

Special Issue

COVID19, Renin-Angiotensin System and Endothelial Dysfunction

Message from the Guest Editor

The newly emergent novel coronavirus disease 2019 (COVID-19) outbreak has posed a serious threat to global public health with major worldwide socio-economic disruption. Now, evidence strongly indicates that mortality with COVID19 is associated with pre-existing conditions such as cardiovascular diseases, diabetes, and hypertension. In light of this, a systematic examination of the molecular basis of SARS-CoV-2 infection, the role of the renin-angiotensin system, in particular, the role angiotensin-converting enzyme 2 (ACE2) and the role of endothelial dysfunction in COVID-19-associated mortality and vice-versa is urgently needed. Understanding the role of the cardiovascular system in SARS-CoV-2 infection is essential to provide medical care for COVID-19 patients with cardiovascular co-morbidity. Moreover, comprehensive knowledge is urgently needed for a mechanistic understanding of the disease and the development of potential therapeutic strategies against COVID-19.

Guest Editor

Prof. Dr. Nader Rahimi

Department of Pathology, Boston University, 670 Albany St. Room 510, Boston, MA 02118, USA

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

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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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