

## 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- $\beta$ 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  
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 Klerynton 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.\*<sup>1</sup>; Ferreira Chame, D.<sup>1</sup>; Greco, R.S.<sup>1</sup>; Fernandes, H.B.<sup>1</sup>; Cardoso, M.S.<sup>1</sup>; Denny, P.W.<sup>2</sup>; Teixeira, S.M.R.<sup>1</sup>

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.\*<sup>1</sup>; Ramos, P.Z.<sup>1</sup>; Vasconcelos, S.<sup>1</sup>; Fanti, R.C.<sup>1</sup>; Riboldi, G.P.<sup>1</sup>; Moretti, N.S.<sup>2</sup>; Vaullaud, J.<sup>3</sup>; Robers, M.<sup>3</sup>; Couñago, R.M.<sup>1</sup>

1.SGC-CQMED-UNICAMP, CAMPINAS, SP, BRASIL; 2.UNIFESP, SÃO PAULO, SP, BRASIL;  
3.PROMEGA, MADISON, USA.