

## **PROCEEDINGS**

XXXVII Meeting of the Brazilian Society of Protozoology  
XLVIII Annual Meeting on Basic Research in Chagas' Disease

*Hotel Glória, Caxambu, MG, BRASIL- Caxambu*

*ON LINE*

22<sup>nd</sup> – 24<sup>th</sup> August, 2022

### **Colegiado Diretor SBPz**

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#### **CONSELHO**

04/2020 - 03/2024 - Jeffrey Jon Shaw

04/2020 - 03/2024 - Ariel Mariano Siber

04/2020 - 03/2024 - Maria Cristina Machado Motta

04/2020 - 03/2024 - Walter Colli

04/2020 - 03/2026 - Carlos Renato Machado

04/2020 - 03/2026 - Luciana de Oliveira Andrade

04/2020 - 03/2026 - Wanderson Duarte da Rocha

04/2020 - 03/2026 - Yara Maria Traub Cseko

Dear Participants,

On behalf of the Brazilian Society of Protozoology (SBPz) and the Organizing Committee, it is a great pleasure to welcome you to the **XXXVII Meeting of the Brazilian Society of Protozoology** and the **XLVIII Annual Meeting of Basic Research in Chagas' Disease**.

After two years we are excited to be back to Caxambu with our meeting. This year the meeting will be held in a hybrid format where some participants will present their talks online.

We would like to acknowledge all the colleagues who submitted their suggestions to the program. Unfortunately, we were not able to include all the excellent suggestions due to space and time limitations. Speakers not included in the present meeting will, obviously be considered for the next years.

As usual we invited speakers from many countries and from different regions of Brazil in an attempt to bring to you the best science in the field of Protozoology. A total of ten conferences and four round tables with four speakers in each will discuss the advances in the area.

In keeping with the meeting tradition four sessions of oral presentations and two poster sessions will allow for students and post-docs to present their work. The Walter Coli and Zigman Brener Awards will be given to the best presentations and poster in each category.

This year's Samuel Pessoa Award will be granted to Professor Lucile Floeter Winter in recognition to her outstanding contribution to the field of protozoology.

This year we are inaugurating a new session in our meeting. One of the round tables was organized and will be presented by Early Career Researchers. Through this initiative we are encouraging these researchers to take an active role in our society and to showcase their work and career in an excellency driven environment. We encourage all of you to attend to the round table.

We would like to acknowledge the invited speakers, SBPz members, colleagues, and students for supporting and attending this meeting. We are particularly indebted to the SBPz Secretariat, Mrs Ana Paula Lopes Vidal and Mrs Vilma de Araújo Andrade, whose commitment and dedication over the years, along with the Board of Directors, have assured the persistence of the meeting, even in difficult times like the one Brazilian Science is going through recently, guaranteeing the quality and international recognition of the meeting. We would also like to acknowledge the financial support received from CAPES, CNPQ, FAPESP, FIOCRUZ and The Company of Biologists (UK).

We welcome you all to our meeting, hoping that the scientific program covers expectations and stimulates the high-level discussions that have always characterized our meetings

São Paulo, August 22<sup>nd</sup>, 2022

Luís Carlos Crocco Afonso

President of SBPz

# FOTO DA CAPA/COVER BOOK

Molecular Biology approaches to understand *Leishmania*.

A phylogenetic tree is a graph of relationships. Each entity is connected by branches to "common ancestors", which are hypothetical entities indicating the same origin. In this way, the root entity occupies a special place, from where the tree branches emerge. This graph represents the evolution of *Leishmania* (along to other Tryps) studies in our lab. **Gene characterization** is the root or the special entity in our graph, that is, the origin of everything of what the lab does. After gene characterization we have two big sides, one more related to pathogen **Identification** of species that lead to **Diagnosis** possibility and culminate with the establishment of **Phylogenetic** relationships; and another, more related to the physiology of these organisms, showing how **Gene expression** occurs, and then exploring the **Host-parasite interactions** in the infection processes.

*Dra. Lucile M. Floeter-Winter*

## FINANCIAL SUPPORT

