

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

### UNDERGRADUATE STUDENT

**HP46** - MOLECULAR CHARACTERIZATION AND GENE EXPRESSION PROFILE OF NUCLEOSIDE TRIPHOSPHATE DIPHOSPHOHYDROLASE-1 (LANTPDASE-1) IN *LEISHMANIA AMAZONENSIS*

**Hanna Silva Condelo**; Natália Lins Da Silva Gomes; Franklin Souza Silva; Michelle Lopes Ribeiro Guimaraes; Léa Cysne-Finkelstein; Otacilio Da Cruz Moreira  
*FIOCRUZ, RIO DE JANEIRO, RJ, BRASIL*

### GRADUATE MASTER

**HP169** - THE RATES OF PREDATION ENDURED BY *RHODNIUS PROLIXUS* ARE AFFECTED BY INFECTION WITH *TRYPANOSOMA CRUZI* OR *TRYPANOSOMA RANGELI*

**Newmar Pinto Marliere**; Alessandra Aparecida Guarneri; Marcelo Gustavo Lorenzo  
*FIOCRUZ/MG, BELO HORIZONTE, MG, BRASIL*

### GRADUATE DOCTORATE

**HP53** - EVALUATION OF PROSTAGLANDIN F2-ALPHA SYNTHASE EXPRESSION IN *LEISHMANIA BRAZILIENSIS*

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**HP157** - DELTA-AMASTIN PROTEIN TARGETING AND PHENOTYPIC CHANGES ON *TRYPANOSOMA CRUZI* METACYCLOGENESIS

**Normanda Souza Melo**<sup>\*1</sup>; Monica Mendes Kangussu Marcolino<sup>1</sup>; Santuza Maria Ribeiro Teixeira<sup>2</sup>; Wanderson Duarte Darocha<sup>1</sup>  
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### POST-DOC

**HP109** - MITOCHONDRIAL PEROXIDOXIN IS AN IMPORTANT VIRULENCE FACTOR FOR *LEISHMANIA BRAZILIENSIS* PARASITE

**Daniel Menezes-Souza**<sup>1</sup>; Mariana Santos Cardoso<sup>1</sup>; Matheus De Souza Gomes<sup>2</sup>; Mariana Costa Duarte<sup>1</sup>; Francisco Pereira Lobo<sup>3</sup>; Rodrigo De Almeida Lourdes<sup>1</sup>; Eduardo Antonio Ferraz Coelho<sup>1</sup>; Daniella Castanheira Bartholomeu<sup>1</sup>; Ricardo Toshio Fujiwara<sup>1</sup>  
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## BIOLOGIA DE PROTOZOÁRIOS E SEUS VETORES / BIOLOGY OF PROTOZOAN AND THEIR VECTOR

### UNDERGRADUATE STUDENT

**PV89** - *LEISHMANIA AMAZONENSIS* PINX1 ORTHOLOG, A NATURAL INHIBITOR OF TELOMERASE ACTIVITY, PRESENTS CONSERVED G-PATCH AND TID DOMAINS AND NUCLEAR LOCALIZATION

**Camila Baldin Storti**<sup>\*</sup>; Maria Isabel Nogueira Cano  
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### GRADUATE MASTER

**PV43** - *TRYPANOSOMA CRUZI* EXPRESS AN UNUSUAL EIF2 PROTEIN KINASE TO REGULATE OXIDATIVE RESPONSES AND DIFFERENTIATION

**Leonardo Da Silva Augusto**; Nilmar Silvio Moretti; Beatriz Amaral De Castilho; Sergio Schenkman  
UNIFESP, SAO PAULO, SP, BRASIL.

### GRADUATE DOCTORATE

**PV61** - HISTONE H4 ACETYLATION IS REQUIRED FOR *TRYPANOSOMA CRUZI* DNA REPLICATION  
**VINÍCIUS SANTANA NUNES**<sup>\*1</sup>; THIAGO CESAR RAMOS<sup>1</sup>; SHEILA CRISTINA NARDELLI<sup>2</sup>; SERGIO SCHENKMAN<sup>1</sup>

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### POST-DOC

**PV128** - CRISPR/CAS9-INDUCED DISRUPTION OF PARAFLAGELLAR ROD PROTEINS 1 AND 2 GENES IN *TRYPANOSOMA CRUZI* REVEALS THEIR ROLE IN FLAGELLAR ADHESION

**Noelia Lander**<sup>1</sup>; Zhu-Hong Li<sup>2</sup>; Sayantane Niyogi<sup>2</sup>; Roberto Docampo<sup>1</sup>

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## BIOLOGIA TRANSLACIONAL / TRANSLATIONAL BIOLOGY

### UNDERGRADUATE STUDENT

**TB36** - *GUAREA GUIDONIA*: BIO-GUIDED SEARCH FOR LEISHMANICIDAL SUBSTANCES

**Carlos Luan Alves Passos\***; Cristiane Pereira; Deivid Costa Soares; Christian Ferreira; Ricardo M. Kuster; Elvira Maria Saraiva

UFRJ, RIO DE JANEIRO, RJ, BRASIL.

### GRADUATE MASTER

**TB27** - EVALUATION OF PARASITE BURDEN AND MOLECULAR TYPING OF *TRYPANOSOMA CRUZI* IN BLOOD SAMPLES FROM PATIENTS WITH CHRONIC CHAGAS DISEASE FROM BRAZIL

**Ícaro Rodrigues Rodrigues Dos Santos\***; Myllena Melo; Pedro Alvarenga Alvarenga Americano Do Brasil; Alejandro Marcel Hasslocher-Moreno; Constança Britto; Otacilio Da Cruz Moreira

FUNDAÇÃO OSWALDO CRUZ, RIO DE JANEIRO, RJ, BRASIL

### GRADUATE DOCTORATE

**TB39** - PROTECTIVE EFFICACY OF EPITOPES THAT MIMIC LEISHMANIA INFANTUM ANTIGENS SELECTED BY PHAGE DISPLAY AGAINST VISCERAL LEISHMANIASIS

**Lourena Emanuele Costa\*\*1**; Luiz Ricardo Goulart Filho; Nathália Cristina De Jesus<sup>1</sup>; Mayara Ingrid Souza<sup>2</sup>; Mariana Costa Duarte<sup>1</sup>; Vivian Tamietti Martins<sup>1</sup>; Paula Souza Lage<sup>1</sup>; Tatiana G Ribeiro<sup>1</sup>; Manoel Soto<sup>3</sup>; Carlos Pereira Tavares<sup>1</sup>; Miguel Chavez Fumagalli<sup>1</sup>; Eduardo Antonio Ferraz Coelho<sup>1</sup>

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### POST-DOC

**TB64** - PHASE I AND II CLINICAL TRIAL EMPLOYING COMMERCIAL AND NEW VACCINE CANDIDATE AGAINST CANINE VISCERAL LEISHMANIASIS

**Rodrigo Dian De Oliveira Aguiar-Soares\***<sup>1</sup>; Bruno Mendes Roatt<sup>1</sup>; Levi Eduardo Soares Reis<sup>1</sup>; Fernando Augusto Siqueira Mathias<sup>1</sup>; Jamille Mirelle De Oliveira Cardoso<sup>1</sup>; Rory Cristiane Fortes De Brito<sup>1</sup>; Gleisiane Gomes De Almeida Leal<sup>1</sup>; Diogo Albert De Paula Oliveira<sup>1</sup>; Marcelo De Castro Mucci Daniel<sup>1</sup>; Narjara Alcantara Sacramento<sup>1</sup>; Jéssica Lohane Dias Martins<sup>1</sup>; João Filipe Pereira Vieira<sup>1</sup>; Neyza Emilia De Oliveira Salomao<sup>1</sup>; Rodolfo Cordeiro Giunchetti<sup>2</sup>; Alexandre Barbosa Reis<sup>1</sup>

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## MENÇÃO HONROSA / HONORABLE MENTION

**HP63** - SEROPREVALENCE OF TOXOPLASMOSIS IN CAMELS IN LIBYA

**Mohamed Mohamed Anwar Elsaid**; Ahmed Alhadi Almabrouk; Abdaluhamed Mohamed Alkout  
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