

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

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