

Special Issue on
**Severe Sepsis, Septic Shock, and Multiple Organ
Dysfunction Syndrome**

CALL FOR PAPERS

Severe sepsis and/or septic shock is a leading cause of mortality and morbidity in the intensive care unit. Sepsis is defined as inappropriate response of the human body to infection, leading to organ dysfunction. Individual patient may respond differently to systematic inflammatory response syndrome (MODS) induced by infection. Multiple organ dysfunction syndrome is the result of severe sepsis, leading to acute respiratory distress syndrome, acute kidney injury, and acute gastrointestinal injury. There is a variety of treatment strategies for the management of MODS, which is also an area of active research. For example, modalities for the treatment of acute respiratory syndrome can range from, in the order of mild to severe forms, noninvasive ventilation, invasive mechanical ventilation, and extracorporeal membrane oxygenation (ECMO).

The purpose of this special issue is to publish high-quality research papers as well as review articles addressing recent advances on severe sepsis and MODS. Original, high quality contributions that are not yet published or that are not currently under review by other journals or peer-reviewed conferences are sought.

Potential topics include but are not limited to the following:

- ▶ Diagnosis of sepsis and septic shock, especially biomarkers for early identification of sepsis
- ▶ Scoring system for the triage of sepsis in emergency department, general ward, and intensive care unit
- ▶ Resuscitation of septic shock
- ▶ Issue related to the diagnosis and management of MODS
- ▶ Treatment strategies and modalities of MODS, especially mechanical ventilation, ECMO, and renal replacement therapy
- ▶ Basic research work on the sepsis and MODS
- ▶ The use of extracorporeal techniques for MODS
- ▶ Anticytokine strategies such as the use of Immunoglobulins and blood purification

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ccrp/ssss/>.

Lead Guest Editor

Zhongheng Zhang, Zhejiang University,
Hangzhou, China
zh_zhang1984@hotmail.com

Guest Editors

Panagiotis Tsirigotis, National and
Kapodistrian University of Athens,
Athens, Greece
panagtsirigotis@gmail.com

Sven Van Poucke, Ziekenhuis
Oost-Limburg, Genk, Belgium
svanpoucke@gmail.com

Manuscript Due

Friday, 28 July 2017

First Round of Reviews

Friday, 20 October 2017

Publication Date

Friday, 15 December 2017