

Special Issue

Anatomy and Regenerative Medicine: From Methods to Applications

Message from the Guest Editors

Anatomy and regenerative medicine (RM) are two disciplines that are strongly interconnected. The promising field of regenerative medicine may be defined as the process of replacing or "regenerating" human cells, tissues or organs to restore or establish normal functions. Beginning from the basics provided by human anatomy remains the best approach. Years of studies of and insights into the composition of the human body offer a solid starting ground on which to develop new therapeutic paths. Macro-anatomy data contribute to the replacement/healing of entire organs, and the field of nanotechnology uses micro-anatomy discoveries.

RM can offer a modern solution to existing long-term problems. There is an extensive number of application fields: from stem-cell therapy to tissue engineering; from biomaterial 3D printing to artificial organs.

This Special Issue of *Applied Biosciences*, "Anatomy and Regenerative Medicine: From Methods to Applications", is committed to all new discoveries and applications of RM. Research papers that emphasize the shift from anatomical data to practical applications will be particularly appreciated.

Guest Editors

Dr. Alessandro Pitruzzella
Dr. Alberto Fucarino
Prof. Dr. Fabio Bucchieri

Deadline for manuscript submissions

closed (30 September 2024)



Applied Biosciences

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 5.3



mdpi.com/si/114255

Applied Biosciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applbiosci@mdpi.com

[mdpi.com/journal/
applbiosci](https://mdpi.com/journal/applbiosci)





Applied Biosciences

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 5.3



[mdpi.com/journal/
applbiosci](https://mdpi.com/journal/applbiosci)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Robert Henry

1. Queensland Alliance for Agriculture and Food Innovation, University of Queensland, Brisbane, QLD 4072, Australia
2. ARC Centre of Excellence for Plant Success in Nature and Agriculture, University of Queensland, Brisbane, QLD 4072, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within ESCI (Web of Science), Scopus, Embase, and other databases.

Journal Rank:

JCR - Q2 (Biotechnology and Applied Microbiology) /
CiteScore - Q1 (Agricultural and Biological Sciences
(miscellaneous))