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Congenital Malformation in Domestic Animals

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Message from the Guest Editors

Congenital malformations are structural or functional anomalies (for example, metabolic disorders) that occur during intrauterine life and can be identified prenatally, at birth, or sometimes only later during life (for example, hearing defects). Animals affected by congenital malformations are of great interest to scientists, as they are non-artificial study models useful to the discovery of genetic bases, clinical aspects, diagnostic tools, and therapeutic approaches of several diseases. The findings of such studies can often be translated from the animal to humans. This is why the study of animals affected by congenital malformations, and sometimes of their relatives, allows us to pursue the principles of the three Rs for Animal Welfare in research.

We invite review and original research papers related, but not limited, to genetic aspects of congenital malformations in animals, in order to realize a Special Issue that supports the development of future research scenarios.



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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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