

Special Issue

Animal Behavior: Insights into Chemical Communication

Message from the Guest Editors

Chemical communication is a common and crucial way to communicate for every creature of the animal kingdom. Measuring the effects of chemical messages helps us to understand the potential applications of chemical communication in animals' lives: to facilitate the adaptation process during different daily life situation, to favor the cohabitation between individuals, to facilitate the management of animal welfare, and to help control behavioral disorders. Interdisciplinary studies will be considered for this Special Issue, especially ones regarding (but not limited to): (1) Mechanisms of action of semiochemicals in animals; (2) Pathology of organs involved in the secretion and in the perception of semiochemicals; (3) The influence of chemical communication in the life of animals: reproduction, territorial behavior, social behavior, appeasement behavior, maternal behavior; (4) Physiological and behavioral changes/effects linked to the use of synthetic analogues of semiochemicals in companion, farm, and wild species; (5) Chemical communication to fight against animals' external parasites; (6) Welfare implications of the use of semiochemicals in animal kingdom.

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About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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