CCL2 and IFN- γ serum levels as biomarkers for subclinical infection in household contacts of leprosy patients. *Microbial Pathogenesis*, v. 150, p. 1-7, 2021. Doi: <http://dx.doi.org/10.1016/j.micpath.2020.104725>

190. QUEIROZ, Josiane T. Matos et al. Descompasso entre conhecimentos, atitudes e práticas sobre arboviroses e saneamento: pesquisa-ação em um município brasileiro. *Health And Biosciences*, v. 2, n. 1, p. 51-67, 2021. Doi: <http://dx.doi.org/10.47456/hb.v2i1.32775>.
191. RAMOS, Fernanda F. et al. Diagnostic application of sensitive and specific phage-exposed epitopes for visceral leishmaniasis and human immunodeficiency virus coinfection. *Parasitology*, v. 148, n. 13, p. 1706-1714, 2021. Doi: <http://dx.doi.org/10.1017/s0031182021001505>.
192. RÊGO, Felipe D. et al. *Lutzomyia longipalpis*: an update on this sand fly vector. *Anais da Academia Brasileira de Ciências*, v. 93, n. 3, p. 1-29, 2021. Doi: <http://dx.doi.org/10.1590/0001-3765202120200254>.
193. RIBEIRO, Ágata Lopes et al. A chimeric HLA-A2: β 2m. *Journal Of Immunological Methods*, v. 492, p. 1-8, 2021. Doi: <http://dx.doi.org/10.1016/j.jim.2021.112997>.
194. RIBEIRO, Isabela Gomes et al. Remodeling of immunological biomarkers in patients with chronic hepatitis C treated with direct-acting antiviral therapy. *Antiviral Research*, v. 190, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1016/j.antiviral.2021.105073>.
195. ROCCO, Patricia R.M. et al. Early use of nitazoxanide in mild COVID-19 disease: randomised, placebo-controlled trial. *European Respiratory Journal*, v. 58, n. 1, p. 1-10, 2021. Doi: <http://dx.doi.org/10.1183/13993003.03725-2020>
196. ROCHA, Cláudia E.V. et al. Alginate-chitosan microcapsules improve vaccine potential of gamma-irradiated *Listeria monocytogenes* against listeriosis in murine model. *International Journal Of Biological Macromolecules*, v. 176, p. 567-577, 2021. Doi: <http://dx.doi.org/10.1016/j.ijbiomac.2021.02.056>.
197. RODRIGUES DA CUNHA, Gisele Macêdo et al. α -Gal immunization positively impacts *Trypanosoma cruzi* colonization of heart tissue in a mouse model. *PLoS neglected tropical diseases*, v. 15, n. 7, p.1 - 14, 2021. Doi: [10.1371/journal.pntd.0009613](https://doi.org/10.1371/journal.pntd.0009613)
198. RODRIGUES, Bruno Leite et al. Identification of Bloodmeals from Sand Flies (Diptera: psychodidae) collected in the parque nacional do viruá, state of roraima, brazil. *Journal Of Medical Entomology*, v. 58, n. 6, p. 2488-2494, 2021. Doi: <http://dx.doi.org/10.1093/jme/tjab068>.

199. RODRIGUES, Daiana Elias et al. Exploring neighborhood socioeconomic disparity in self-rated health: a multiple mediation analysis. *Preventive Medicine*, v. 145, p. 1-7, 2021. Elsevier BV. <http://dx.doi.org/10.1016/j.ypmed.2021.106443>.
200. RODRIGUES, Nilton Barnabé et al. Brazilian *Aedes aegypti* as a Competent Vector for Multiple Complex Arboviral Coinfections. *The Journal Of Infectious Diseases*, p. 101-108, 2021. Doi: <http://dx.doi.org/10.1093/infdis/jiab066>
201. RODRIGUES, Nilton Barnabé et al. Phenotypic traits of individuals in a long-term colony of *Anopheles (Nyssorhynchus) aquasalis* (Diptera: culicidae) show variable susceptibility to plasmodium and suggest cryptic speciation. *Acta Tropica*, v. 224, p. 1-8, 2021. Doi: <http://dx.doi.org/10.1016/j.actatropica.2021.106129>.
202. RODRIGUES, Vanessa Fernandes et al. Infection by *Strongyloides venezuelensis* attenuates chronic colitis induced by Dextran Sodium Sulfate ingestion in BALB/c mice. *Immunobiology*, v. 226, n. 5, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1016/j.imbio.2021.152129>
203. ROLANDELLI, Agustín et al. Modulation of IMD, Toll, and Jak/STAT Immune Pathways Genes in the Fat Body of *Rhodnius prolixus* During *Trypanosoma rangeli* Infection. *Frontiers In Cellular And Infection Microbiology*, v. 10, p. 1-14, 2021. Doi: <http://dx.doi.org/10.3389/fcimb.2020.598526>.
204. ROSA-TEIJEIRO, Chloé et al. Three different mutations in the DNA topoisomerase 1B in *Leishmania infantum* contribute to resistance to antitumor drug topotecan. *Parasites & Vectors*, v. 14, n. 1, p. 1-30, 2021. Doi: <http://dx.doi.org/10.1186/s13071-021-04947-4>
205. SAMPAIO, Julia Ramos et al. *Leishmania infantum*-Derived Glycoinositolphospholipids in the Immunodiagnosis of Subclinically Infected Dogs. *Frontiers In Veterinary Science*, v. 8, p. 1-6, 2021. Doi: <http://dx.doi.org/10.3389/fvets.2021.581148>
206. SANTI, Ana Maria Murta et al. Downregulation of FeSOD-A expression in *Leishmania infantum* alters trivalent antimony and miltefosine susceptibility. *Parasites & Vectors*, v. 14, n. 1, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1186/s13071-021-04838-8>.

207. SANTOS, Bruna Damázio et al. Clinical Impact of a Comprehensive Medication Management Service in Primary Health Care. *Journal Of Pharmacy Practice*, v. 34, n. 2, p. 265-271, 2019. Doi: <http://dx.doi.org/10.1177/0897190019866309>
208. SANTOS, Cibele Lima dos et al. Educação do campo e saúde: análise de materiais didáticos produzidos pelo setor saúde do movimento sem terra. *Perspectivas em Diálogo: revista de educação e sociedade*, v. 8, n. 18, p. 43-68, 2021. Doi: <http://dx.doi.org/10.55028/pdres.v8i18.13322>.
209. SANTOS, Eilane Souza Marques dos et al. Differences in the prevalence of prediabetes, undiagnosed diabetes and diagnosed diabetes and associated factors in cohorts of Brazilian and English older adults. *Public Health Nutr.*, v. 24, n. 13, p. 4187-4194, 2021. doi: 10.1017/S1368980020003201.
210. SANTOS, Jany Helem de Almeida et al. Ser Mãe de Criança com Microcefalia: do ideal ao real na síndrome congênita do zika vírus (sczv). *Psicologia: Ciência e Profissão*, v. 41, n. 3, p. 1-17, 2021. Doi: <http://dx.doi.org/10.1590/1982-3703003193951>
211. SANTOS, Luara Isabela dos et al. Disrupted Iron Metabolism and Mortality during Co-infection with Malaria and an Intestinal Gram-Negative Extracellular Pathogen. *Cell Reports*, v. 34, n. 2, p. 1-23, 2021. Doi: <http://dx.doi.org/10.1016/j.celrep.2020.108613>.
212. SANTOS, Marina L. S. et al. The Interface Between Inflammatory Mediators and MicroRNAs in Plasmodium vivax Severe Thrombocytopenia. *Frontiers In Cellular And Infection Microbiology*, v. 11, p. 1-11, 2021. Doi: <http://dx.doi.org/10.3389/fcimb.2021.631333>
213. SANTOS, Nara Santos dos et al. Feline Leishmaniasis Caused by *Leishmania infantum*: parasite sequencing, seropositivity, and clinical characterization in an endemic area from brazil. *Frontiers In Veterinary Science*, v. 8, p. 1-12, 2021. Doi: <http://dx.doi.org/10.3389/fvets.2021.734916>.
214. SANTOS, Thaís T.O. et al. Potential of recombinant LiHyQ, a novel *Leishmania infantum* protein, for the diagnosis of canine visceral leishmaniasis and as a diagnostic and prognostic marker for human leishmaniasis and human immunodeficiency virus co-infection: a preliminary study. *Acta Tropica*, v. 224, p. 1-9, 2021. Doi: <http://dx.doi.org/10.1016/j.actatropica.2021.106126>

215. SANTOS, Walter Souza et al. Deforestation effects on *Attalea* palms and their resident *Rhodnius*, vectors of Chagas disease, in eastern Amazonia. *Plos One*, v. 16, n. 5, p. 1-22, 2021. Doi: <http://dx.doi.org/10.1371/journal.pone.0252071>.
216. SARTORI, Suélen et al. Synthetic Studies toward (-)-Cleistenolide: highly stereoselective synthesis of new γ -lactone subunits. *Journal Of The Brazilian Chemical Society*, p. 757-766, 2021. Doi:<http://dx.doi.org/10.21577/0103-5053.20200227>.
217. SATHLER-AVELAR, Renato et al. Phenotypic and Functional Signatures of Peripheral Blood and Spleen Compartments of *Cynomolgus* Macaques Infected With *T. cruzi*: associations with cardiac histopathological characteristics. *Frontiers In Cellular And Infection Microbiology*, v. 11, p. 1-13, 2021. Doi: <http://dx.doi.org/10.3389/fcimb.2021.701930>
218. SCLIAR, M.O., et al. Admixture/fine-mapping in Brazilians reveals a West African associated potential regulatory variant (rs114066381) with a strong female-specific effect on body mass and fat mass indexes. *International Journal of Obesity*, v.45, p.1017–1029, 2021. Doi:<https://doi.org/10.1038/s41366-021-00761-1>
219. SILVA, Alessandra Lima da et al. From In-Person to the Online World: insights into organizing events in bioinformatics. *Frontiers In Bioinformatics*, v. 1, p. 1-10, 2021. Doi: <http://dx.doi.org/10.3389/fbinf.2021.711463>
220. SILVA, Alexandre Moreira de Melo et al. Fragilidade entre idosos e percepção de problemas em indicadores de atributos da atenção primária à saúde: resultados do elsi-brasil. *Cadernos de Saúde Pública*, v. 37, n. 9, p. 1-12, 2021. Doi: <http://dx.doi.org/10.1590/0102-311x00255420>
221. SILVA, Daniele Gonçalves da et al. Brain-derived neurotrophic factor is down regulated after bovine alpha-herpesvirus 5 infection in both wild-type and TLR3/7/9 deficient mice. *Journal Of Veterinary Medical Science*, v. 83, n. 2, p. 180-186, 2021. Doi: <http://dx.doi.org/10.1292/jvms.20-0204>
222. SILVA, Danilo Jorge da et al. Estudo de série histórica de casos de tuberculose entre 1999 e 2015, em Ouro Preto, Minas Gerais, Brasil. *Cadernos Saúde Coletiva*, v. 29, n. 1, p. 36-45, 2021. Doi: <http://dx.doi.org/10.1590/1414-462x202129010120>.
223. SILVA, Juliano A. Souza et al. Unveiling six potent and highly selective antileishmanial agents via the open source compound collection 'Pathogen

- Box' against antimony-sensitive and -resistant *Leishmania braziliensis*. *Biomedicine & Pharmacotherapy*, v. 133, p. 1-10, 2021. Doi: <http://dx.doi.org/10.1016/j.biopha.2020.111049>.
224. SILVA, Sara de Souza et al. Análise espacial dos fatores associados às internações por condições sensíveis à atenção primária entre idosos de Minas Gerais. *Revista Brasileira de Epidemiologia*, v. 24, p. 1-13, 2021. Doi: <http://dx.doi.org/10.1590/1980-549720210037>
225. SILVA, Ubiana C. et al. Genomic and Phenotypic Insights Into the Potential of Rock Phosphate Solubilizing Bacteria to Promote Millet Growth in vivo. *Frontiers In Microbiology*, v. 11, p. 1-17, 2021. Doi: <http://dx.doi.org/10.3389/fmicb.2020.574550>.
226. SILVA, Vicente R. et al. Decreased Cytokine Plasma Levels and Changes in T-Cell Activation Are Associated With Hemodynamic Improvement and Clinical Outcomes After Percutaneous Mitral Commissurotomy in Patients With Rheumatic Mitral Stenosis. *Frontiers In Cardiovascular Medicine*, v. 7, p. 1-9, 2021. Doi: <http://dx.doi.org/10.3389/fcvm.2020.604826>.
227. SILVA-JUNIOR, Alexander Leonardo et al. Immunological Hallmarks of Inflammatory Status in Vaso-Occlusive Crisis of Sickle Cell Anemia Patients. *Frontiers In Immunology*, v. 12, p. 1-14, 2021. Doi: <http://dx.doi.org/10.3389/fimmu.2021.559925>
228. SILVEIRA, Danielle Costa et al. O uso de uma plataforma virtual para mobilização social no enfrentamento de arboviroses e controle do *Aedes aegypti*. *Revista Eletrônica de Comunicação, Informação e Inovação em Saúde*, v. 15, n. 1, p. 1-14, 2021. Doi: <http://dx.doi.org/10.29397/reciis.v15i1.1994>
229. SILVEIRA, Fabrício et al. Quantifying convergence on health-related indicators of the 2030 agenda for sustainable development. *Bull World Health Organ.*, v. 99, n. 3, p. 228-235, 2021. doi: 10.2471/BLT.19.245811.
230. SILVEIRA-LEMOS, Denise da et al. Phenotypic, functional and serological aspects of genotypic-specific immune response of experimental *T. cruzi* infection. *Acta Tropica*, v. 222, p. 1-11, 2021. Doi: <http://dx.doi.org/10.1016/j.actatropica.2021.106021>
231. SIMÕES, Taynãna César et al. Prevalências de doenças crônicas e acesso aos serviços de saúde no Brasil: evidências de três inquéritos

- domiciliares. *Ciência & Saúde Coletiva*, v. 26, n. 9, p. 3991-4006, 2021. Doi: <http://dx.doi.org/10.1590/1413-81232021269.02982021>
232. SIQUEIRA, Liliane Maria Vidal et al. A Real-Time PCR Assay for the Diagnosis of Intestinal Schistosomiasis and Cure Assessment After the Treatment of Individuals With Low Parasite Burden. *Frontiers In Immunology*, v. 11, p. 1-13, 2021. Doi: <http://dx.doi.org/10.3389/fimmu.2020.620417>.
233. SOUSA, L. R. D. et al. Trypanocidal Activity and Increased Solubility of Benznidazole Incorporated in PEG 4000 and Its Derivatives. *Journal of the Brazilian Chemical Society*, 2021, v. 32, n. 6, p. 1162-1172. Doi: <https://doi.org/10.21577/0103-5053.20210017>.
234. SOUZA, Anelise Andrade de et al. Combination of conditional cash transfer program and environmental health interventions reduces child mortality: an ecological study of brazilian municipalities. *Bmc Public Health*, v. 21, n. 1, p. 1-13, 2021. Doi: <http://dx.doi.org/10.1186/s12889-021-10649-4>.
235. SOUZA, Anelise Andrade de et al. Combined effects of conditional cash transfer program and environmental health interventions on diarrhea and malnutrition morbidity in children less than five years of age in Brazil, 2006–2016. *Plos One*, v. 16, n. 3, p. 1-18, 2021. Doi: <http://dx.doi.org/10.1371/journal.pone.0248676>.
236. SOUZA, Fernanda Sumika Hojo de et al. On the analysis of mortality risk factors for hospitalized COVID-19 patients: a data-driven study using the major brazilian database. *Plos One*, v. 16, n. 3, p. 1-21, 2021. Doi: <http://dx.doi.org/10.1371/journal.pone.0248580>.
237. SOUZA, Fernanda Sumika Hojo de et al. Predicting the Disease Outcome in COVID-19 Positive Patients Through Machine Learning: a retrospective cohort study with brazilian data. *Frontiers In Artificial Intelligence*, v. 4, p. 1-13, 2021. Doi: <http://dx.doi.org/10.3389/frai.2021.579931>.
238. STARLING, Ana Lúcia Borges et al. Impact of HIV co-infection on immunological biomarker profile of HTLV-1 infected patients. *Immunology Letters*, v. 236, p. 68-77, 2021. Doi: <https://doi.org/10.1016/j.imlet.2021.05.009>
239. SZELAG, E. A. et al. Description of *Evandromyia cristacapita* sp. nov., a new sand fly species of the Argentinian Chaco. *Medical And Veterinary*

- Entomology, v. 35, n. 4, p. 607-616, 2021. Doi: <http://dx.doi.org/10.1111/mve.12539>
240. TAVARES, Naiara et al. Parasitemia Evaluation in Mice Infected with *Schistosoma mansoni*. *Bio-Protocol*, v. 11, n. 10, p. 1-19, 2021. Doi: <http://dx.doi.org/10.21769/bioprotoc.4017>.
241. TAVARES, Thais S. et al. A *Trypanosoma cruzi* zinc finger protein that is implicated in the control of epimastigote-specific gene expression and metacyclogenesis. *Parasitology*, v. 148, n. 10, p. 1171-1185, 2021. Doi: <http://dx.doi.org/10.1017/s0031182020002176>
242. TEIXEIRA, Adriano Fernandes et al. Simultaneous circulation of Zika, Dengue, and Chikungunya viruses and their vertical co-transmission among *Aedes aegypti*. *Acta Tropica*, v. 215, p. 1-6, 2021. Doi: <http://dx.doi.org/10.1016/j.actatropica.2020.105819>
243. TENUTA, Natalia et al. Brazilian Food Banks: overview and perspectives. *International Journal Of Environmental Research And Public Health*, v. 18, n. 23, p. 1-17, 2021. Doi: <http://dx.doi.org/10.3390/ijerph182312598>.
244. TEODORO, Layane Meira et al. Phlebotomine sand flies (Diptera, Psychodidae) from iron ore caves in the State of Pará, Brazil. *Subterranean Biology*, v. 37, p. 27-42, 2021. <https://doi.org/10.3897/subtbiol.37.57534>
245. TIBÚRCIO, Rafael et al. Dynamics of T-Lymphocyte Activation Related to Paradoxical Tuberculosis-Associated Immune Reconstitution Inflammatory Syndrome in Persons With Advanced HIV. *Frontiers In Immunology*, v. 12, p. 1-11, 2021. Doi: <http://dx.doi.org/10.3389/fimmu.2021.757843>
246. TONELLI, Gabriel B. et al. Examination of the interior of sand fly (Diptera: psychodidae) abdomen reveals novel cuticular structures involved in pheromone release. *Plos Neglected Tropical Diseases*, v. 15, n. 12, p. 1-16, 2021. Doi: <http://dx.doi.org/10.1371/journal.pntd.0009733>.
247. TONELLI, Gabriel Barbosa et al. Sand fly behavior: much more than weak-flying. *Memórias do Instituto Oswaldo Cruz*, v. 116, p. 1-8, 2021. Doi: <http://dx.doi.org/10.1590/0074-02760210230>
248. TONELLI, Gabriel Barbosa et al. The sand fly (Diptera: psychodidae) fauna of the urban area of Lassance, northeast Minas Gerais, Brazil. *Plos One*,

- v. 16, n. 10, p. 1-12, 2021. Doi: <http://dx.doi.org/10.1371/journal.pone.0257043>
249. TORRES, Daniel Silva et al. Synthetic Aurones: new features for schistosoma mansoni therapy. *Chemistry & Biodiversity*, v. 18, n. 11, p. 1-14, 2021. Doi: <http://dx.doi.org/10.1002/cbdv.202100439>
250. TORRES, Juliana Lustosa et al. Loneliness and social disconnectedness in the time of pandemic period among Brazilians: evidence from the elsi covid-19 initiative. *Aging & Mental Health*, v. 26, n. 5, p. 898-904 2021. Doi: <http://dx.doi.org/10.1080/13607863.2021.1913479>.
251. TUNES, Luiza G. et al. The mutation G133D on *Leishmania guyanensis* AQP1 is highly destabilizing as revealed by molecular modeling and hypo-osmotic shock assay. *Biochimica Et Biophysica Acta (Bba) - Biomembranes*, v. 1863, n. 10, p. 1-6, 2021. Doi: <http://dx.doi.org/10.1016/j.bbamem.2021.183682>.
252. VALENTE, Polyana Aparecida et al. A participação da Fundação Rockefeller no processo de institucionalização da Escola de Enfermeiras Visitadoras na Colômbia. *Revista História: Debates e Tendências*, v. 21, n. 3, p. 153-169, 2021. Doi: <http://dx.doi.org/10.5335/hdtv.21n.3.12857>.
253. VALENTE, Polyana Aparecida et al. As portas abertas da história: a contribuição de rita de cássia para a história da saúde e das doenças no Brasil. *História Oral*, v. 24, n. 1, p. 299-318, 2021. Doi: <http://dx.doi.org/10.51880/ho.v24i1.1160>.
254. VARIZA, Paula Fassicolo et al. Notes on the sand fly fauna (Diptera: psychodidae) in a region of Brazil. *Research, Society And Development*, v. 10, n. 14, p. 1-11, 2021. Doi: <http://dx.doi.org/10.33448/rsd-v10i14.22480>.
255. VASCONCELOS, Camilla Ioshida et al. Stress induces release of extracellular vesicles by *Trypanosoma cruzi* trypomastigotes. *Journal Of Immunology Research*, v. 2021, p. 1-12, 2021. Doi: <http://dx.doi.org/10.1155/2021/2939693>.
256. VELIKKAKAM, Teresiama et al. Crude *Necator americanus* worm extract diminishes pancreatic islets destruction in diabetic non-obese mice (NOD). *Biorxiv*, p. 1-24, 2021. Doi: <http://dx.doi.org/10.1101/2020.03.03.975953>

257. VELLOSO, João Paulo L et al. PdCSM-GPCR: predicting potent gpcr ligands with graph-based signatures. *Bioinformatics Advances*, v. 1, n. 1, p. 1-7, 2021. Doi: <http://dx.doi.org/10.1093/bioadv/vbab031>
258. VICTRAL, Davi Madureira et al. The Human Rights to Water and Sanitation in Policy Responses to the COVID-19 Pandemic: an analysis of brazilian states. *Water*, v. 13, n. 2, p. 1-19, 2021. Doi: <http://dx.doi.org/10.3390/w13020228>.
259. WALKER, Martin et al. Individual responses to a single oral dose of albendazole indicate reduced efficacy against soil-transmitted helminths in an area with high drug pressure. *Plos Neglected Tropical Diseases*, v. 15, n. 10, p. 1-16, 2021. Doi: <http://dx.doi.org/10.1371/journal.pntd.0009888>.
260. XAVIER, Joicymara s et al. ThermoMutDB: a thermodynamic database for missense mutations. *Nucleic Acids Research*, v. 49, n. 1, p. 475-479, 2021. Doi: <http://dx.doi.org/10.1093/nar/gkaa925>.
261. YGNATIOS, Nair Tavares Milhem et al. Differences in disability and nutritional status among older Brazilian and English adults: the brazilian longitudinal study of aging (elsi-brazil) and english longitudinal study of aging (elsa) cohorts. *The American Journal Of Clinical Nutrition*, v. 114, n. 2, p. 422-428, 2021. Doi: <http://dx.doi.org/10.1093/ajcn/nqab060>.
262. YGNATIOS, Nair Tavares Milhem et al. Predisposição a formas graves de COVID-19 e adesão às medidas de prevenção: o papel do apoio social. *Ciência & Saúde Coletiva*, v. 26, n. 5, p. 1863-1872, 2021. Doi: <http://dx.doi.org/10.1590/1413-81232021265.00822021>.
263. ZHANG, Ying et al. Immunotherapy for breast cancer using EpCAM aptamer tumor-targeted gene knockdown. *Proceedings Of The National Academy Of Sciences*, v. 118, n. 9, p. 1-12, 2021. Doi: <http://dx.doi.org/10.1073/pnas.2022830118>
264. ZHOU, Bin et al. Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. *The Lancet*, v. 398, n. 10304, p. 957-980, 2021. Doi: [http://dx.doi.org/10.1016/s0140-6736\(21\)01330-1](http://dx.doi.org/10.1016/s0140-6736(21)01330-1)
265. ZUCCHERATO, Luciana W. et al. Cervical Cancer Stem-Like Cell Transcriptome Profiles Predict Response to Chemoradiotherapy. *Frontiers In*

Oncology, v. 11, p. 1-14, 2021. Doi:
<http://dx.doi.org/10.3389/fonc.2021.639339>.

CAPÍTULO DE LIVRO

1. PRITCHARD, David I. et al. Controlled Infection of Humans with the Hookworm Parasite *Necator americanus* to Accelerate Vaccine Development. *Current Topics In Microbiology And Immunology*, p. ??, 2021. Doi: http://dx.doi.org/10.1007/82_2021_237

CARTA

1. AUGUSTO, Danillo G. et al. Unsuspected Associations of Variants within the Genes NOTCH4 and STEAP2-AS1 Uncovered by a GWAS in Endemic *Pemphigus Foliaceus*. *Journal Of Investigative Dermatology*, v. 141, n. 11, p. 2741-2744, 2021. Doi: <http://dx.doi.org/10.1016/j.jid.2021.04.017>
2. LOTTA, Gabriela et al. Gender, race, and health workers in the COVID-19 pandemic. *The Lancet*, v. 397, n. 10281, p. 1264, 2021. Doi: [http://dx.doi.org/10.1016/s0140-6736\(21\)00530-4](http://dx.doi.org/10.1016/s0140-6736(21)00530-4)
3. SOUZA, Fernanda Sumika Hojo de et al. Second wave of COVID-19 in Brazil: younger at higher risk. *European Journal Of Epidemiology*, v. 36, n. 4, p. 441-443, 2021. Doi: <http://dx.doi.org/10.1007/s10654-021-00750-8>

CORREÇÕES

1. FARNESI, Luana Cristina et al. The influence of different sources of blood meals on the physiology of *Aedes aegypti* harboring *Wolbachia* wMel: mouse blood as an alternative for mosquito rearing. *Parasites & Vectors*, v. 14, n. 1, p. 1-8, 2021. Doi: <http://dx.doi.org/10.1186/s13071-020-04465-9>.

2. LANNA, Mariana Ferreira et al. Corrigendum: kinetics of phenotypic and functional changes in mouse models of sponge implants. *Frontiers In Bioengineering And Biotechnology*, v. 9, p. 1-15, 2021. Doi: <http://dx.doi.org/10.3389/fbioe.2021.660117>
3. VIANA, J. L. et al. Isolates of *Bacillus thuringiensis* from Maranhão biomes with potential insecticidal action against *Aedes aegypti* larvae (Diptera, Culicidae). *Brazilian Journal Of Biology*, v. 81, n. 1, p. 114-124, 2021. Doi: <http://dx.doi.org/10.1590/1519-6984.223389>

EDITORIAL

1. ANDRADE, Juliana Mara et al. Life expectancy with poor health-related quality of life among Brazilian older adults. *Archives Of Gerontology And Geriatrics*, v. 94, p. 1-5, 2021. Doi: <http://dx.doi.org/10.1016/j.archger.2021.104346>.
2. BATISTA, Ricardo dos Santos; SILVA, Paloma Porto. The Rockefeller Foundation and the development of Global Health: local contours and international circulations. *História, debates e tendências*, v 21, n 3, p. 5 - 15, 2021. doi 10.5335/hdtv.21n.3.12843
3. CASTRO-COSTA, Érico et al. Editorial: cognitive impairment and inflammation in old age and the role of modifiable risk factors of neurocognitive disorders. *Frontiers In Psychiatry*, v. 12, p. 1-2, 2021. Doi: <http://dx.doi.org/10.3389/fpsy.2021.784134>
4. FONSECA, Cristina Toscano et al. Editorial: Pre-Conference Research Topic: 16th International Symposium on Schistosomiasis. *Front. Immunol.*, v. 12, 7743110, 2021. doi: 10.3389/fimmu.2021.774311
5. GIACOMIN, Karla Cristina et al. Caring throughout life: peculiarities of long-term care for public policies without ageism. *Geriatrics, Gerontology And Aging*, v. 15, p. 1-3, 2021. Doi: <http://dx.doi.org/10.5327/z2447-21232021editesp>.
6. PORTO, Paloma et al. Fundação Rockefeller e Saúde Global. *Revista História: Debates e Tendências*, v. 21, n. 3, p. 210-226, 2021. Doi: <http://dx.doi.org/10.5335/hdtv.21n.3.12859>.

OUTROS

1. MIRANDA, Débora Elienai de Oliveira et al. Bilateral Anomaly in a Male of *Evandromyia lenti* (Diptera: psychodidae) in pernambuco, brazil. *Journal Of The American Mosquito Control Association*, v. 37, n. 2, p. 98-100, 2021. Doi: <http://dx.doi.org/10.2987/20-6938.1> [SCIENTIFIC NOTE]

REVISÃO

1. ASSIS, Tália Machado de et al. Economic evaluations addressing diagnosis and treatment strategies for neglected tropical diseases: an overview. *Revista do Instituto de Medicina Tropical de São Paulo*, v. 63, p. 1-14, 2021. Doi: <http://dx.doi.org/10.1590/s1678-9946202163041>
2. BARROS, Mateus de Souza et al. $\gamma\delta$ T Cells for Leukemia Immunotherapy: new and expanding trends. *Frontiers In Immunology*, v. 12, p. 1-24, 2021. Doi: <http://dx.doi.org/10.3389/fimmu.2021.729085>
3. CARAGATA, Eric P. et al. Wolbachia as translational science: controlling mosquito-borne pathogens. *Trends In Parasitology*, v. 37, n. 12, p. 1050-1067, 2021. Doi: <http://dx.doi.org/10.1016/j.pt.2021.06.007>.
4. CERAVOLO, Isabela P. et al. Studies on Activities and Chemical Characterization of Medicinal Plants in Search for New Antimalarials: a ten year review on ethnopharmacology. *Frontiers In Pharmacology*, v. 12, p. 1-24, 2021. Doi: <http://dx.doi.org/10.3389/fphar.2021.734263>.
5. CHAGAS, Úrsula Maira Russo et al. Correlations between tissue parasite load and common clinical signs in dogs naturally infected by *Leishmania infantum*. *Veterinary Parasitology*, v. 291, p. 1-8, 2021. Doi: <http://dx.doi.org/10.1016/j.vetpar.2021.109368>
6. FREIRE, Mariana Lourenço et al. Potential antigenic targets used in immunological tests for diagnosis of tegumentary leishmaniasis: a systematic review. *Plos One*, v. 16, n. 5, p. 1-19, 2021. Doi: <http://dx.doi.org/10.1371/journal.pone.0251956>

7. NASCIMENTO, Camila Sales et al. Immunotherapy for Cancer: effects of iron oxide nanoparticles on polarization of tumor-associated macrophages. *Nanomedicine*, v. 16, n. 29, p. 2633-2650, 2021. Doi: <http://dx.doi.org/10.2217/nnm-2021-0255>.
8. PAIM, Adriana Alves Oliveira et al. Will a little change do you good? A putative role of polymorphisms in COVID-19. *Immunology Letters*, v. 235, p. 9-14, 2021. Doi: <http://dx.doi.org/10.1016/j.imlet.2021.04.005>
9. PATROCINO, Laís Barbosa; BEVILACQUA, Paula Dias. A debate about risk, violence, and gender: a review of health production on sexting among young people. *Ciência & Saúde Coletiva*, v. 26, p. 2709-2718, 2021.
10. PÉREZ-MOLINA, Jose A. et al. Trypanocidal treatment of Chagas disease. *Enfermedades Infecciosas y Microbiología Clínica*, v. 39, n. 9, p. 458-470, 2021. Doi: <http://dx.doi.org/10.1016/j.eimc.2020.04.011>
11. SOUSA, Marcos R. de et al. Comparison of burst versus ramp antitachycardia pacing therapy for ventricular tachycardia: a meta :analysis. *Journal Of Cardiovascular Electrophysiology*, v. 32, n. 3, p. 842-850, 2021. Doi: <http://dx.doi.org/10.1111/jce.14908>
12. SOUZA, Anelise Andrade de et al. Programa Bolsa Família e saneamento: uma revisão sistemática dos efeitos na diarreia e na desnutrição. *Ciência & Saúde Coletiva*, v. 26, n. 8, p. 3087-3098, 2021. Doi: <http://dx.doi.org/10.1590/1413-81232021268.07362020>.
13. TAVARES, Flávia da Silva et al. Cochlear implant in patients with autistic spectrum disorder----a systematic review. *Brazilian Journal of Otorhinolaryngology*, v.87, n.5, p. 601-619, 2021. Doi: [10.1016/j.bjorl.2020.11.020](http://dx.doi.org/10.1016/j.bjorl.2020.11.020).