

عنوان مقاله:

Toll-Like Receptor \mathcal{F} in Ventilator-Induced Lung Injuries: Mechanism of Disease

محل انتشار:

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تعداد صفحات اصل مقاله: ۵

نویسندگان:

Bahador Bagheri - Cancer Research Center and Department of Pharmacology, Semnan University of Medical Sciences, Semnan, Iran

Sajad Razavi - Anesthesiology Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran

Ali Gohari - Department of Infectious Diseases, Kowsar Hospital, Semnan University of Medical Sciences, Semnan, Ira

Sara Salarian - Anesthesiology Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran

Ali Dabbagh - Anesthesiology Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran

خلاصه مقاله:

Toll Like Receptors (TLRs) are pathogen recognition molecules with widespread expression in the cells and tissues. Among them, TLR \mathcal{F} is involved in several important diseases. TLR \mathcal{F} can be stimulated by endogenous ligands as well as bacteria and viruses. TLR \mathcal{F} stimulation on the surface of monocytes leads to production of pro-inflammatory cytokines. It is documented that mechanical ventilation with tidal volumes of $\mathcal{F}0$ mL/kg is able to induce inflammation. The mechanism of action of mechanical ventilation may involve increasing in TLR \mathcal{Y} and TLR \mathcal{F} expression. Here we review the current understanding about TLR \mathcal{F} and lung injuries in basic and clinical science

کلمات کلیدی:

Toll-like receptor \mathcal{F} , ventilation, lung

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