### Editor-in-Chief:

Lydia Hopper Department of Molecular and Comparative Pathobiology Johns Hopkins University School of Medicine Baltimore, MD, 21205, U.S.A. animalbehaviorandcognition@gmail.com

#### Associate Editors:

Sarah-Elizabeth Byosiere Hunter College and The Graduate Center, City University of New York, U.S.A.

Christian Nawroth Research Institute for Farm Animal Biology, Germany

Joshua Plotnik Hunter College and The Graduate Center, City University of New York, U.S.A.

Agathe Serres Chinese Academy of Sciences, China

Christopher Sturdy University of Alberta, Canada

Jennifer Vonk Oakland University, U.S.A.

### **Editorial Advisory Board:**

Ikuma Adachi, Kyoto University, Japan Christian Agrillo, University of Padova, Italy Matthias Allritz, University of St. Andrews, U.K. Lisa Barrett, San Diego Zoo Wildlife Alliance, U.S.A. Michael Beran, Georgia State University, U.S.A. Anindita Bhadra, Indian Institute of Science Education and Research Kolkata, India Markus Bockle, Karl Landsteiner University of Health Sciences, Austria Jason Bruck, Stephen F. Austin State University, U.S.A. Thomas Bugnyar, University of Vienna, Austria Alecia Carter, University College London, U.K. Gerald Carter, Ohio State University, U.S.A. Gloriana Chaverri, Universidad de Costa Rica, Costa Rica Fay Clark, University of Bristol, U.K. Caroline DeLong, Rochester Institute of Technology, U.S.A. Eduardo Fernandez, The University of Adelaide, Australia Grace Fuller, Detroit Zoo, U.S.A. Lauren Highfill, Eckerd College, U.S.A. Heather Hill, St. Mary's University, U.S.A. Mark Krause, Southern Oregon University, U.S.A. Suzanne MacDonald, York University, Canada Ádám Miklósi, Eötvös University, Hungary Robert Mitchell, Eastern Kentucky University, U.S.A. Mathias Osvath, Lund University, Sweden Ljerka Ostojic, Interdisciplinary Research Group Audrey Parrish, The Citadel, U.S.A.

Darby Proctor, Florida Institute of Technology, U.S.A. Shige Watanabe, Keio University, Japan Jason Watters, San Francisco Zoological Society, U.S.A. Deirdre Yeater, Sacred Heart University, U.S.A.

### Senior Copy Editor

Kevin Leonard

#### **Editorial Assistants:**

Mena Davidson Holli Eskelinen Pepper Hanna Lauren Miller Andrea Sommes Kaitlyn Willgohs

#### Webmaster:

Unicus, LLC

ABC logo and cover designed by Unicus, LLC

Cover: Wild meerkats at the Kalahari Research Center in the Kuruman River Reserve, Northern South Africa Photo credit: Sofia Forss



# **Animal Behavior and Cognition**

2023, Volume 10, Number 4

# **Curiosity and Information Seeking in Animal Behavior Regulation**

## Special Issue Guest Edited by Wojciech Pisula and Klaudia Modlinska

- 287 Animals in Search of Stimulation and Information: A Review of over 10 years of our Research on Spontaneous Exploration in Rats as a Response to Novelty in Low-Stress Paradigm *Wojciech Pisula and Klaudia Modlinska*
- 304 The Goldilocks Principle: Balancing Familiarity and Novelty in the Selection of Play Partners in Groups of Juvenile Male Rats Jackson R. Ham and Sergio M. Pellis
- 329 The Role of Umwelt in Animal Curiosity: A Within and Between Species Comparison of Novelty Exploration in Mongooses *Kristina Birchmeier, Lily Johnson-Ulrich and Joana Stein and Sofia Forss*
- 355 Canine Curiosity: What We Do and Don't Know, and What Human Infants Could Teach Us *Courtney L. Sexton and Kelsey R. Lucca*
- 366 Exploratory Search: Information Matters More than Primary Reward *Patrick Anselme*