Opinion

Among the divers’ outcomes of the immune responses, inflammation has specific medical aspects in therapy, diagnosis and surveillance. Pharmacological classes include anti-inflammatory drugs [1-3] which are widely used as a treatment.

However, the most important and the less known aspect of the inflammation are the diagnosis of diseases, in addition to the surveillance of prognostic and the efficacy of treatments. Indeed, many diseases involve inflammation such as cancer [4,5] and Alzheimer’s disease [6,7] as a part of their symptoms or their pathogenesis and therefore, this immune response represents the basis or the starting pint of the diagnosis of such disease. Additionally, measuring the severity and the type of inflammation may constitute an indicator of the evolution of the disease or the efficacy of the treatment.

On the other hand, and from a biological viewpoint, the inflammation represents a part of the immune system functions [8,9] that is required for the homeostasis [10,11] of the organism and as a part of the biological defenses against exogenous organism.

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References


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