

# CURRICULUM VITAE

**NAME:** Tiago Belintani

**DATE:** 01/20/2025

**RANK OR TITLE:** Postdoctoral fellow

**DEPARTMENT:** Biodiversity

**OFFICE LOCATION AND CAMPUS ZIP:** Institute of Biosciences - Rio Claro Campus

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## FORMAL EDUCATION/DEGREE

Ph.D., Universidade Estadual de Campinas (UNICAMP), Brasil, 2017-2022, Animal Biology

Advisor: João Aristeu da Rosa

M.S., Universidade Estadual Paulista Júlio de Mesquita Filho (UNESP), Brasil, 2014-2016,

Biosciences and Biotechnology Applied to Pharmacy

Advisor: Prof. Dr. João Aristeu Rosa

B.Sc., Universidade de Araraquara (UNIARA), Brasil, 2009-2012, Biological Sciences,

Bachelor's Degree in Biological Sciences with Teacher Training, Universidade de Araraquara (UNIARA), Brazil, 2009–2012.

Advisor: Alfredo Di Vito Neto

## EXPERIENCE

### Professional Experience

Postdoctoral Fellow, Department of Biodiversity, Institute of Biological Sciences, Universidade Estadual Paulista Júlio de Mesquita Filho (UNESP), Brazil (2023 – present); Research Projects: Evolution of Tarantulas from the Hapalopini and Grammostolini Tribes (Mygalomorphae; Theraphosinae) and Their Biogeographical Diversification Processes in the Neotropical Region.

Postdoctoral Fellow, Department of Biosciences and Biotechnology Applied to Pharmacy, Universidade Estadual Paulista Júlio de Mesquita Filho (UNESP), Brazil (2022 – 2023); Research Projects: Phylogenomics of Triatominae (Hemiptera, Reduviidae, Triatominae) Using Supermatrix and Coalescent Approaches.

Doctoral Fellow, Department of Parasitology, Institute of Biology, Universidade Estadual de Campinas (UNICAMP), Brazil (2017 – 2022). Research Projects: Transcriptome Study by RNA-Seq in Head and Salivary Gland Tissues of Three *Mepraia* Species (Hemiptera, Reduviidae, Triatominae).

Master's Fellow, Universidade Estadual Paulista Júlio de Mesquita Filho (UNESP), Brazil (2014 – 2016); Research Projects: Phylogeny of *Triatoma garciabesi*, *Triatoma guasayana*, and *Triatoma sordida* (Hemiptera, Reduviidae, Triatominae) Through Morphological, Morphometric, and Molecular Studies.

High School Teacher, Cooperativa Educacional de Matão (CEM), Brazil (2014); Teaching, Degree: Secondary Education. Disciplines Taught: Sciences, Biology.

High School Teacher, Secretaria Estadual da Educação (SEE), Brazil (2013 – 2014); Teaching, Degree: Secondary Education. Disciplines Taught: Sciences, Biology.

## **AREAS OF EXPERTISE**

**Areas of Specialization:** Evolution of Recent Groups, Phylogenomics, Phylogenetics, Molecular Systematics, Bioinformatics, RNA-Seq, NGS, Geometric Morphometrics, and Morphology, Biology Education, Secondary Education, STEM Education, Educational Outreach.

## **COURSES AND DISCIPLINES TAUGHT**

**Institute of Biosciences – São Paulo State University (UNESP Rio Claro Campus)**

**Molecular Phylogeny: Tools and Applications**

• 2024 (30 hours) | Credits: 02

- Module 1: Fundamentals of Molecular Phylogeny
- Module 2: Phylogenetic Reconstruction Methods
- Module 3: Phylogenetic Data Analysis
- Module 4: Advanced Topics in Molecular Phylogeny

**Postgraduate Program in Biosciences and Biotechnology Applied to Pharmacy, Faculty of Pharmaceutical Sciences – São Paulo State University (UNESP)**

**Class: Exploring Evolution Through Phylogenomics**

• 2023 (8 hours)

Lecture Delivered in the Course: Trypanosomatidae/Chagas Disease/Triatominae

- Instructor: Prof. Dr. João Aristeu da Rosa, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

**Class: Internal Morphology of Triatominae**

- 2023 (4 hours)

Lecture Delivered in the Course: Trypanosomatidae/Chagas Disease/Triatominae

- Instructor: Prof. Dr. João Aristeu da Rosa, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

**Class: *Trypanosoma cruzi* and Chagas Disease**

- 2019 (4 hours)

Lecture Delivered in the Course: Parasitology, Pharmacy-Biochemistry Course, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

- Instructor: Prof. Dr. João Aristeu da Rosa, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

**Class: Helminth Prevention Week – Extension Project**

- 2019 (4 hours)

Lecture Delivered in the Course: Parasitology, Pharmacy-Biochemistry Course, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

- Instructor: Prof. Dr. João Aristeu da Rosa, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

**Faculty of Pharmaceutical Sciences, UNESP/Araraquara**

**Class: Amebiasis: An Overview**

- 2023 (4 hours)

- Lectures for the organizers of the Student Pharmaceutical Assistance Week (SAFE)

**Class: Hookworm Disease: An Overview**

- 2023 (4 hours)

Lectures for the organizers of the Student Pharmaceutical Assistance Week (SAFE)

- Instructor: Prof. Dr. João Aristeu da Rosa, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

**Class: *Schistosoma mansoni*, Schistosomiasis, and *Fasciola hepatica***

- 2019 (4 hours)

Lecture Delivered in the Course: Parasitology, Pharmacy-Biochemistry Course, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

- Instructor: Prof. Dr. João Aristeu da Rosa, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

### **School of Public Health, University of São Paulo**

#### **Class: Molecular Biology of Triatominae**

- 2021 (4 hours)

Lecture Delivered in the Course: Identification and Bioecology of Hemiptera of Public Health Importance and Epidemiology of Chagas Disease

- Instructor: Prof. Dr. João Aristeu da Rosa, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

#### **Class: Morphometric Analysis of Triatominae**

- 2021 (4 hours)

Lecture Delivered in the Course: Instructor: Prof. Dr. João Aristeu da Rosa, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

#### **Class: Internal Morphology of Triatominae**

- 2021; 2022–2023 (4 hours)

Lecture Delivered in the Course: Identification and Bioecology of Hemiptera of Public Health Importance and Epidemiology of Chagas Disease

Instructor: Prof. Dr. João Aristeu da Rosa, Faculty of Pharmaceutical Sciences, UNESP/Araraquara

- Collaborator: Dr. Walter Ceretti, School of Public Health, USP

### **Short-term Courses Taught**

BELINTANI, T. Molecular Taxonomy of Triatominae. 2023. (Short-term Course/Other).

ARISTEU DA ROSA, JOÃO; BELINTANI, T. Identification of Triatominae. 2023. (Short-term Course/Other).

OLIVEIRA, J.; GONCALVEZ, T.; BELINTANI, T. 1 Biology in Focus. 2011. (Short-term Course/Other).

BELINTANI, T. II Summer Course of Graduate Studies in Biosciences and Biotechnology Applied to Pharmacy. 2015. (Short-term Course/Other).

BELINTANI, TIAGO; ROSA, J. A. Identification and Bioecology of Hemiptera of Public Health Importance and Epidemiology of Chagas Disease. 2019. (Short-term Course/Other).

Tiago Belintani. Geometric Morphometry - Concepts and Applications. 2021. (Short-term Course/Other).

## STUDENTS ADVISED

### *Scientific Initiation*

1. Gabriela Ramos Degaki Lima. **Characterization of Endogenous Viruses and Evolutionary Analysis in the Bombardier Clade Subfamilies (Mygalomorphae: Theraphosidae).** Start: 2024. Scientific Initiation (Undergraduate in Abi - Biological Sciences) - São Paulo State University (UNESP). (Supervisor).
2. Eduardo Pádua Barbosa. **Comparative Analysis of Transcriptomes and Functional Genomic Diversification in the 'Bombardier' Clade of the Theraphosidae Family.** Start: 2024. Scientific Initiation (Undergraduate in Abi - Biological Sciences) - São Paulo State University (UNESP). (Supervisor).
3. Matheus Cardoso de Siqueira e Silva. **Morphometric Analysis of Female External Genitalia of the *Triatoma infestans* Complex: Exploring Geometric Variation and Its Implications in Taxonomy and Systematics.** Start: 2023. Scientific Initiation (Undergraduate in Biological Sciences) - University of Araraquara. (Supervisor).

## Completed Supervision and Guidance

### *Final Undergraduate Thesis/Specialization*

1. Camila de Araujo Martins. **Hybrid Specificity in Insects: Processes, Mechanisms, and Challenges in Its Detection.** 2023. Thesis. (Specialization in Biological Sciences) - University of Araraquara. Supervisor: Tiago Belintani.
2. Jonatha França Nereu. **Bibliographic Review: *Ascaris Lumbricoides* and Ascariasis.** 2022. Thesis. (Specialization in Pharmacy) - São Paulo State University (UNESP). Supervisor: Tiago Belintani.

## RESEARCH PROJECTS

2023 - Present

Evolution of Tarantulas from the Tribes Hapalopini and Grammostolini (Mygalomorphae; Theraphosinae) and their Biogeographic Diversification Processes in the Neotropical Region

Status: Ongoing; Type: Research.

Students involved: Undergraduate: (5) / Master's: (10) / Doctorate: (5).

Team: Tiago Belintani - Coordinator / José Paulo Leite Guadanucci - Member.

Funding: São Paulo Research Foundation (FAPESP) - Scholarship.

2022 - 2023

Phylogenomics of Triatominae (Hemiptera, Reduviidae, Triatominae) Using Supermatrix and Coalescent Approaches

Description: This project aimed to access genomic and transcriptomic data from public and novel databases to explore the phylogenetic relationships of Triatominae through phylogenomic studies. It combined genome and transcriptome datasets to infer relationships within and beyond Triatominae. Orthologs were identified in genomes and transcriptomes using tree-based approaches, and bi-allelic markers were used to estimate genetic diversity and infer phylogenies through supermatrix and coalescent methods. The results provided insights into unresolved questions, such as the monophyly of the subfamily, genus relationships, and tribal/species connections, while proposing new methodological frameworks for vector studies of Chagas disease.

Status: Completed; Type: Research.

Team: Tiago Belintani - Coordinator / Aristeu da Rosa, João - Member.

Funding: São Paulo State University (UNESP) - Scholarship.

2018 - 2022

Phenotypic Identification and Transcriptome Study of Triatominae (Hemiptera, Reduviidae)

Description: Chagas disease is primarily vector-transmitted by Triatominae. This project aimed to compile, digitize, and make images of 55 Triatominae species accessible to support species identification. Additionally, RNA-seq was employed to study genetic differences among species of *Mepraia*. Field collections were carried out in Chile in collaboration with local institutions. The generated transcriptomic data provided insights into evolutionary relationships, species divergence, and gene expression patterns.

Status: Completed; Type: Research.

Students involved: Doctorate: (3).

Team: Tiago Belintani - Member / João Aristeu da Rosa - Coordinator / Reinaldo Alves de Brito - Member / Daniel Frías Lasserre - Member.

Funding: São Paulo Research Foundation (FAPESP) - Grant.

2017 - 2022

RNA-Seq Transcriptome Analysis in Head and Salivary Gland Tissues of Three

*Mepraia* Species (Hemiptera, Reduviidae, Triatominae)

Description: Investigating three endemic Chilean species of *Mepraia* (*M. spinolai*, *M. gajardoi*, *M. parapatrica*), this project explored genetic data using RNA-seq.

Phylogenomic approaches, including multi-species coalescent processes and supermatrices, revealed evolutionary insights and genetic introgression among the species. These findings highlighted reticulate phylogenies, rapid diversification, and the impact of incomplete lineage sorting and hybridization.

Status: Completed; Type: Research.

Students involved: Undergraduate: (1) / Professional Master's: (1) / Doctorate: (4).

Team: Tiago Belintani - Member / João Aristeu da Rosa - Coordinator / Reinaldo Alves de Brito - Member.

Funding: CAPES - Grant.

2017 - 2018

Genetic Variability of *Triatoma sordida* (Hemiptera, Reduviidae, Triatominae) Using Molecular Markers and Next-Generation Sequencing

Status: Completed; Type: Research.

Students involved: Doctorate: (2).

Team: Tiago Belintani - Member / João Aristeu da Rosa - Coordinator.

2014 - 2016

Phylogeny of *Triatoma garciabesi*, *Triatoma guasayana*, and *Triatoma sordida* (Hemiptera, Reduviidae, Triatominae) Using Morphological, Morphometric, and Molecular Studies

Description: Chagas disease, caused by *Trypanosoma cruzi*, is endemic to the Neotropics and primarily transmitted by Triatominae insects. This project examined phylogenetic relationships among closely related species within the *Triatoma sordida* subcomplex using morphological, morphometric, and molecular methods.

Status: Completed; Type: Research.

Students involved: Master's: (2).

Team: Tiago Belintani - Member / João Aristeu da Rosa - Coordinator.

## FULL ARTICLES PUBLISHED IN PEER-REVIEWED JOURNALS

1. SANTOS SANTANA, JOCIEL KLEYTON ; **BELINTANI, TIAGO** ; ARISTEU DA ROSA, JOÃO ; DE OLIVEIRA, JADER . Presence of *Rhodnius neglectus* Lent, 1954 (Hemiptera: Reduviidae: Triatominae) in Araraquara, São Paulo, Brazil: signals the

- importance of surveillance for the municipality. *Revista Chilena de Entomologia*, v. 50, p. 375-381, 2024.
2. **BELINTANI, TIAGO** ; OLIVEIRA, JADER DE ; PAIVA, VINÍCIUS FERNANDES DE ; SANTANA, JOCIEL KLEYTON SANTOS ; FERNANDES, ISABELLA MAXWELL PAULINO ; GOMES, JONATHAN SILVESTRE ; HOPPE, ESTEVAM GUILHERME LUX ; ROSA, JOÃO ARISTEU DA . Triatomines in the city: A study of *Rhodnius neglectus* in Jaboticabal, São Paulo, Brazil, and its epidemiological implications. *Revista da Sociedade Brasileira de Medicina Tropical*, v. 57, p. e00422-2024-11, 2024.
  3. PEIXOTO, S. ; **BELINTANI, T.** ; ROCHA, D. ; FONTES, F. ; GALVÃO, CLEBER . Characterization of *Triatoma infestans* (Klug, 1834) (Hemiptera: Heteroptera, Reduviidae) from Residual Foci in the States of Bahia and Rio Grande do Sul, Brazil, Using Geometric Morphology. *INSECTS*, v. 14, p. 325, 2023.
  4. **BELINTANI, T.** ; CONGRAINS, C. ; PINOTTI, HELOISA ; CHAHAD-EHLERS, S. ; BRITO, R. A. ; OLIVEIRA, J. ; FRIAS-LASSERRE, D. ; FONTES, F. M. ; ROSA, J. A. . Transcriptome-based phylogenomic analysis reveals evidence of ancient hybridization events in the *Mepraia* genus (Hemiptera: Reduviidae: Triatominae). *FRONTIERS IN ECOLOGY AND EVOLUTION*, v. 11, p. 1-1, 2023.
  5. KUNII, G. K. W ; FALCONE, R. ; GRAMINHA, M. A. S. ; NASCIMENTO, J. D. ; **BELINTANI, T.** ; OLIVEIRA, J. ; CLEMENTINO, L. C. ; ROSA, J. A. . Growth Curve, Morphological and Molecular Characterization of Two Strains of *Trypanosoma cruzi* (Kinetoplastida, Trypanosomatidae) isolated from *Triatoma sherlocki* (Hemiptera, Reduviidae, Triatominae). *SOCIEDADE BRASILEIRA DE MEDICINA TROPICAL. REVISTA*, v. 55, p. 55:e05212021, 2022.
  6. CACINI, G. L. ; OLIVEIRA, J. ; **BELINTANI, T.** ; SOUZA, E. ; OLAIA, N. ; PINTO, M. C. ; ROSA, J. A. . Immature instars of three species of *Rhodnius* Stål, 1859 (Hemiptera, Reduviidae, Triatominae): morphology, morphometry and taxonomic implications. *Parasites & Vectors*, v. 1, p. 1-16, 2022.
  7. BELINTANI, T. ; PAIVA, V. F. ; OLIVEIRA, J. ; ROSA, J. A. . New in morphometry: geometric morphometry of the external female genitalia of Triatominae (Hemiptera: Reduviidae). *ACTA TROPICA*, v. 1, p. 106383, 2022.
  8. SILVA, L. A. ; **BELINTANI, T.** ; PAIVA, V. F. ; NASCIMENTO, JULIANA DAMIELI ; Rimoldi, A ; GARDIM, S. ; MELLO, F. ; OBARA, M. ; OLIVEIRA, J. ; ROSA, J. A.



- . Integrative taxonomy and phylogenetic systematics of the *Triatoma rubrovaria* subcomplex (Hemiptera, Triatominae). *ACTA TROPICA*, v. -, p. 106699, 2022.
9. KAWASIMA, E. S. ; PAIVA, V. F. ; **BELINTANI, T.** ; H.H.G, J. ; PINOTTI, HELOISA ; OLIVEIRA, J. ; ROSA, J. A. . Morphological studies of *Cimex lectularius* Linnaeus, 1758 (Hemiptera: Cimicidae). *Revista Chilena de Entomologia*, v. 48, p. 695-705, 2022.
  10. PAIVA, V. F. ; **BELINTANI, T.** ; OLIVEIRA, JADER ; GALVÃO, CLÉBER ; ROSA, J. A. . A review of the taxonomy and biology of Triatominae subspecies (Hemiptera: Reduviidae). *PARASITOLOGY RESEARCH*, v. 1, p. 1, 2022.
  11. **BELINTANI, TIAGO** ; OLIVEIRA, JADER ; PINOTTI, HELOISA ; ALEVI, KAIO CESAR CHABOLI ; NASCIMENTO, JULIANA DAMIELI ; SASSO-CERRI, ESTELA ; GALVÃO, CLEBER ; ARISTEU DA ROSA, JOÃO . Characterization of Female External Genitalia and Eggs of Four South American Species of the *Triatoma* Laporte, 1832 Genus (Hemiptera: Reduviidae: Triatominae). *INSECTS*, v. 12, p. 537, 2021.
  12. **BELINTANI, T.** ; PAIVA, V. F. ; OLIVEIRA, J. ; GIL-SANTANA, H. ; ARISTEU DA ROSA, JOÃO . Wings or hemelytra? brief considerations on terminology in studies with Triatominae (Hemiptera: Heteroptera: Reduviidae).. *Revista Chilena de Entomologia*, v. 4, p. 669-672, 2021.
  13. ROSSETO, L. ; PAIVA, V. F. ; **BELINTANI, T.** ; OLIVEIRA, J. ; MENDONCA, V. J. ; ROSA, JOÃO ARISTEU DA . Checklist and phenetics studies of nymphs of two species of triatomines: *Triatoma lenti* Sherlock & Serafim, 1967 and *Triatoma sherlocki* Papa, Jurberg, Carcavallo, Cerqueira, Barata, 2002 (Hemiptera: Reduviidae: Triatominae). *SOCIEDADE BRASILEIRA DE MEDICINA TROPICAL. REVISTA*, v. 54, p. ---, 2021.
  14. **BELINTANI, TIAGO** ; OLIVEIRA, JADER ; PINOTTI, HELOISA ; SILVA, LUCAS ABRANTES ; ALEVI, KAIO CESAR CHABOLI ; GALVÃO, CLÉBER ; ROSA, JOÃO ARISTEU DA . Phylogenetic and phenotypic relationships of the *Triatoma sordida* subcomplex (Hemiptera: Reduviidae: Triatominae). *ACTA TROPICA*, v. 212, p. 105679, 2020.
  15. BILHEIRO, ADRIANA BENATTI ; DA ROSA, JOÃO ARISTEU ; DE OLIVEIRA, JADER ; **BELINTANI, TIAGO** ; FONTES, GILBERTO ; MEDEIROS, JANSEN FERNANDES ; JÚNIOR, ANTÔNIO MARQUES PEREIRA ; MENEGUETTI, DIONATAS ULISES DE OLIVEIRA ; CAMARGO, LUÍS MARCELO ARANHA . Biological Aspects of (Hemiptera, Reduviidae, Triatominae) Under Laboratory

- Conditions. VECTOR-BORNE AND ZOONOTIC DISEASES, v. 1, p. vbz.2019.2449, 2019.
16. ALEVI, KAIO CESAR CHABOLI ; AUGUSTO, YURI ; DE OLIVEIRA, JADER ; **BELINTANI, TIAGO** ; DA SILVA, LUCAS ABRANTES ; DA ROSA, JOÃO ARISTEU ; DE AZEREDO OLIVEIRA, MARIA TERCÍLIA VILELA . Reproductive aspects of Chagas disease vectors (Hemiptera, Triatominae) with anatomical teratologies. ACTA TROPICA, v. 185, p. 251-254, 2018.
  17. BILHEIRO, ADRIANA BENATTI ; DA ROSA, JOÃO ARISTEU ; DE OLIVEIRA, JADER ; **BELINTANI, TIAGO** ; FONTES, GILBERTO ; MEDEIROS, JANSEN FERNANDES ; MENEGUETTI, DIONATAS ULISES DE OLIVEIRA ; CAMARGO, LUÍS MARCELO ARANHA . First Report of Natural Infection with *Trypanosoma cruzi* in *Rhodnius montenegrensis* (Hemiptera, Reduviidae, Triatominae) in Western Amazon, Brazil. VECTOR BORNE AND ZOONOTIC DISEASES (ONLINE), v. 20, p. 1, 2018.
  18. OLIVEIRA, JADER ; MARCET, PAULA L. ; TAKIYA, DANIELA M. ; MENDONÇA, VAGNER J. ; **BELINTANI, TIAGO** ; BARGUES, MARIA D. ; MATEO, LUCIA ; CHAGAS, VIVIAN ; FOLLY-RAMOS, ELAINE ; CORDEIRO-ESTRELA, PEDRO ; GURGEL-GONÇALVES, RODRIGO ; COSTA, JANE ; DA ROSA, JOÃO A. ; ALMEIDA, CARLOS E. . Combined phylogenetic and morphometric information to delimit and unify the *Triatoma brasiliensis* species complex and the *Brasiliensis* subcomplex. ACTA TROPICA, v. 170, p. 140-148, 2017.
  19. DA ROSA, JOÃO ARISTEU ; SOUZA, EDER SANTOS ; DA COSTA TEIXEIRA, ADELSON ; BARBOSA, ROSENILDO RIBEIRO ; DE SOUZA, AECILDO JOSÉ ; **BELINTANI, TIAGO** ; NASCIMENTO, JULIANA DAMIELI ; GIL-SANTANA, HÉLCIO REINALDO ; DE OLIVEIRA, JADER . Third record of *Rhodnius amazonicus* and comparative study with *R. pictipes* (Hemiptera, Reduviidae, Triatominae). ACTA TROPICA, v. 176, p. 364-372, 2017.

#### Published book chapters

- VIGANO, L. ; **BELINTANI, TIAGO** ; ROSA, J. A. . ESTRATÉGIAS LABORATORIAIS PARA O DIAGNÓSTICO DA DOENÇA DE CHAGAS. In: Dionatas Ulises de Oliveira Meneguetti., Jader de Oliveira., Kaio Cesar Chaboli Alevi., Luís Marcelo Aranha Camargo. (Org.). Atualidades em Medicina Tropical no Brasil: Interdisciplinaridade. 1ed.Rio Branco: Stricto Sensu, 2023, v. , p. 1-323.

PAIVA, V. F. ; **BELINTANI, TIAGO** ; OLIVEIRA, J. ; SILVA, L. A. ; ARISTEU DA ROSA, JOÃO . ENTOMOEPIDEMIOLOGIA DA DOENÇA DE CHAGAS NA REGIÃO SUL DO BRASIL: COLETAS DE TRIATOMINAE EM SETE MUNICÍPIOS DO RIO GRANDE DO SUL. In: Jader de Oliveira., Kaio Cesar Chaboli Alevi., Luís Marcelo Aranha Camargo., Dionatas Ulises de Oliveira Meneguetti. (Org.). Atualidades em Medicina Tropical na América do Sul: Vetores. 1ed.Rio Branco: Stricto Sensu, 2021, v. , p. 1-345.

**BELINTANI, T.;** PAIVA, V. F. ; ROSA, JOÃO ARISTEU DA . FILOGENIA, EVOLUÇÃO E DINÂMICA DAS DOENÇAS PARASITÁRIAS E SEUS VETORES. In: Jader de Oliveira Kaio Cesar Chaboli Alevi Luís Marcelo Aranha Camargo Dionatas Ulises de Oliveira Meneguetti. (Org.). Atualidades em Medicina Tropical no Brasil: Vetores. 1ed.Rio Branco: Stricto Senso Editora, 2020, v. , p. 0-262.

#### **COMPLETE WORKS PUBLISHED IN PROCEEDINGS OF CONFERENCES**

SILVA FERRAZ, GIOVANA ; GEANFRANCESCO, CAIO ; KLEYTON SANTOS SANTANA, JOCIEL ; VISINHO DOS REIS, YAGO ; BELINTANI, TIAGO ; LUIZ RODRIGUES MENEZES, ANDRÉ ; MARIA GERALDES TEIXEIRA, MARTA ; ARISTEU DA ROSA, JOÃO . Estudo biológico, molecular e morfométrico das cepas Tsh 8 e Tv de Trypanosoma cruzi (Chagas, 1909) (Kinetoplastida, Trypanosomatidae)., 2023, Rod. Cmte. Joao Ribeiro de Bar. XI Congresso Farmacêutico e VII Jornada de Engenharia de Bioprocessos e Biotecnologia, 2023.

GEANFRANCESCO, CAIO ; SILVA FERRAZ, GIOVANA ; KLEYTON SANTOS SANTANA, JOCIEL ; ARISTEU DA ROSA, JOÃO ; LUIZ RODRIGUES MENEZES, ANDRÉ ; VISINHO DOS REIS, YAGO ; BELINTANI, TIAGO . Infecção por Trypanosomatidae em uma população de Triatoma brasiliensis brasiliensis Neiva, 1911 (Hemiptera, Reduviidae), 2023, Rod. Cmte. Joao Ribeiro de Bar. XI Congresso Farmacêutico e VII Jornada de Engenharia de Bioprocessos e Biotecnologia, 2023.

BELINTANI, T. ; OLIVEIRA, JADER ; PINOTTI, HELOISA ; SILVA, L. A. ; Nascimento, J.D ; ALEVI, KAIO CESAR CHABOLI ; ROSA, J. A. . Phylogenetic and phenotypic relationships of the Triatoma sordida subcomplex (Hemiptera: Reduviidae: Triatominae), 2020. Phylogeny and Evolution of the X-meeting eXperience 2020., 2020.

BELINTANI, T. . Caracterização Funcional de Hemoglobina de Caprinos da Raça Sannen, 2012, Araraquara. Anais do VII Congresso de Iniciação Científica 2012. Araraquara : publicação do Centro Universitário de Araraquara ? UNIARA, 2012. v. 7. p. 1-256.

***Summary published in proceedings of conferences***

GROPP, B. ; BELINTANI, T. ; GUADANUCCI, J. P. L. . INVESTIGANDO A VARIAÇÃO MORFOLÓGICA E MOLECULAR DE *Sickius longibulbi* SOARES & CAMARGO, 1948 (MYGALOMORPHAE, THERAPHOSIDAE), 2024, Bogotá. LIBRO DE RESÚMENES VII Congreso Latinoamericano de Aracnología. Bogotá.

BELINTANI, T. ; HAMILTON, C. ; GALLETI-LIMA, A. ; CANDIA-RAMIREZ, D. ; GUADANUCCI, J. P. L. . NOVAS PERSPECTIVAS FILOGENÔMICAS DA TRIBO GRAMMOSTOLINI (MYGALOMORPHAE: THERAPHOSIDAE) POR MEIO DE ELEMENTOS ULTRACONSERVADOS 17 junio 11:30 AM, 2024, Bogotá. LIBRO DE RESÚMENES VII Congreso Latinoamericano de Aracnología. Bogotá, 2024.

GONZALEZ-FILHO, H. ; HAMILTON, C. ; BELINTANI, T. ; GUADANUCCI, J. P. L. . PHYLOGENETIC PUZZLES: DECRYPTING THE INTRICACIES OF BARYCHELIDAE AND THERAPHOSIDAE RELATIONS, 2024, BOGOTÁ. LIBRO DE RESÚMENES VII Congreso Latinoamericano de Aracnología, 2024.

FONSECA-FERREIRA, R. ; DERKARABETIAN, S. ; OPATOVA, V. ; BELINTANI, T. ; MORALES, M. J. A. ; GUADANUCCI, J. P. L. . LIBRO DE RESÚMENES VII Congreso Latinoamericano de Aracnología, 2024, Bogotá. LIBRO DE RESÚMENES VII Congreso Latinoamericano de Aracnología, 2024.

GALLETI-LIMA, A. ; HAMILTON, C. ; FERRETI, N. ; CANDIA-RAMIREZ, D. ; BELINTANI, T. ; GUADANUCCI, J. P. L. . FILOGENÔMICA DE *Plesiopelma* E GÊNEROS RELACIONADOS, COM NOTAS SOBRE MORFOLOGIA E BIOGEOGRAFIA, 2024, Bogotá. LIBRO DE RESÚMENES VII Congreso Latinoamericano de Aracnología, 2024.

BELINTANI, T. ; ROSA, JOÃO ARISTEU DA . Improving Phylogenetic Signal with UCE Allele Sequences: A Comparative Analysis of Triatominae, 2023, Ferrara. Abstract Books, 2023.

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- Tiago Belintani ; ROSA, J. A. . Gene expression patterns in brain tissues and antennae of starving *Rhodnius prolixus* Stal, 1859 (Hemiptera: Reduviidae) fifth instar nymphs..
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- BELINTANI, T. ; ROSA, J. A. . Improving Phylogenetic Signal with UCE Allele Sequences: A Comparative Analysis of Triatominae. 2023. (Presentation/Congress).
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- GROPPO, B. ; BELINTANI, T. ; GADANUCCI, J. P. . ?INVESTIGANDO A VARIAÇÃO MORFOLÓGICA E MOLECULAR DE *Sickius longibulbi* SOARES & CAMARGO, 1948 (MYGALOMORPHAE, THERAPHOSIDAE)?,. 2024. (Presentation/Congress).
- GALLETI-LIMA, A. ; HAMILTON, C. ; FERRETI, N. ; CANDIA-RAMIREZ, D. ; BELINTANI, TIAGO ; GUADANUCCI, J. P. L. . FILOGENÔMICA DE *Plesiopelma* E GÊNEROS RELACIONADOS, COM NOTAS SOBRE MORFOLOGIA E BIOGEOGRAFIA?. 2024. (Presentation/Conference or Colloquium).
- 1GONZALEZ-FILHO, H. ; HAMILTON, C. ; BELINTANI, TIAGO ; GUADANUCCI, J. P. L. . Phylogenetic puzzles: decyting the intricacies of Barychelidae and Theraphosinae relations. 2024. (Presentation/Congress).
- GUADANUCCI, J. P. L. ; GALLETI-LIMA, A. ; BELINTANI, TIAGO . Origem e diversificação de tarântulas neotropicais: filogenômica e biogeografia de Theraphosinae (Araneae). 2024. (Presentation/Symposium).
- BELINTANI, T. ; HAMILTON, C. ; GALLETI-LIMA, A. ; CANDIA-RAMIREZ, D. ; GADANUCCI, J. P. . New phylogenomic perspectives of the Tribe Grammostolini through ultraconserved elements. 2024. (Presentation/Congress).

### ***Other Kinds of Bibliographical Production a***

- BELINTANI, T. . The SBE meeting 2021's Book of Abstracts 2021 (Book of Abstracts).

### ***Technical Production***

#### ***Technical Works***

- BELINTANI, T. ; PAIVA, V. F. ; NASCIMENTO, JULIANA DAMIELI ; FALCONE, R. ; PINOTTI, H. ; AMBROZINI, L. M. . Banco de imagens da Coleção de Triatominae da Faculdade de Ciências Farmacêuticas - Câmpus de Araraquara. 2021.
- BELINTANI, T. ; OLIVEIRA, J. . Expedição de coleta de triatomíneos em Santo Inácio-BA-Brasil, para desenvolvimento de projetos no Laboratório de. 2014.

## **JOURNAL REVIEWER**

### **2021 - Present**

- Stricto Sensu Editora
- VECTOR-BORNE AND ZOONOTIC DISEASES
- Frontiers in Ecology and Evolution (Section: Phylogenetics, Phylogenomics, and Systematics)

- SOCIEDADE BRASILEIRA DE MEDICINA TROPICAL. REVISTA
- Journal of Medical Entomology

#### **2023 - Present**

- Letters in Drug Design & Discovery
- ZOOKEYS (ONLINE)
- African Invertebrates
- Current Genomics
- Mitochondrial DNA Part B-Resources
- Arthropod Systematics & Phylogeny
- Parasites & Vectors (ISSN: 1756-330)
- NEOTROPICAL BIOLOGY AND CONSERVATION
- FOSSIL RECORD

#### **2024 - Present**

- Metabarcoding and Metagenomics
- Frontiers in Insect Science (Section: Invasive Insect Species)

#### **Grant Proposal Reviewer**

##### **2023 - Present**

- Agencia Nacional de Investigación e Innovación
- Fundação Amazônia Paraense de Amparo à Pesquisa

##### **2023**

- Agencia Nacional de Investigación e Innovación

#### **Languages**

- **English:** Good reading comprehension, intermediate writing and speaking skills.

#### **Awards and Honors**

##### **2023**

- **Second Prize for Dissertations and Theses (II PRÊMIO DE DISSERTAÇÃO E TESE)**, Brazilian Society of Parasitology

#### **Event Organization, Congresses, Exhibitions, and Fairs**

BELINTANI, T. I Course in Biosciences and Biotechnology. 2023. (Other).

BELINTANI, T. SBE Meeting 2021. 2021. (Congress).



BELINTANI, T. III Summer Course of Graduate Studies in Biosciences and Biotechnology at the Faculty of Pharmaceutical Sciences, UNESP, Araraquara. 2016. (Other).

BELINTANI, T. II Summer Course of the Graduate Program in Pharmaceutical Sciences Applied to Pharmacy. 2014. (Other).

BELINTANI, T. National Conference for Children and Adolescents for the Environment at the José Carlos Pinotti State School. 2013. (Other).