



ANIMAL PHYSIOLOGY 2026

Insights from the South

6 to 9 December 2026
Jaboticabal, state of São Paulo, Brazil

Join us for the first of a **new international conference series**, to be held every four years, aimed at exploring **animal physiology** and supporting early-career researchers in the Global South and southern hemisphere

Follow us: <https://www.instagram.com/apcis2026/>
STAY TUNED FOR REGISTRATION



CONTEXT

Animal ecophysiology is a field that benefits from functional diversity between species to elucidate physiological mechanisms and adaptations to diverse environments and climatic conditions. Such knowledge, enhanced by integration with Zoology and Ecology, is essential when we think about animal tolerance and vulnerability to rapid climate changes occurring in the current scenario.

Despite all the animal diversity from the South, especially from the tropics, the Comparative Animal Physiology field and the understanding of the organism-environment interaction in these regions are still underrepresented in the global scientific scenario.

AIM

The aim of this meeting in Brazil is to bring together research groups in animal physiology and ecophysiology, to establish an environment that favors integration, collaborations and serves as a catalyst for the development of the science produced in the Austral/global south.

It is also intended to discuss proposals for the future of the area and to reduce inequalities in conditions between global north and south.

The programmatic structure of the event is being designed to encourage discussions and interactions between participants, also bringing seniors and young researchers closer together.

Local organizers:



Kênia Bícego



Luciane Gargaglioni

Venue:

School of Agricultural and Veterinary Sciences of the São Paulo State University (FCAV-UNESP), in Jaboticabal, São Paulo



Convention centre with capacity for 260 people as well as classrooms for parallel activities

REGISTRATION FEE:

- **US\$ 100 researcher**
- **US\$ 75 Student**

INVITED SPEAKERS:

Denis O.V. Andrade - Brazil
Naresh C Bal - India
Carolina A. Freire - Brazil
Anand Krishnan - India
Maria Eugenia Lattuca - Argentina
Andrew McKechnie - South Africa
Gisele Oda – Brazil-Argentina
Nicholas Wu - Australia
Adalberto Val - Brazil
Tiana Kohlsdorf - Brazil



International scientific committee:

Christine Cooper, Australia
Andrea Fuller, South Africa
Anusha Shankar, India



OPTIONAL ACTIVITIES

Within conference:

- Guided birdwatching on campus
- Visit to the Deer Research and Conservation Center

Pre- or post-conference suggestions:

- Visit Bonito and Pantanal*.
- Visit PETAR Cave reserve*.

*upon request

SPONSORS *(in progress)*:

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Journal of
Experimental Biology

S E B

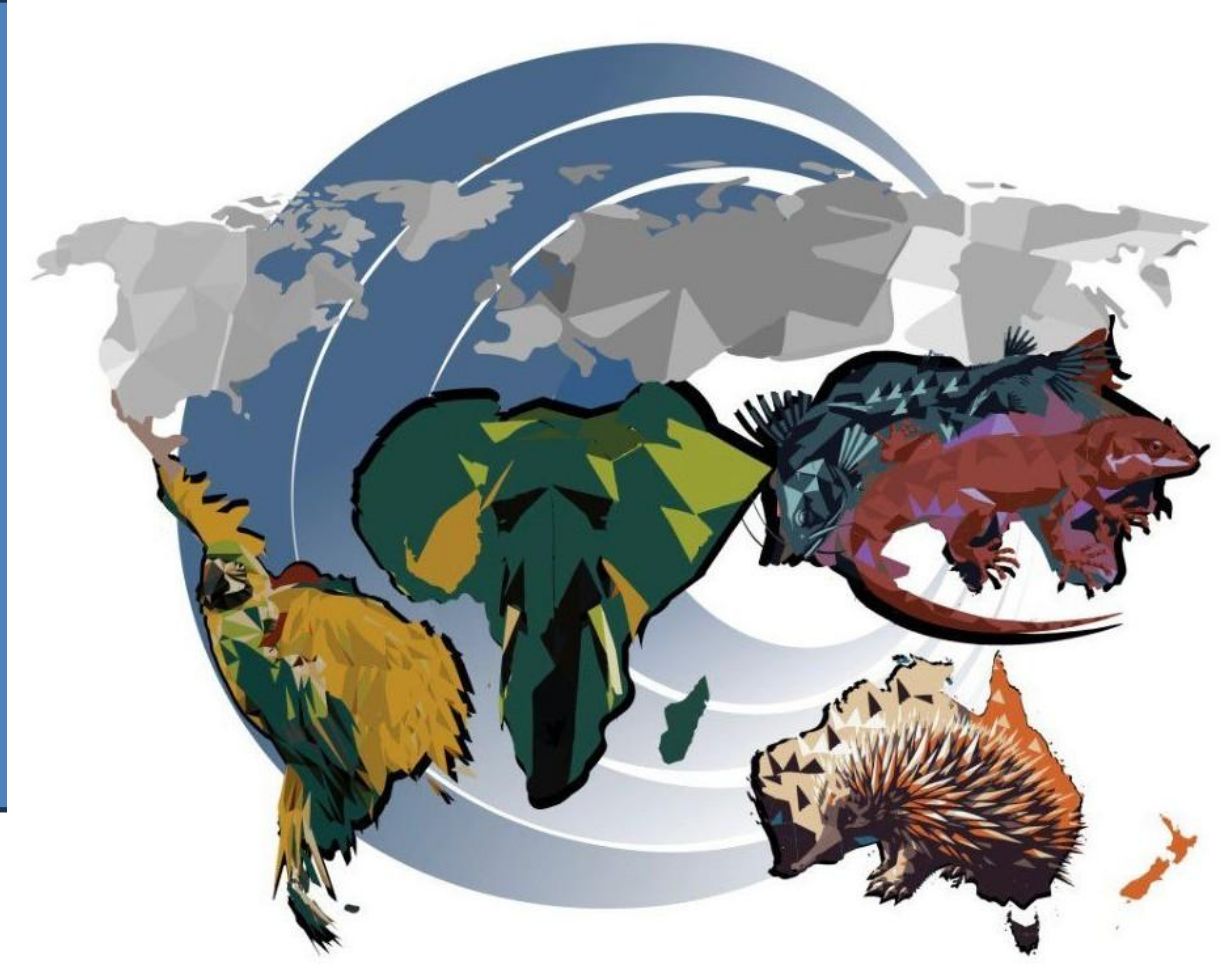
More information:

austral.physiology@gmail.com



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PROGRAM



1ST Animal Physiology Conference
Insights from the South

6-9 December 2026, Jaboticabal, Brazil

Day 1

14:00-19:00 – Registration

17:30-19:00 - Reception and welcome by the organizers (Kênia Bícego and Luciane Gargaglioni, UNESP-Jaboticabal)

19:00 – Dinner – Global South-Southern hemisphere in world scientific scenario

Day 2

8:30-10:00 *Symposium 1: **Conservation Physiology**

10:00-10:30 Coffee Break and interaction

10:30-12:00 *Symposium 2: **Comparative Physiology on Time (Chronobiology)**

12:00-12:30 5-min presentation by students

12:30- 14:00 Lunch

14:00-15:30 *Symposium 3: **Thermal Physiology**

15:30-15:50 Ultra-short presentations by selected students (1 min to advertise their poster)

15:50-17:30 posters 1

18:00 – 19:00 Guided birdwatching around campus (optional)

Day 3

6:00-7:00 – Guided birdwatching around campus (optional)

8:30-10:00 - *Symposium 4: **Experimental biology and biomechanics**

10:00-11:30 **Talk to the Established Researcher** (4 discussion sessions between young students/researchers and seniors, previously selected), about:

10:00-10:45

1) **Research funding in the Global South**

2) **Preparing a manuscript that makes a journal editor happy**

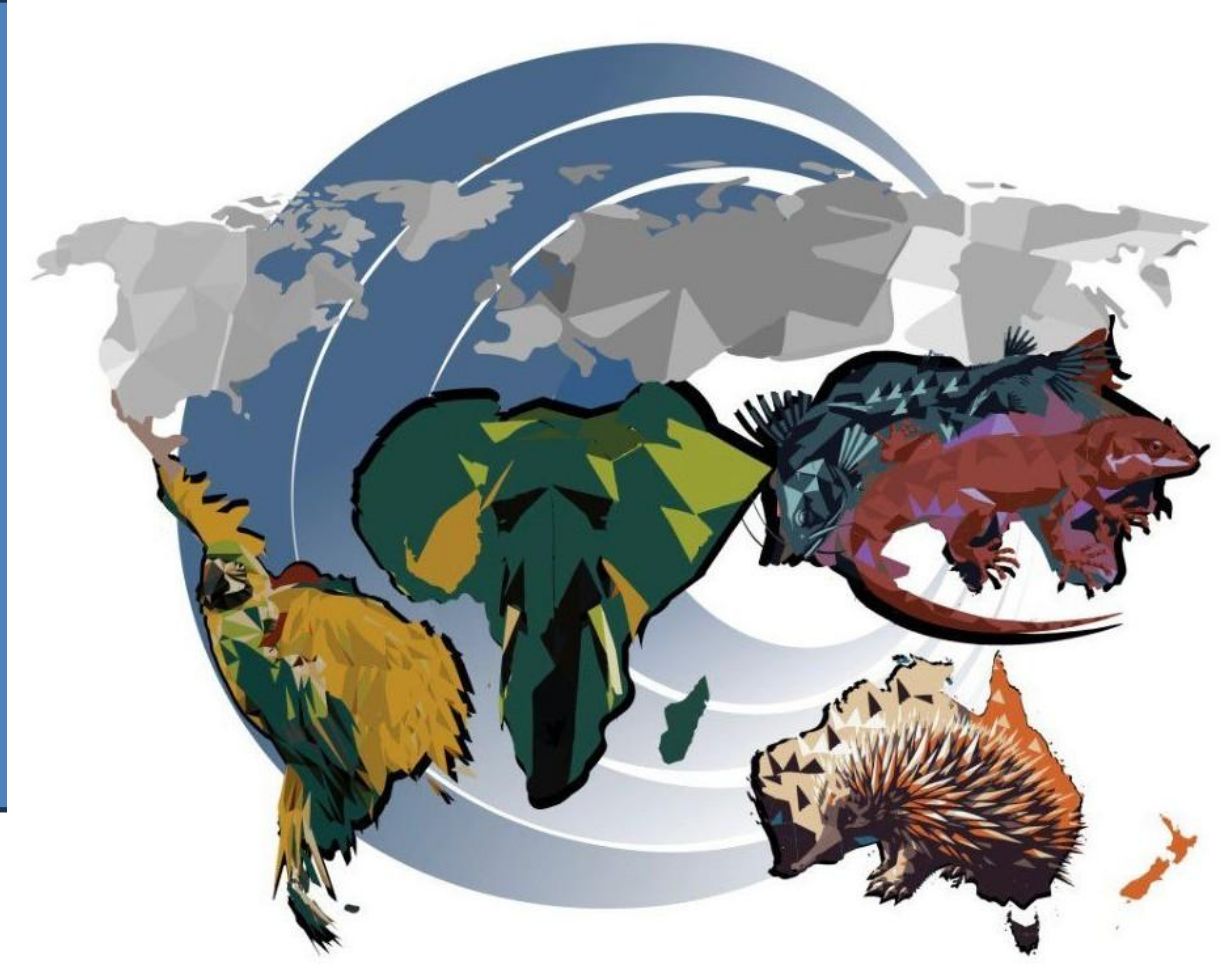
10:45-11:30

3) **Female scientists as leaders**

4) **Dealing with manuscript or grant rejection**

11:30-12:00 5-min presentation by students

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Day 3 (continue)

12:10-14:00 - Lunch

14:00-15:30 *Symposium 5: **Cell and molecular physiology**

15:30-15:50 Ultra-short presentations by selected students (1 min to advertise their poster)

15:50-17:30 posters 2

17:30-19:00 Visiting the Deer Research and Conservation Center (optional)

Day 4

7:30-9:00 Visiting the Deer Research and Conservation Center (optional)

9:00-10:30 *Symposium 6: **Ecological Physiology**

10:30-12:00 *Symposium 7: **Animal Invasion Physiology**

12:00-12:30 5-min presentation by students

12:30-14:00 Lunch

14:00-15:30 *Symposium 8: **Evolutionary Physiology**

15:30-16:00 Coffee break

16:00-18:00. The scientific committee (**Kênia Bícago, Luciane**

Gargaglioni, Andrea Fuller, Anusha Shankar, Christine Cooper)

presents an overview of the meeting, future perspectives, and awards for best oral presentations and posters

18:00- Closing section

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(Scientific committee)



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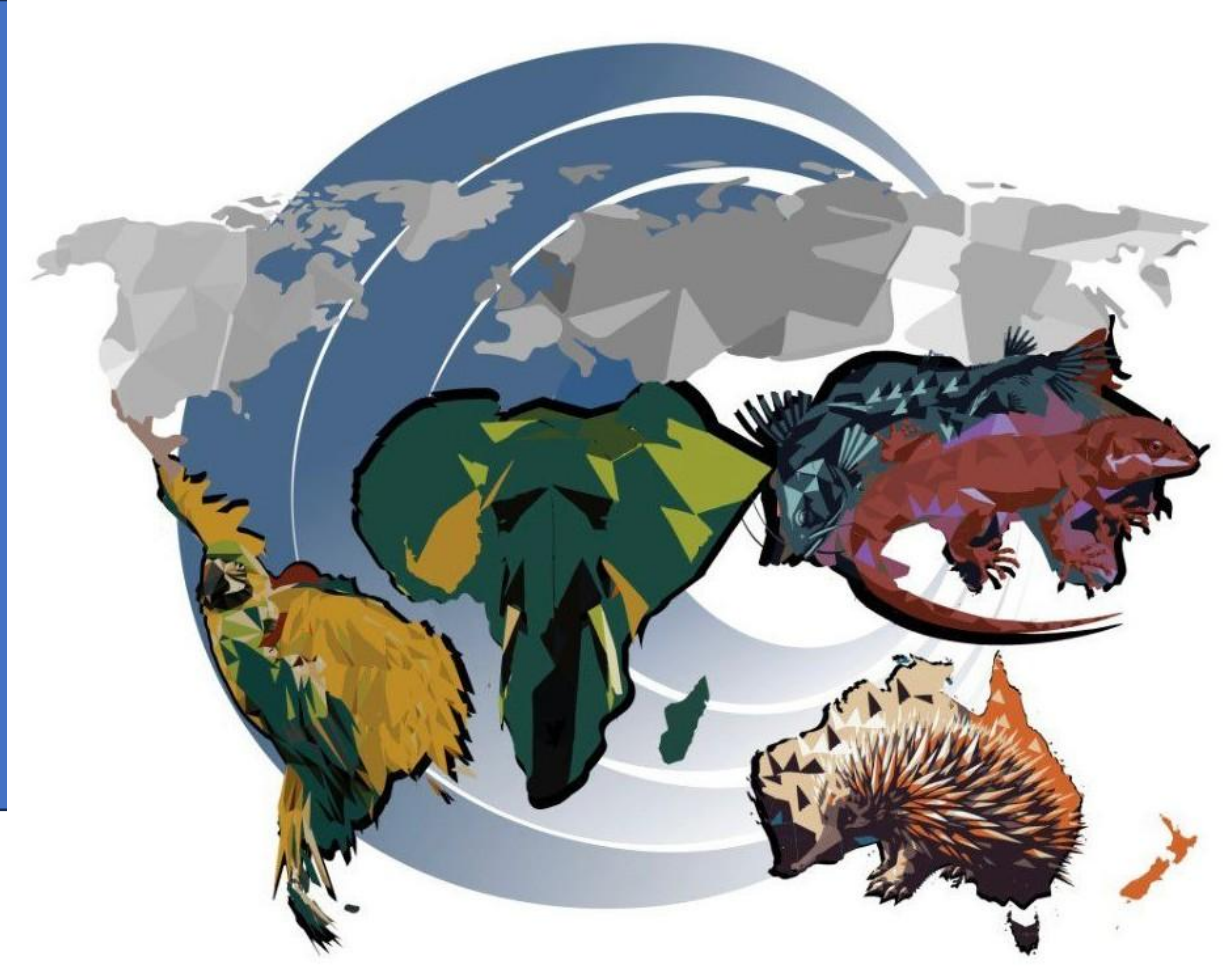
Carolina A. Freire – Brazil



Christine Cooper, Australia
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