



## Burns Immunology and Microbiology

Guest Editor:

**Prof. Dr. Fadi Issa**

Transplant Research and  
Immunology Group, Nuffield  
Department of Surgical Sciences,  
University of Oxford, John  
Radcliffe Hospital, Oxford OX3  
9DU, UK

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### Message from the Guest Editor

Dear Colleagues,

Burn injury is associated with significant local and inflammatory systemic changes. Whilst the local inflammatory response is integral to wound closure and the antimicrobial response, it is increasingly clear that its dysregulation can result in poor healing. Moreover, severe burn injury results in the systemic inflammatory response syndrome (SIRS), as well as a number of metabolic disturbances that can impact cardiac, respiratory, renal, and intestinal function. These disruptions in turn have an impact on the antimicrobial response and have serious consequences for patient survival and long term outcomes. Understanding the mechanisms underlying the immune response that develops after burn injuries is therefore crucial to the development of therapeutics that support patient recovery. In this Special Issue, we bring together new insights into this key area of patient care.

Prof. Dr. Fadi Issa  
*Guest Editor*

