

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

**HP.02-** Technological development of a new vaccine candidate against canine visceral leishmaniasis caused by *Leishmania infantum*.

**Otoni Alves De Oliveira Melo Junior** (*Universidade Federal Do Rio De Janeiro*)

**HP.17-** High-dimensional flow cytometry to evaluate CD4+ T cell heterogeneity during Chagas cardiomyopathy

**Gregório Guilherme Almeida** (*Instituto René Rachou*)

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

**PV.02-** Glucose Metabolism is Essential to Support Heme-Induced Epimastigotes Proliferation of *Trypanosoma cruzi*

**Carolina Silva Dias Vieira** (*Universidade Do Estado Do Rio De Janeiro*)

**PV.08-** The genetic knockout of pyrroline-5-carboxylate synthetase and pyrroline-5-carboxylate reductase reveals a shortcut in the glutamate-proline pathway in *Leishmania braziliensis*

**Gustavo Daniel Campagnaro** (*Faculdade De Medicina Ribeirão Preto, Universidade De São Paulo*)

**PV.10-** Does *Leishmania* ATM play a role in DNA repair and genome plasticity?

**Jennifer Ann Black** (*Universidade De São Paulo*)