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Advances in Wildlife Endocrinology and Reproduction

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Message from the Guest Editors

Wildlife populations are continuously exposed to environmental and human changes that inevitably impose different challenges. The endocrine system is particularly involved in addressing such situations because hormones play a key role in the successful adaptation to the ever-changing environment, by helping to maintain homeostasis, while also controlling several physiological processes intimately connected with behavior, reproduction, growth, health, and survival. Today, hormone analysis is an accurate tool for monitoring both physiological stress responses and the reproductive function in wildlife, two major components for the conservation of species. Overall, endocrine approaches may help to recognize the real impact of environmental changes and perturbations, understanding associated behavioral responses, and even anticipating the decline of a threatened population by revealing problems leading to reproductive failure. This Special Issue aims at gathering the latest findings and technical developments in wildlife endocrinology and reproduction needed for achieving a proper understanding and its successful application for animal welfare, reproduction and conservation strategies.



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Special Issue



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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: 3.0 (2022, ranks 12 /62 (Q1) in 'Agriculture, Dairy & Animal Science'; 13/143 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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