
TRABALHOS GANHADORES DO PRÊMIO ZIGMAN BRENER 2021

ZIGMAN BRENER 2021 AWARD

UNDERGRADUATE STUDENT

HP-018 - Genetic edition and drug free selection in *Trypanosoma cruzi*: new methodology for modifications by CRISPR/Cas9

SANTAROSSA, B.A.¹; CALDERANO, S.G.². 1. UNIVERSIDADE DE SÃO PAULO, SÃO PAULO - SP - BRASIL; 2. INSTITUTO BUTANTAN, SÃO PAULO - SP - BRASIL.

HP-041 - HOST IMMUNE RESPONSE PARTICIPATES IN MALARIA ACUTE KIDNEY INJURY: ROLE OF CD8+ T CELLS

TEIXEIRA, D.E.¹; PINHEIRO, A.D.S.¹; SILVA, L.D.S.¹; DA SILVA-AGUIAR, R.P.¹; PERUCHETTI, D.¹; PÁDUA, T.A.²; DE SOUZA, M.C.²; CARUSO-NEVES, C.¹; NEVES, A.A.P.C.¹. 1. UFRJ, RIO DE JANEIRO - RJ - BRASIL; 2. FIOCRUZ, RIO DE JANEIRO - RJ - BRASIL.

GRADUATE MASTER

HP-002 - MACROPHAGE SURFACE PROTEIN DISULFIDE ISOMERASE (PDI) ENHANCES INFECTION BY *Leishmania (L.) amazonensis*

PAIVA, G.C.M.; STOLF, B.S. - USP, SÃO PAULO - SP – BRASIL

PV-023 - Identification of aneuploidy events in *Trypanosoma cruzi* by FISH assay

LUCAS, I.R.¹; ASANUMA, C.M.Y.¹; TEIXEIRA, T.L.¹; VIANA, N.A.A.¹; TOQUEIRO, C.M.O.¹; CALDERANO, S.G.²; SABBAGA, M.C.Q.B.E.²; MORTARA, R.¹; DA SILVEIRA FILHO, J.F.¹. 1. UNIFESP, SAO PAULO - SP - BRA; 2. INSTITUTO BUTANTAN, SAO PAULO - SP - BRASIL

GRADUATE DOCTORATE

HP-001 - MicroRNAs containing AAGUGCU seed sequence are important for *Leishmania amazonensis* infection in human THP-1 macrophages

FERNANDES, J.C.R.; MUXEL, S.M.; FLOETER-WINTER, L. UNIVERSIDADE DE SÃO PAULO, SÃO PAULO - SP - BRASIL

HP-029 - Treatment with Suboptimal dose of Benznidazole Mitigates Immune Response Molecular Pathways in Mice with Chronic Chagasic Cardiomyopathy

FARANI, P.S.G.¹; BEGUM, K.²; PEREIRA, G.V.¹; PEREIRA, I.R.¹; DE ALMEIDA, I.C.²; ROY, S.²; LANNES-VIEIRA, J.¹; MOREIRA, O.D.C.¹. 1. INSTITUTO OSWALDO CRUZ (FIOCRUZ) RJ - BRASIL; 2. UNIVERSITY OF TEXAS EL PASO, EL PASO-EUA

HP-036 - Leishmania-Induced Dendritic Cell Migration and its Potential Contribution to Parasite Dissemination

PAIXÃO, A.R.¹; SILVA, T.¹; MEDINA, L.S.M.L.S.¹; NERY, G.N.G.¹; SANTOS, F.H.D.J.¹; PAREDES, B.D.P.B.D.²; ARAGÃO, L.S.A.L.S.²; SOUZA, B.²; FARIAS, L.P.¹; BORGES, V.¹; SCHRIEFER, A.S.A.³;

VERAS, P.¹; BRODSKYN, C.¹; MENEZES, J.¹. 1. IGM, SALVADOR - BA - BRASIL; 2. CBTC, SALVADOR - BA - BRASIL; 3. UFBA, SALVADOR - BA - BRASIL

PV-033 - Standardization of cutting-edge techniques for the study of *T. cruzi* replication dynamics
VITARELLI, M.D.O.; PIRES, D.D.S.; DA CUNHA, J.P.C.; SABBAGA, M.C.Q.B.E. LABORATÓRIO DE CICLO CELULAR - INSTITUTO BUTANTAN, SÃO PAULO - SP – BRASIL

POST-DOC

PV-009 - How much does it cost to build a trypanosome? Estimating the amount of ATP necessary for maintaining and duplicating a bloodstream-form *Trypanosoma brucei* cell
NASCIMENTO, J.D.F.¹; SOUZA, R.O.O.¹; MARCHESE, L.¹; DAMASCENO, F.S.¹; CASTAÑEDA, S.D.C.M.¹; GIRALDO, A.M.M.¹; ALENCAR, M.B.¹; GIRARD, R.M.B.M.¹; ACHJIAN, R.W.¹; HAANSTRA, J.²; MICHELS, P.³; SILBER, A.M.¹. 1. UNIVERSIDADE DE SÃO PAULO, SÃO PAULO - SP - BRASIL; 2. VRIJE UNIVERSITEIT, AMSTERDÃ - NED; 3. UNIVERSITY OF EDINBURGH, EDIMBURGO - SCO.

PV-026 - Identification of a mitochondrion-cell membrane tethering complex in *Toxoplasma gondii*
SOUZA, R.O.O.; JACOBS, K.; ARRIZABALAGA, G.A. DEPARTMENT OF PHARMACOLOGY AND TOXICOLOGY - INDIANA UNIVERSITY SCHOOL OF MEDICINE, INDIANAPOLIS - USA.