Special Issue

Cellular Plasticity of the Neuromuscular System

Message from the Guest Editors

The neuromuscular system is large—comprising ~40% of the body's entire mass—and vital to our health and well-being. It allows movement, including health-related exercise, as well as normal, yet necessary, activities of daily living. This system is capable of considerable cellular remodeling as a result of natural post-natal development, and aging-related deterioration. Moreover, even in healthy adults significant remodeling of the myofibers, motor neurons, and neuromuscular junctions that these cells join together to form has been demonstrated with scientific inquiry. For example, changes in activity, whether increases via exercise, or decreases, i.e. disuse, elicit significant neuromuscular remodeling. In this special issue of *Cells*, recognized experts of the neuromuscular system will address cellular remodeling of that system, and how it affects the health and function of the whole organism.

Guest Editors

Dr. Matt S. Stock
School of Kinesiology and Physical Therapy, University of Central Florida, Orlando, FL 32816, USA

Prof. Dr. Michael Deschenes
College of William and Mary, Williamsburg, VA 23187, USA

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

mdpi.com/journal/cells

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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE, Minneapolis, MN 55455, USA

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