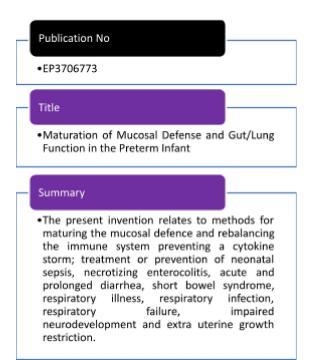


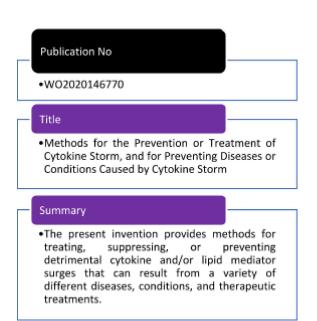
RECENT PATENT APPLICATIONS RELATING TO CYTOKINE STORM

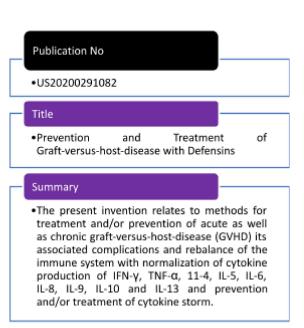
COVID-19 results in life-threatening pneumonia and acute respiratory distress syndrome (ARDS) in severe cases. Many studies indicate that an event called "cytokine storm" — an uncontrolled production of pro-inflammatory cytokines, may be linked to ARDS. Here, we present snapshots from some publications published in 2020 relating to this concept.

Publication No •CN111097390 Title •Blood Purification Adsorbent and Preparation Method Thereof and Hemoperfutor Summary •The present invention discloses a blood

•The present invention discloses a blood purification adsorbent and hemoperfutor. The blood purification adsorbent is porous polyurethane aerogel. The blood purification adsorbent provided by the invention adopts a porous polyurethane aerogel material, and has the advantages of excellent mechanical properties, controllable pore size and distribution, the high specific surface area, the large adsorption capacity. It can adsorb bacterial endotoxin, tumor necrosis factors, interleukin 6 and other cytokines in blood plasma and can be used for treating endotoxemia, sepsis, cytokine storm and other diseases.







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Publication No

CN110684118

Title

 T Cell Antigen Coupler Targeting CD19, Expression Vector And Application Thereof

Summary

 The invention discloses a T cell antigen coupler targeting CD19 and an expression vector and application thereof, and belongs to the field of tumor immune drugs. According to the T cell antigen coupler targeting CD19, the cytokine storm produced during the treatment process of T cells can be reduced.

Publication No

•US20200009191

Title

 Combination Immune Therapy and Cytokine Control Therapy For Cancer Treatment

Summary

 The present invention relates methods of use thereof included those for inhibiting or reducing the incidence of cytokine release syndrome or cytokine storm in a subject undergoing CAR T-cell therapy, methods of reating a cancer or tumor, methods of ducing tumor load, methods of reducing the

Publication No

•WO2020164166

ate of a cancer or a tumor, and tending of the survival of a from a cancer or tumor.

Title

•General-purpose CAR-T Cell, and Preparation Method Therefor and Use Thereof

Summary

•The present invention provides physiological general-purpose CAR-T cell enabling the expression of a CAR to be controlled by an endogenous promoter, and a preparation method therefor and an antitumor use thereof. The CAR-T can be allogeneically transfused, the expression of the CAR is at a physiological level and uniform, and there is no significant cytokine storm.

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