

Special Issue

Advances in the Angiogenic Field

Message from the Guest Editors

Blood vessels are a prerequisite for normal development, tissue growth, and repair as they provide nutrients, remove waste products, and transport cells to distant sites. Blood vessels arise through two processes: vasculogenesis and angiogenesis. Due to its crucial role in physiological and pathological conditions, angiogenesis has been extensively studied and is now recognized as a promising therapeutic target in various pathological settings. Furthermore, blood vessels are essential in developing engineered tissues for regenerative medicine. Despite their quiescent state, ECs retain their angiogenesis competency since they can respond to an angiogenic stimulus imbalance. Excessive or insufficient neovascularization is characteristic of several pathologies. Consequently, a fine regulation of angiogenesis is necessary for human physiology to maintain homeostasis. Recently technological advancements have allowed a deep understanding of the mechanisms supporting angiogenic events, EC crosstalk with the microenvironment, and identifying new therapeutic targets.

Guest Editors

Prof. Dr. Stefania Mitola

Dr. Michela Corsini

Dr. Cosetta Ravelli

Deadline for manuscript submissions

closed (31 May 2022)



International Journal of Translational Medicine

an Open Access Journal
by MDPI

CiteScore 2.2



mdpi.com/si/74269

*International Journal of
Translational Medicine*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijtm@mdpi.com

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





International Journal of Translational Medicine

an Open Access Journal
by MDPI

CiteScore 2.2



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Pier Paolo Claudio

Department of Pharmacology and Toxicology, Cancer Center and
Research Institute, University of Mississippi Medical Center, Jackson,
MS 39216, USA

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus and other databases.

Journal Rank:

CiteScore - Q2 (Medicine (miscellaneous))