

Special Issue

Regeneration in Animals

Message from the Guest Editor

Regeneration is necessary to keep an organism. Without it, there could be no life. It is the process of restoration, renewal, and growth that makes genomes, cells, organisms, and ecological systems recover from natural change or events that cause a disturbance. However, not all organisms regenerate in the same way. For example, unlike mammals, lampreys exhibit strong spontaneous regeneration and functional recovery after spinal cord injury. It is not known why regeneration cannot occur in some organisms, but it can in others. Thus, there has been a lot of research to answer this fundamental question in regenerative biology. We invite you to submit a paper in a broad range of topics around regeneration in animals. Areas of interest include but are not limited to: Regenerative medicine; Regenerative materials; Stem cell; Cell regeneration; Tissue and organ regeneration; Tissue engineering; Wound healing; Nerve repair and regeneration.

Guest Editor

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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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