

BIOLOGIA CELULAR / CELL BIOLOGY

UNDERGRADUATE STUDENT

BC 018 - Effects of Farnesol, an intermediate of mevalonate pathway, on *Leishmania amazonensis* promastigotes.

LILIANE SENA PINHEIRO – LILIANE SENA PINHEIRO¹; ANDRADE-NETO, V.V.¹; CANTO-CAVALHEIRO, M.M.¹; TORRES-SANTOS, E.C.¹ - 1.IOC, RIO DE JANEIRO, RJ, BRASIL.

GRADUATE MASTER

BC 024 - The three-dimensional structure of the cytostome-cytopharynx complex of *Trypanosoma cruzi* epimastigotes

CAROLINA DE LIMA ALCANTARA - CAROLINA DE LIMA ALCANTARA; VIDAL, J.C.; DE SOUZA, W.; DA CUNHA E SILVA, N.L.

UFRJ, SAO GONCALO, RJ, BRASIL.

GRADUATE DOCTORATE

BC 023 - The role of SUMOylation of proteins in cell biology of *Giardia Lamblia*

BRUNO MARTORELLI DI GENOVA - BRUNO MARTORELLI DI GENOVA¹; GARGANTINI, P.R.²; LUJAN, H.²; MORTARA, R.A.¹; TONELLI, R.R.¹ - 1.UNIFESP, SÃO PAULO, SP, BRASIL; 2.UNIVERSIDAD CATÓLICA DE CÓRDOBA, CÓRDOBA, ARGENTINA.

BIOLOGIA MOLECULAR / MOLECULAR BIOLOGY

UNDERGRADUATE STUDENT

BM 044 - Conflict between replication and transcription: Analysis of the replication fork in *Trypanosoma brucei* cells that present the transcription machinery stagnant in the genome.

MARINA MONACO QUARESMA - MARINA MONACO QUARESMA¹; CALDERANO, S.G.¹; MACHADO, C.R.²; ELIAS, M.C.¹

GRADUATE MASTER

BM 043 - Characterization of Cysteine Biosynthetic Pathway in the Protozoan Hemoflagellate *Trypanosoma rangeli*

IBETH ROMERO - IBETH CRISTINA ROMERO CALDERON¹; TELLEZ, J.¹; YAMANAKA, L.E.¹; STEINDEL, M.¹; ROMANHA, A.J.¹; GRISARD, E.C.¹

1.UFSC, FLORIANOPOLIS, SC, BRASIL.

GRADUATE DOCTORATE

BM 034 - RNAi knock down of amastin genes in *Leishmania braziliensis* affects parasite virulence.

RITA MÁRCIA CARDOSO DE PAIVA – RITA MÁRCIA CARDOSO DE PAIVA¹; NAKAGAKI, B.N.L.¹; CANAVACI, A.M.C.¹; SANTANA, G.J.A.¹; FERNANDES, A.P.S.M.¹; MELO, M.N.¹; TEIXEIRA, S.M.R.¹

1.UFMG, BELO HORIZONTE, MG, BRASIL.

BIOQUÍMICA / BIOCHEMISTRY

UNDERGRADUATE STUDENT

BQ 018 - ACYL-COA: CHOLESTEROL ACYLTRANSFERASE IN LEISHMANIA AMAZONENSIS AND LEISHMANIA INFANTUM

NICHOLAS TIELLET LUCENA FERREIRA – NICHOLAS TIELLET LUCENA FERREIRA¹; DE CICCO, N.N.T.¹; PEREIRA, M.G.²; CHAGAS-LIMA, A.C.¹; DA CUNHA E SILVA, N.L.²; ATELLA, G.C.¹
1.IBQM/UFRJ, RJ, RJ, BRASIL; 2.IBCCF/UFRJ, RJ, RJ, BRASIL

GRADUATE MASTER

BQ 015 - METABOLIC RELEVANCE OF GLUTAMINE SYNTHETASE IN Trypanosoma cruzi: Biochemical and functional insights.

MARCELL CRISPIM - MARCELL CRISPIM¹; DAMASCENO, F.S.¹; BARISON, M.J.¹; SILBER, A.M.¹
1.USP, SÃO PAULO, SP, BRASIL.

GRADUATE DOCTORATE

BQ 010 - TcP5CDH as a key component in bioenergetic processes and parasite's infectivity of Trypanosoma cruzi

BRIAN ALEJANDRO SUAREZ MANTILLA - BRIAN ALEJANDRO SUAREZ MANTILLA¹; PAES, L.S.²; FURUSHO PRAL, E.M.¹; DAMASCENO, F.S.¹; CALDERANO, S.G.³; GOMES, D.C.²; MARTIL, D.E.⁴; BASTOS, E.L.⁵; FERNANDEZ-SILVA, P.⁶; ELIAS, M.C.³; MEYER-FERNANDES, J.R.²; THIEMANN, O.H.⁴; SILBER, A.M.¹

1.ICB-USP, SÃO PAULO, SP, BRASIL; 2.UFRJ, RIO DE JANEIRO, RJ, BRASIL; 3.I.BUTANTÃ, SÃO PAULO, SP, BRASIL; 4.IFSC-USP, SÃO CARLOS, SP, BRASIL; 5.IQ-USP, SÃO PAULO, SP, BRASIL; 6.U.ZAR, ZARAGOZA, ESPANHA

IMUNOLOGIA / IMMUNOLOGY

UNDERGRADUATE STUDENT

IM 048 - Determination of the immunoglobulin class in dogs naturally infected with Leishmania (Leishmania) infantum chagasi.

THAIS BRUNA FERREIRA SILVA - THAIS BRUNA FERREIRA SILVA¹; BATISTA, L.F.S.¹; TOMOKANE, T.Y.¹; DA MATTA, V.L.R.¹; CORBETT, C.E.P.¹; MARCONDES, M.¹; LAURENTI, M.D.¹
1.FMUSP, SÃO PAULO, SP, BRASIL.

GRADUATE MASTER

IM 029 - MULTIPLEX FLUORESCENCE-LINKED IMMUNOSORBENT ASSAY FOR IgG AND IgM DETECTION IN HUMAN TOXOPLASMOSIS

JAQUELINE POLIZELI RODRIGUES - JAQUELINE POLIZELI RODRIGUES¹; ANDRADE JUNIOR, H.F.¹
1.IMTSP, SÃO PAULO, SP, BRASIL.

GRADUATE DOCTORATE

IM 022 - ROLE OF CD39 AND CD73 SURFACE EXPRESSION IN RESIDENT MACROPHAGES INFECTED WITH LEISHMANIA AMAZONENSIS

BIJAY BAJRACHARYA - BIJAY BAJRACHARYA¹; VENTURA, R.V.¹; BAJRACHARYA, D.S.¹; TALVANI, A.¹; GONÇALVES, R.²; AFONSO, L.C.C.¹
1.UFOP, OURO PRETO, MG, BRASIL; 2.UFMG, BELO HORIZONTE, MG, BRASIL

QUIMIOTERAPIA / CHEMOTHERAPY

UNDERGRADUATE STUDENT

QT 051 - Evaluation of the therapeutical efficacy of a sesquiterpene lactone in a nanostructured formulation on experimental Chagas' disease

MATHEUS MARQUES MILAGRE - MATHEUS MARQUES MILAGRE¹; BRANQUINHO, R.T.¹; SILVA, M.R.S.¹; SAÚDE-GUIMARÃES, D.A.¹; MOSQUEIRA, V.C.F.¹; DE LANA, M.¹

1.UFOP, OURO PRETO, MG, BRASIL.

GRADUATE MASTER

QT 028 - Antileishmanial activities of flavone apigenin

FERNANDA FONSECA-SILVA - FERNANDA FONSECA-SILVA¹; INACIO, J.D.F.¹; CANTO-CAVALHEIRO, M.M.¹; ALMEIDA-AMARAL, E.E.¹

1.FIOCRUZ, RIO DE JANEIRO, RJ, BRASIL.

GRADUATE DOCTORATE

QT 009 - REVEALING THE CAMPTOTHECIN MECHANISM OF ACTION IN THE Trypanosoma cruzi EPIMASTIGOTE FORM

ALINE ARAUJO ZUMA - ALINE ARAUJO ZUMA¹; MENDES, I.C.²; DE SOUZA, L.C.R.¹; ELIAS, M.C.³; DE SOUZA, W.¹; MACHADO, C.R.²; MOTTA, M.C.M.¹

1.UFRJ, RIO DE JANEIRO, RJ, BRASIL; 2.UFMG, BELO HORIZONTE, MG, BRASIL; 3.INSTITUTO BUTANTAN, SÃO PAULO, SP, BRASIL.