

BRUNO DE ARAÚJO PENNA (PERMANENTE)

PESSET, CAMILLA MALCHER ; FONSECA, CAROLINA O. DA ; ANTUNES, MILENA ; SANTOS, ANA LUIZA L. DOS ; TEIXEIRA, IZABEL MELO ; FERREIRA, ELIANE DE OLIVEIRA ; Penna, Bruno . Biofilm formation by on titanium implants. BIOFOULING, v. 40, p. 88-97, 2024.

SALVADO, MATHEUS GOMES ; ANDRÉ, LIALYZ SOARES PEREIRA ; PEREIRA, RENATA FREIRE ALVES ; PINHEIRO, FELIPE RAMOS ; DAS CHAGAS BARBOSA, BEATRIZ ; SCAFFO, JULIA CHAVES ; PEREIRA, ARAMIS JOSÉ ; ARAKAKI, DANIELA GRANJA ; XING, HUIHUA ; DE OLIVEIRA, KELLY MARI PIRES ; DE ANDRADE DOS SANTOS, JOÃO VÍCTOR ; SACHS, DANIELA ; AGUIAR-ALVES, FABIO ; CONDA-SHERIDAN, MARTIN ; DE ARAÚJO PENNA, BRUNO . Evaluating the antimicrobial and anti-biofilm activity of three synthetic antimicrobial Citropin analogs and their ability to fight against *Staphylococcus aureus* and *Staphylococcus pseudintermedius*. JOURNAL OF APPLIED MICROBIOLOGY, v. 135, p. 1xae127, 2024.

TEIXEIRA, IZABEL MELLO ; DE MORAES ASSUMPÇÃO, YASMIM ; PALETTA, ANA CLARA CABRAL ; ANTUNES, MILENA ; DA SILVA, ISABELLA THOMAZ ; JAEGER, LAUREN HUBERT ; FERREIRA, RENATA FERNANDES ; DE OLIVEIRA FERREIRA, ELIANE ; DE ARAÚJO PENNA, BRUNO . Investigation on biofilm composition and virulence traits of *S. pseudintermedius* isolated from infected and colonized dogs. BRAZILIAN JOURNAL OF MICROBIOLOGY, v. Xx, p. Xx, 2024.

LEITE, SUZANA ; COTIAS, CARLOS ; RAINHA, KELLY C. ; SANTOS, MAYARA GIL ; Penna, Bruno ; F.MORAES, RENATA F. ; HARMANUS, CÉLINE ; SMITS, WIEP KLAAS ; FERREIRA, ELIANE DE OLIVEIRA . Prevalence of *Clostridioides difficile* in dogs (*Canis familiaris*) with gastrointestinal disorders in Rio de Janeiro. ANAEROBE, v. 83, p. 102765, 2023.

GUIMARÃES, LUCIANA ; TEIXEIRA, IZABEL MELLO ; DA SILVA, ISABELLA THOMAZ ; ANTUNES, MILENA ; PESSET, CAMILLA ; FONSECA, CAROLINA ; SANTOS, ANA LUIZA ; CÔRTEZ, MARINA FARREL ; Penna, Bruno . Epidemiologic case investigation on the zoonotic transmission of Methicillin-resistant *Staphylococcus pseudintermedius* among dogs and their owners. Journal of Infection and Public Health, v. 16, p. 183-189, 2023.

REIS, NATHÁLIA FARIA ; DE JESUS, MYRELA CONCEIÇÃO SANTOS ; DE SOUZA, LAIS CAVALCANTI DOS SANTOS VELASCO ; ALCÂNTARA, LUCAS MARTINS ; RODRIGUES, JULIA ANDRADE DE CASTRO ; BRITO, SIMONE CRISTINA PEREIRA ; PENNA, PATRÍCIA DE AZAMBUJA ; VIEIRA, CECÍLIA STAHL ; SILVA, JOSÉ RODRIGO SANTOS ; PENNA, BRUNO DE ARAÚJO ; MACHADO, RICARDO LUIZ DANTAS ; MORA-MONTES, HECTOR M. ; BAPTISTA, ANDRÉA REGINA DE SOUZA . Sporothrix brasiliensis Infection Modulates Antimicrobial Peptides and Stress Management Gene Expression in the Invertebrate Biomodel *Galleria mellonella*. JOURNAL OF FUNGI, v. 9, p. 1053, 2023.

TEIXEIRA, IZABEL MELLO ; DE MORAES ASSUMPÇÃO, YASMIM ; PALETTA, ANA CLARA CABRAL ; AGUIAR, LOUISE ; GUIMARÃES, LUCIANA ; DA SILVA, ISABELLA THOMAZ ; CÔRTEZ, MARINA F. ; BOTELHO, ANA MARIA NUNES ; JAEGER, LAUREN HUBERT ; FERREIRA, RENATA FERNANDES ; DE OLIVEIRA FERREIRA, ELIANE ; Penna, Bruno . Investigation of antimicrobial susceptibility and genetic diversity among *Staphylococcus pseudintermedius* isolated from dogs in Rio de Janeiro. Scientific Reports, v. 13, p. 20219, 2023.

TEIXEIRA, IZABEL MELLO ; GUIMARÃES, LUCIANA ; DA SILVA, ISABELLA THOMAZ ; FONSECA, CAROLINA ; ASSUMPÇÃO, YASMIM ; LIMA DOS SANTOS, ANA LUIZA ; ANTUNES, MILENA ; PESSET, CAMILLA ; FERREIRA, ELIANE DE OLIVEIRA ; PENNA, BRUNO DE ARAÚJO . High prevalence of Pantone Valentine Leucocidin among *Staphylococcus coagulans* isolated from dogs in Rio de Janeiro. JOURNAL OF APPLIED MICROBIOLOGY, v. 134, p. 1xad256, 2023.

OLIVEIRA, NAIANE F ; FERREIRA, CAMILA S ; SILVA, LUIS F ; SANTOS, ISADORA P ; JACOB, JULIO C ; PENNA, BRUNO A ; PINNA, ALINE E . Use of ozonated sunflower oil in the treatment of infectious endometritis in mares. JOURNAL OF EQUINE VETERINARY SCIENCE, v. 125, p. 104735, 2023.

PINHEIRO, FELIPE RAMOS ; ROZZA-DE-MENEZES, RAFAELA ELVIRA ; BLUM, MARINA CAMILLE ; PEREIRA, RENATA FREIRE ALVES ; ROCHA, JAQUELINE ABEL ; GUEDES PINTO, MARIA CRISTINA F. ; PENNA, BRUNO A. ; RILEY, LEE W. ; AGUIAR-ALVES,

PRODUÇÃO - ARTIGOS - PROFESSORES QUADRÊNIO 2021 2024

FABIO . Evaluation of changes in antimicrobial susceptibility in bacteria infecting children and their mothers in pediatric, neonatal-intensive care unit, and gynecology/obstetrics wards of a quaternary referral hospital during the COVID-19 pandemic. *Frontiers in Microbiology*, v. 14, p. 01, 2023.

DE SOUZA, LAIS CAVALCANTI DOS SANTOS VELASCO ; REIS, NATHÁLIA FARIA ; ALCÂNTARA, LUCAS MARTINS ; DA SILVEIRA SOUTO, SIMONE ROCHA LEAL ; DE ARAÚJO PENNA, BRUNO ; SANTOS, RENAN CAETANO SOUZA ; ROBBS, BRUNO KAUFMANN ; MACHADO, FRANCISCO PAIVA ; CASTRO, HELENA CARLA ; MACHADO, RICARDO LUIZ DANTAS ; ROCHA, LEANDRO ; DE SOUZA BAPTISTA, ANDRÉA REGINA . Ethyl acetate fractions of *Myrciaria floribunda*, *Ocotea pulchella*, and *Ocotea notata* exhibit promising in vitro activity against *Sporothrix brasiliensis* isolates with low susceptibility to itraconazole. *BRAZILIAN JOURNAL OF MICROBIOLOGY*, v. xx, p. xx, 2023.

BARBOSA, E. V. ; ASSUMPÇÃO, Y. M. ; TEIXEIRA, I. M. ; PEREIRA, R. F. A. ; RIBEIRO, V. P. ; BASTOS, J. K. ; CARDOSO, C. V. ; LIBERAL, M. H. T. ; PENNA, B. ; ROCHA, L. M. . In vitro comparison between antimicrobial and antibiofilm effects of Green Propolis and *Baccharis dracunculifolia* against *Staphylococcus pseudintermedius* isolate. *ANAIS DA ACADEMIA BRASILEIRA DE CIÊNCIAS*, v. 94, p. e20211103, 2022.

ASSUMPÇÃO, Y. M. ; BARBOSA, E. V. ; PEREIRA, R. F. A. ; ROCHA, L. M. ; PENNA, B. . Comparative Analysis Between the in vitro Performances of the Hydroalcoholic Extracts of Green Propolis and *Baccharis dracunculifolia* against *Staphylococcus aureus*. *Journal of Advanced Veterinary Research*, v. 12, p. 68-72, 2022.

PESSET, C. M. ; FONSECA, C. O. ; ANTUNES, M. S. ; SANTOS, A. L. L. ; TEIXEIRA, I. M. ; RIBEIRO, TAINARA APARECIDA NUNES ; SACHS, DANIELA ; PENNA, B. . Characterizing biofilm formation of *Staphylococcus pseudintermedius* in different suture materials. *MICROBIAL PATHOGENESIS*, v. 172, p. 105796, 2022.

Penna, Bruno; SILVA, MARCELLA B. ; BOTELHO, ANA M. N. ; FERREIRA, FABIENNE A. ; RAMUNDO, MARIANA S. ; SILVA-CARVALHO, MARIA C. ; RABELLO, RENATA F. ; VIEIRA-DA-MOTTA, OLNEY ; FIGUEIREDO, AGNES M. S. . Detection of the international lineage ST71 of methicillin-resistant *Staphylococcus pseudintermedius* in two cities in Rio de Janeiro State. *BRAZILIAN JOURNAL OF MICROBIOLOGY*, v. 53, p. 2335-2341, 2022.

RAINHA, K. ; LINS, DÉBORA ; FERREIRA, R.F. ; COSTA, C.L. ; PENNA, B. ; ENDRES, B.T. ; GAREY, K.W. ; DOMINGUES, R.M.C.P. ; FERREIRA, E.O. . Colitis caused by *Clostridioides difficile* infection in a domestic dog: A case report. *ANAEROBE*, v. 73, p. 102511, 2022.

SOUZA-SILVA, THAYSA ; ROSSI, CIRO CÉSAR ; ANDRADE-OLIVEIRA, ANA LUISA ; VILAR, LUCAS CECÍLIO ; PEREIRA, MONALESSA FÁBIA ; PENNA, BRUNO DE ARAÚJO ; GIAMBIAGI-DEMARVAL, MARCIA . Interspecies transfer of plasmid-borne gentamicin resistance between *Staphylococcus* isolated from domestic dogs to *Staphylococcus aureus*. *INFECTION GENETICS AND EVOLUTION*, v. 98, p. 105230, 2022.

MACHADO, THAMIRIS SANTANA ; PINHEIRO, FELIPE RAMOS ; ANDRE, LIALYZ SOARES PEREIRA ; PEREIRA, RENATA FREIRE ALVES ; CORREA, REGINALDO FERNANDES ; DE MELLO, GABRIELA COUTINHO ; RIBEIRO, TAINARA APARECIDA NUNES ; Penna, Bruno ; SACHS, DANIELA ; AGUIAR-ALVES, FÁBIO . Virulence Factors Found in Nasal Colonization and Infection of Methicillin-Resistant *Staphylococcus aureus* (MRSA) Isolates and Their Ability to Form a Biofilm. *Toxins*, v. 13, p. 14, 2021.

SALVADO, M. G. ; PENNA, B. ; FERREIRA, E. O. ; ROIER, E. C. R. ; BAETA, B. A. ; FERREIRA, R. F. . Species distribution and resistance profile of medical importance bacteria isolated from lesions of cats with sporotrichosis. *RESEARCH, SOCIETY AND DEVELOPMENT*, v. 10, p. e15810615377, 2021.

SILVA, I. T. ; FERREIRA, E. O. ; PENNA, B. . Render Unto Pets the Things that are Pet's: More a COVID-19 Victim than a Zoonotic Villain. *Acta Scientific Veterinary Sciences*, v. 3, p. 80-81, 2021.

Penna, Bruno; SILVA, MARCELLA B. ; SOARES, ANDRÉ E. R. ; VASCONCELOS, ANA T. R. ; RAMUNDO, MARIANA S. ; FERREIRA, FABIENNE A. ; SILVA-CARVALHO, MARIA C. ; DE SOUSA, VIVIANE S. ; RABELLO, RENATA F. ; BANDEIRA, PAULA T. ; DE

Programa de Pós-Graduação *Stricto Sensu em*



UNIVERSIDADE FEDERAL FLUMINENSE
INSTITUTO BIOMÉDICO
PROGRAMA DE PÓS-GRADUAÇÃO *STRICTO SENSU*
EM MICROBIOLOGIA E PARASITOLOGIA APLICADAS

PRODUÇÃO - ARTIGOS - PROFESSORES QUADRIÊNIO 2021 2024

SOUZA, VIVIANE S. ; PLANET, PAUL J. ; VIEIRA-DA-MOTTA, OLNEY ; BOTELHO, ANA M. N. ; FIGUEIREDO, AGNES M. S. .
Comparative genomics of MRSA strains from human and canine origins reveals similar virulence gene repertoire. *Scientific Reports*, v. 11, p. 4724, 2021.