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封面故事:脓毒症(Sepsis)是指由感染和/或感染因素导致的宿主反应失调所引起的危及生命的器官功能障碍综合征,进一步发展可导致脓毒症休克、多器官功能障碍综合征,病死率高达 30%~70%。脓毒症发生的本质是在感染过程中侵入机体的病原体及其病原体相关分子模式被存在于宿主的先天免疫系统细胞的模式识别受体识别,介导免疫细胞活化而引发的免疫功能紊乱。该过程包括两个阶段:以先天免疫系统参与为主的早期细胞因子风暴和随后的先天和获得性免疫系统均参与的免疫抑制。本期论文《重视 2019 冠状病毒病(COVID-19)诱导的脓毒症免疫抑制》针对由 SARS-COV-2 病毒引起的 2019 冠状病毒病的病理生理过程特点,提出 COVID-19 具有典型的脓毒症病理生理过程特点,即早期的细胞因子风暴和随后的免疫抑制阶段。若只重视针对细胞因子风暴的治疗而忽略后期的免疫抑制阶段的治疗,因该阶段的病人免疫力低下,易出现二次感染、多器官功能衰竭而导致病情迅速恶化甚至死亡。因此,重视 COVID-19 引起的脓毒症免疫抑制阶段的研究和救治,研究具有双向免疫调节作用的药物对降低 COVID-19 重症、危重症病人的病死率具有非常重要的意义。

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