

Impact of plasma histones in human sepsis and their contribution to cellular injury and inflammation.

Ekaney ML, Otto GP, Sossdorf M, Sponholz C, Boehringer M, Loesche W, Rittirsch D, Wilharm A, Kurzai O, Bauer M, Claus RA (2014) Impact of plasma histones in human sepsis and their contribution to cellular injury and inflammation. *Crit Care* 18(5), 543.

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Abstract

Circulating histones have been identified as mediators of damage in animal models of sepsis and in patients with trauma-associated lung injury. Despite existing controversies on actual histone concentrations, clinical implications and mechanism of action in various disease conditions, histone levels in human sepsis, association with disease progression and mediated effects on endothelial and immune cells remain unreported. This study aimed to determine histone levels and its clinical implication in septic patients and to elucidate histone-mediated effects ex-vivo.

Involved units

[Fungal Septomics](#) [Oliver Kurzai](#) [Read more](#)

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