

Special Issue

Trauma and Emergency: Beyond Damage Control Surgery

Message from the Guest Editors

Following major trauma, outcomes correlates with both appropriateness and timeliness of diagnosis and treatment but, first and foremost, with severity of injury. In fact, a severe trauma almost instantaneously leads to a high level of cell death with the release of debris cell's fragments. These DAMPs (damage-associated molecular patterns) sustain the following cascade and the pathophysiological consequences, structured in the mechanistic insight depicted in the so-called "Danger model". A deep knowledge of these pathomechanisms might be extremely interesting in both predicting the outcome and defining the most therapeutically suitable approach after severe trauma. We are extremely excited to explore all the new findings concerning this field in terms of pathophysiological knowledge, diagnostic and prognostic approaches, and therapeutic strategies.

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