



XXII

Biennial Meeting
INTERNATIONAL
SOCIETY FOR
COMPARATIVE
PSYCHOLOGY

Bogotá Colombia

December 3th – 5th
2025

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December 3th – 5th
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Bogotá Colombia

December 3th – 5th
2025

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Bogotá Colombia

December 3th - 5th
2025

December 3rd

Day 1 - Wednesday

Time	Activity	
9:00 - 10:00	Registration and reception	
10:00 - 10:30	Auditorium SFF Opening ceremony	
10:30 - 11:30	Auditorium SFF Invited Talk Integrating comparative frameworks in the advancement of multilevel health models Leonardo Ortega Mod. F. Sanabria	
11:30 - 12:30	Auditorium SFF Session 1 Bety Guzman Paro, Carlos Esteban Convers Baena, Angie Paola Varila Murcia Mod. L. Ortega	Lecture Hall 406 Session 2 Daniela Rocha Jurado, Juan Sebastian Cely, Pedro Ravelo Mod. B. Gutierrez
12:30 - 14:00	Lunch	
14:00 - 15:30	Auditorium SFF Discussion Panel <i>Thoughts about "cognition"</i> Charles Abramson, Aaron Blaisdell, Ricardo Pellón, Laura Suárez Mod. Gabriela E. López-Tolsa	
15:30 - 16:30	Auditorium SFF Invited Talk <i>Insight as functional reorganization: From learning history to behavioral novelty</i> Miriam García-Mijares Mod. J. Buriticá	

Bogotá Colombia

December 3th - 5th
2025

December 4th

Day 2 - Thursday

Time	Activity	
10:00 – 11:00	Auditorium SFF Invited Talk <i>Utility maximization in rodent models of motivated behavior</i> Federico Sanabria Mod. B. Gutiérrez	
11:00 – 12:30	Auditorium SFF Symposium Mathematical Models: A Tool for Comparative Psychology Gloria Ochoa-Zendejas, Julian C. Velasquez, Diego Flores, Gabriela E. López-Tolsa Discussant: F. Sanabria	Lecture Hall 406 Session 3 Leonard Nigrini, Manuel Aranzubia-Olasolo, Nicolas Gustavo Calleja, Nicolas Gustavo Calleja Mod. J. Buriticá
12:30 – 14:00	Lunch	
14:00 – 15:00	Auditorium SFF Session 5 Alvaro Arturo Clavijo Alvarez, Aaron P. Blaisdell, Andrew McGregor Mod. A. Blaisdell	Lecture Hall 406 Session 4 Robert Ian Bowers, Ashlyn Osorio, Pablo Covarrubias Mod. G. López-Tolsa
15:00 – 16:00	Auditorium SFF Session 6 Lauren Guillette, J. Eduardo Reynoso-Cruz, Brissa Gutiérrez Mod. E. Reynoso	Lecture Hall 406 Session 7 Leonardo Moreno-Naranjo, Danilo Zambrano Ricarte, Laura Trejos Moreno/ Laura Sofia Diaz Forero Mod. F. Sanabria
16:00 – 17:00	Auditorium SFF Invited talk <i>From experience to expectation</i> Sarah Cowie Mod. G. López-Tolsa	
17:00 – 19:00	Lecture Hall 406 Posters and meet and greet	

December 5th

Day 3 - Friday

Time	Activity	
10:00 - 11:00	Auditorium SFF Invited talk <i>Empirical and theoretical investigation of associative learning in animal groups</i> Takao Sasaki Mod. F. Sanabria	
11:00 - 12:30	Auditorium SFF Session 8 Diana Milena Cortés-Patiño, Miguel Puentes-Escamilla, Felipe Cabrera Javier Leonardo Rico Mod. S. Cowie	Lecture Hall 406 Session 9 Paulina Montoya, Paulo Soares-Filho, Rodrigo Benavides Mod. J. Buriticá
12:30 - 14:00	Lunch	
14:00 - 15:00	Auditorium SFF Invited talk <i>How dogs adapted to the anthropocene</i> Clive D. L. Wynne Mod. A. Blaisdell	
15:00 - 16:00	Business Meeting + Clousure	

Bogotá Colombia

December 3th - 5th
2025

Oral presentations

Session 1

Auditorium SFF

Mod. L. Ortega

Characterization of emotional-like behavior in Sprague-Dawley rats subjected to a pentylenetetrazol (PTZ) kindling epilepsy model

Bety Guzman Paro; Carlos Medina Saldivar; Luis Fernando Pacheco Otálora

Integrating basic and applied psychology: A darwinian model of translational research

Carlos Esteban Convers Baena

Primates in rehabilitation: A behavioral look at the effects of environmental enrichment

Angie Paola Varila Murcia; Ana Lucia Arbaiza Bayona; Melany Sulay Vanegas Queeman; Santiago Hernan Ruge Poveda; Karen Sofia Izaquita Chaves; Andrés Felipe Ordóñez Rincón; Germán Antonio Gutierrez

Session 2

Lecture Hall 406

Mod. B. Gutiérrez

Rethinking interspecies differences in delay discounting: Measurement artifacts

Daniela Rocha Jurado; Arturo Clavijo, João Lucas Bernardy

State-dependent drift diffusion models in animal decision-making

Juan Sebastian Cely; Pete Trimmer

Cooperation and competition under environmental harshness: Evidence of evolution through agent-based simulations

Pedro Ravelo; Germán Gutierrez; Juan Camilo Higuera, Juan Camilo Cely

Bogotá Colombia

December 3th - 5th
2025

Oral presentations

Session 3

Auditorium SFF

Mod. J. Buriticá

Approaching the interrelations of subcortical units in classical conditioning

Leonard Nigrini; Sergio Ramos Solís; Miquel Llorente; Ricardo Pellón

Sex differences in the reinstatement of a conditioned taste aversion

Manuel Aranzubia-Olasolo; Tamara Castaño; Renata Bascuñán; Rocío Angulo

Aversive conditioning and extinction in amphibians: Insights into ancient fear circuits

Nicolas Gustavo Calleja; Maria Florencia Daneri; Ruben Nestor Muzio

Days of fear: Behavioral retention of aversive memory in toads

Nicolas Gustavo Calleja; Maria Florencia Daneri; Ruben Nestor Muzio

Session 4

Auditorium SFF

Mod. A. Blaisdell

Is there superstition? Effects of response-independent stimuli on behavior in children

Alvaro Arturo Clavijo Alvarez; Karen Henao; Erika Garcia Mónica Arias-Higuera, Camilo Hurtado

The conjunction fallacy in rats and humans

Aaron P. Blaisdell; Valeria González; Sowgol Sadeghi; Linh Tran; Ikponmwosa Pat-Osagie; Rob Tsai; Cyrus Kirkman; Melissa Qiu

Porting open-source operant-conditioning technologies to natural settings

Andrew McGregor; Nicolas Hadacek; Oliver Libaw; Aaron Blaisdell

Bogotá Colombia

December 3th – 5th
2025

Oral presentations

Session 5

Lecture Hall 406

Mod. G. López-Tolsa

A few reasons to doubt that dogs understand humans when they point at an object

Robert Ian Bowers

Disgust sensitivity and its effect on attitudes toward obesity: An experimental approach

Ashlyn Osorio

The role of the permanent environment in the perception of horizontal and vertical self-motion

Pablo Covarrubias

Session 6

Auditorium SFF

Mod. E. Reynoso

String pulling and nest building: Do male and female zebra finches learn differently?

Lauren Guillette; Connor Lambert; Benjamin Whittaker; Brandon Neil; Cailyn Poole; Andrés Camacho-Alpízar; Julia L. Self; Sara Blunk

Training African giant rats for scent-detection of illegal wildlife products

J. Eduardo Reynoso-Cruz; Walter Magesa; Anthony Mshigeni; Cynthia Fast; Jade Fountain; Neema Justine; Cristophe Cox

Social learning of a behavioral sequence between demonstrator and naïve rats

Brissa Gutiérrez; Rodrigo Benavides; Valeria Dominguez; Federico Sanabria; Takao Sasaki

Bogotá Colombia

December 3th - 5th
2025

Oral presentations

Session 7

Lecture Hall 406

Mod. F. Sanabria

A preliminary study of human exogamy: Preferences for international partners

Leonardo Moreno-Naranjo; Germán Gutiérrez

Attraction and attitudes: The body's innate signals and their role in shaping brand preferences.

Danilo Zambrano Ricarte

Adaptation and validation of instruments for studying human mating in evolutionary psychology

Laura Trejos Moreno; Sara Lucia Rivera Quiroga; Laura Sofia Diaz Forero; Danilo Zambrano Ricarte

Session 8

Auditorium SFF

Mod. S. Cowie

Adolescent social isolation and sucrose reward sensitivity

Diana Milena Cortés-Patiño; Evelyn Freire Melo; Caio Medeiros

Evidence of emergent patterns of female dominance and affiliation in Norway rats

Miguel Puentes-Escamilla

Constraints and opportunities for behavioral variability in locomotion

Felipe Cabrera; Idania Zepeda; José M. Martínez; Paula A. Becerra

From escape to conflict: Ethological analyses reveal defensive strategies in gerbils on the elevated plus-maze

Javier Leonardo Rico; Silvia Cardenas-Otero; Daniel Gonzalez-Escobar; Luisa Muñoz-Tabares

Bogotá Colombia

December 3th - 5th
2025

Oral presentations

Session 9

Lecture Hall 406

Mod. J. Buriticá

Interaction between timing, exteroceptive stimulus, and its effects on anticipatory responses in multiple and mixed fixed-interval schedules in rats

Paulina Montoya; Heber Zapata; Jonathan Buriticá

Effect of timeout punishment on the resurgence of operant behavior

Paulo Soares-Filho; Ana Vanderley-Cardoso; Gabriel Henderson; Diana Cortés-Patiño; Marcus Carvalho-Neto

Renewal of response location in rats and humans

Rodrigo Benavides; Sebastian Mendoza; Brissa Gutiérrez

Symposium

Auditorium SFF

Discussant: F. Sanabria

Mathematical modeling of impulsive choice and timing in ADHD

Gloria Ochoa-Zendejas; Ivette Vargas de la Cruz; Cristiano Valerio dos Santos; Jonathan Buriticá

Further exploration of multiple alternative responses training using the resurgence-as-choice-in-context framework

Julian C. Velasquez; Rusty W. Nall; Carlos J. Flores

Using RaC to analyze reinforcer competition in the concurrent resurgence of ethanol consumption in rats

Diego Flores; Brissa Gutiérrez; Rodrigo Benavides; Andrew Craig

Making comparisons easy by using the Operant Demand framework

Gabriela E. López Tolsa

Bogotá Colombia

December 3th - 5th
2025

1. Meet the editor-in-chief of the International Journal of Comparative Psychology.

Charles I. Abramson

2. A microstructure behavior approach to measure the effects of ethanol consumption acquisition in progressive ratio in young CD1 mice.

Génesis Aranza Galindo-Siller; Tania Campos Ordoñez; Jonathan Buriticá

3. Understanding stress reactivity through Tinbergen's four questions: An integrative evolutionary-developmental framework.

Andrés Carrillo-González; Felipe Forero Castillo; Leonardo Augusto Ortega Murillo

4. Numerosities in the birdbrain: Pigeons' (*Columba livia*) judgments of sequential light flashes from counting and Fibonacci sets.

Joonsung Park

5. Early social exposure boosts copulatory efficiency and sexual conditioning.

Leonardo Andres Duque Escoba; Luz Helena Mondragon Riascos; Samuel Leonardo Rubio Pachon; Melany Vanegas Queeman; German Antonio Gutierrez Dominguez

6. The role of common stimulus in perceptual learning: Variations on its characteristics.

Juana Marcela Lugo Hernández; Bernardo Jiménez Santa Cruz; Rosalva Cabrera Castañón

7. Escape from rich-to-lean transitions in rats.

Rubén Jesús Jiménez Ríos; Mateo Rodríguez-Giraldo, Luis Miguel Rodríguez-Huerta, Carlos de Jesús Torres Ceja

8. Preliminary assessment of the dual behavioral systems in a punishment procedure.

Felipe I. Varas; Vicente Martínez; Gonzalo Miguez; Mario A. Laborda; Anthony Dickinson; Omar D. Perez

9. Timing and impulsivity: A comparative approach from animal models to children with ADHD.

Yuri Sanchez-Haro; Gloria Ochoa-Zendejas; Ricardo Montes-Herrera; Regina Pérez-Quintanilla; Yhoalibeth Estrada-Flores; Valeria González-Calvillo; Montserrat Cervantes-Cervantes; Alexander Rios-Zamora; Claudia Gutiérrez-Rodríguez; Karen Dávila-Sánchez; Ivette Vargas de la Cruz; Jonathan Buriticá

10. Learning history shaped by payoff matrix influences cooperation in the prisoner's dilemma.

Victor de la Mora; Brissa Gutiérrez; Rodrigo Benavides

11. Implementation of an environmental enrichment programme for giraffes to reduce stereotypical behaviour.

Ricardo Pellón; Gema Méndez; Ana de Paz; Pedro Vidal; Ricardo Pellón

12. Cognitive challenges and their influence on cortisol levels in *Ateles geoffroyi*.

Layda V. Gamez-Suárez; J. Eduardo Reynoso-Cruz ; Laura T. Hernández-Salazar

13. Behavioral effects of a psilocybin mushroom infusion on escape responses in *Acheta domesticus*.

Evelyn Leandro-Chinchilla; Juliana Blanco-Rodríguez; Marvin Muñoz-Zamora; Adarli Romero-Vásquez; Marianella Masís-Calvo

14. The role of the inertia tensor in the radial-tangential haptic illusion.

Pablo Covarrubias; Aurelio Márquez Rodríguez

15. MAGL inhibition: Sex-specific modulation of sensory and affective responses to Hyperalgesic Priming in mice.

Silvia J. Cardenas-Otero; Vinícius Pelarin; Julián Humberto Avalo Zuluaga; Carlos Crestani; Souza, Lucas Canto de Souza, Ricardo L. Nunes; Daniela Baptista De Souza, Lucas Canto; Ricardo L. Nunes de Souza

16. Variability and stereotypy in a virtual Dashiell maze: Reinforcing different levels of variability routes in a VDM.

Idania Zepeda; Paula Alejandra Becerra; María del Carmen Ocegueda; Francisco Muratalla

17. Impact of early maternal stress on maternal care and offspring behavior in rats.

Marianella Masís-Calvo; Sofía Villalta; Maripaz Castro; Alexies Dagnino-Subiabre

18. Vocalization, contact, and experimenter bond as a modulator of anxiety-like behaviors in female rats.

Zyanya Beguerisse Sandoval; Brissa Gutiérrez, Rodrigo Benavides, Kenji Valencia Flores

19. Dominance relations in Norway rats in pairs versus groups.

Miguel Puentes-Escamilla

20. The Tube Test in the spotlight: Winners of contests in isolated pairs exhibit subordination behaviors in groups.

Miguel Puentes-Escamilla

21. When dominance fails: Shifts in male hierarchies and unexpected patterns of reproductive success in Japanese quail.

Juan Carlos Riveros; German Gutierrez

22. Do dogs prefer strangers synchronized with their owner? A proposed experimental study.

Valentina Guerra; Karen Ortiz; Sara Martínez; Laura Roa; Juan Carlos Riveros

23. Effects of dog interaction on academic stress in university students: An experimental study.

Mariana Becerra; Jeziel Caceres; Jonathan Palomino; Juan Carlos Riveros

24. A psychological model of the cognitive processes regulating exploratory behavior in animals.

Wojciech Pisula

25. Preference and behavioral effects of different enriched environments in female Wistar rats.

Valentina Rodríguez Valencia; Brissa Cecilia Gutiérrez Ortegón; Rodrigo Benavides Zapata.

26. Effects of environmental enrichment on the stereotypical behavior of a *Sapajus apella*.

Melany Sulay Vanegas Queeman; Angie Paola Varila Murcia; Isabella Temple Focón; Germán Antonio Gutiérrez

27. *Stimulus equivalence and the directionality of conditional relations.*

Elberto A. Plazas; Juan C. Forigua