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Advances in Small Animal Endocrinology and Reproductive Physiology

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Message from the Guest Editor

The field of endocrinology and reproductive physiology in small animals is a rapidly growing area of veterinary sciences that focuses on the mechanisms controlling the reproductive process and fertility in canine and feline species, involving estrous cycles, gamete production, pregnancy, andrology, and reproductive disorders. These disorders can include reproductive problems affecting endocrine glands and reproductive organs, such as hypoluteoidism, thyroid disease, obesity, uterine pathology, and infertility.

Scientists are exploring the connection between hormones and a variety of diseases, and reproductive output, utilizing cutting-edge biotechnology, genetic engineering, and gene-editing techniques. By understanding the underlying physiologic and endocrinologic mechanisms of reproductive activity, we can enhance or control the reproductive performance and overall welfare of our small animals.



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Special Issue



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Message from the Editor-in-Chief

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