

BIOLOGIA DE INTERAÇÃO PARASITO-HOSPEDEIRO / BIOLOGY HOST-PARASITE INTERACTION

UNDERGRADUATE STUDENT

HP100 - The characterization of sirtuin family in *Rhodnius prolixus*

Júlia Benjamin Do Val Amorim*; Stephanie Serafim De Carvalho; Willy Jablonka E Georgia Correa Atella
UFRJ, RIO DE JANEIRO, RJ, BRASIL

GRADUATE MASTER

HP099 - Dormancy and synchronicity of replication of two *Trypanosoma cruzi* strains

Anna Carolina Paganini Guanabens*; Bruno Carvalho Resende; Anny Carolline Silva Oliveira; Raí Leonardo De Jesus; Carlos Renato Machado E Luciana Oliveira Andrade
UFMG, BELO HORIZONTE, MG, BRASIL

GRADUATE DOCTORATE

HP106 - Playing with *Trypanosoma cruzi* flagellum

Jose Luis Saenz Garcia*; Natally Gusmão Freitas; Lisandro Pacheco-lugo; Juliana Severo Miranda; Stenio Perdigão Fragoso E Wanderson Duarte Darocha
UFPR, CURITIBA, PR, BRASIL; UNIVERSIDADE SIMON BOLIVAR, BARANQUILLA, COLÔMBIA;
INSTITUTO CARLOS CHAGAS, CURITIBA, PR, BRASIL

POST-DOC

HP051 - TGF- β inhibitor therapy decreases fibrosis and stimulates cardiac improvement in a pre-clinical study of chronic Chagas heart disease

Roberto Rodrigues Ferreira*; Rayane Da Silva Abreu; Glaucia Vilar Pereira; Wim Maurits Degrave; Marcelo Meuser Batista; Nilma Valéria Caldeira Ferreira; Otacilio Da Cruz Moreira; Elen Mello De Souza; Isalira Peroba Ramos; Sabine Bailly; Jean Jacques Feige
FIOCRUZ, RIO DE JANEIRO, RJ, BRASIL; FIOCRUZ, RIO DE JANEIRO, RJ, BRASIL; INSERM, GRENOBLE, FRANÇA

BIOLOGIA DE PROTOZOÁRIOS E SEUS VETORES / BIOLOGY OF PROTOZOAN AND THEIR VECTOR

UNDERGRADUATE STUDENT

PV036 - Origin of the *Leishmania* lineage: reconstructing ancestral areas

Ariane Jane Da Silva Gama*; Angela Hampshire De C. S. Lopes e Inês C. Gonçalves
UFRJ, RIO DE JANEIRO, RJ, BRASIL

GRADUATE MASTER

PV038 - Gene knockout of a RNA binding protein *Trypanosoma cruzi* that reprograms epimastigote gene expression and triggers metacyclogenesis

Thaís Silva Tavares*; Fernanda Lins Brandão Mügge; Viviane Grazielle Da Silva; Bruna Mattioly Valente; Wanessa Moreira Goes; Antonio Edson Rocha Oliveira; Aston Trey Belew; Fabiano Sviatopolk -Mirsky Pais; Julia Zanon Pereira; Alessandra Aparecida Guarner; Najib M El-Sayed and Santuza Maria Ribeiro Teixeira
UFMG, BELO HORIZONTE, MG, BRASIL; UNIVERSITY OF MARYLAND, COLLEGE PARK, ESTADOS UNIDOS; UFMG, CONTAGEM, MG, BRASIL; FIOCRUZ, BELO HORIZONTE, MG, BRASIL

GRADUATE DOCTORATE

PV044 - Characterization of DRBD2, an RNA binding protein with two RRM domains and partner of Poly (A) Binding Protein 2 (PABP2) from *Leishmania infantum*

Ludmila Arruda De Assis*; Tamara De Carli Da Costa Lima; Joao Ramos Da Cruz Silva; Maria Jose Ribeiro Bezerra; Moezio De Vasconcellos Costa Santos Filho; Kleison Da Costa Merlo; Antônio Mauro Rezende E Osvaldo Pompilio De Melo Neto
IAM-FIOCRUZ, RECIFE, PE, BRASIL

PV073 - BCY84_12113 gene as a new regulator of the metacyclogenesis process in *Trypanosoma cruzi*

Yirys Diaz-Olmos*; Lisandro Pacheco-Lugo; Priscila Mazzocchi Hiraiwa; Michel Batista E Fabricio Kleryton Marchini
INSTITUTO CARLOS CHAGAS and UNIVERSIDAD DEL NORTE, BARRANQUILLA-COLÔMBIA, CURITIBA, PR, BRASIL; UNIVERSIDAD SIMÓN BOLÍVAR, BARRANQUILLA, COLÔMBIA

POST-DOC

PV039 - A cytoplasmic protein complex is required for assembly of the extra-axonemal paraflagellar rod in trypanosomes

Aline Araujo Alves*; Sue Vaughan; Narcisa Leal Da Cunha E Silva E Jack Daniel Sunter
IBCCF, RIO DE JANEIRO, RJ, BRASIL; OXFORD BROOKES UNIVERSITY, OXFORD, INGLATERRA

BIOLOGIA TRANSLACIONAL / TRANSLATIONAL BIOLOGY

UNDERGRADUATE STUDENT

TB038 - Identification and characterization of hemocytes in *Rhodnius prolixus* upon infection with entomopathogenic fungus *Metarhizium anisopliae*

Ana Shaylla Silva Cunha*; Carina Azevedo Oliveira Silva; Jéssica Fernandes De Souza; Cintia Monteiro De Barros E Flávia Borges Mury

UFRJ- Campus Macaé, Macaé, RJ, BRASIL

GRADUATE MASTER

TB014 - *Trypanosoma cruzi* inositol phosphorylceramide synthase as a potential drug target for chagas disease

Estevez Castro, C.F.*¹; Ferreira Chame, D.¹; Greco, R.S.¹; Fernandes, H.B.¹; Cardoso, M.S.¹; Denny, P.W.²; Teixeira, S.M.R.¹

1.UFMG, BELO HORIZONTE, MG, BRASIL; 2.DURHAM UNIVERSITY, DURHAM, UK.

GRADUATE DOCTORATE

TB027 - Study of the effects of histone deacetylase inhibitors on *Toxoplasma gondii*

Carlla Assis Araujo-Silva*; Jennifer Mendonça Guimarães; Wanderley De Souza; Erica Santos Martins-Duarte E Rossiane Claudia Vommaro

UFRJ - IBCCF, RIO DE JANEIRO, RJ, BRASIL; UFF, RIO DE JANEIRO, RJ, BRASIL; UFMG, BELO HORIZONTE, MG, BRASIL

POST-DOC

TB007 - Detecting Compound Target Engagement In Living Leishmania Cells

CATTA-PRETA, C.M.C.*¹; Ramos, P.Z.¹; Vasconcelos, S.¹; Fanti, R.C.¹; Riboldi, G.P.¹; Moretti, N.S.²; Vaullaud, J.³; Robers, M.³; Couñago, R.M.¹

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