

## THALASSOTHERAPY, COVID19 AND NON-SPECIFIC IMMUNITY.

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### Abstract

**Introduction.** Thalassotherapy is one of oldest form of natural therapy. The human body interact with sea water, air, ions, and sun radiations, and balances its homeostasis. The turning plate is the tegument, a membrane placed between external and internal environment. The aim of our paper work is to present a point of view on place and role of thalassotherapy in non-specific prevention of SARS – CoV2 infection.

**Materials and method.** Journals, books, and scientific web-sites were searched using key words: thalassotherapy, non-specific immunity, covid19.

**Results and discussions.** Dermis is a connective tissue having important physiological activities and numerous cells involved in immune defence. Dendritic cells, monocytes and macrophages are members of the mononuclear phagocyte system that exhibit multiple functions during immune responses. Dendritic cells are antigen-presenting cells that act as messengers between the innate and the adaptive immune systems. Most viral infections are limited by defences that are antigen nonspecific and/or specific. Nonspecific defences act sooner than specific defences. Some are always in place (anatomic barriers, nonspecific inhibitors, and phagocytic cells); others are evoked by the infection (fever, inflammation, and interferon). Physiologic activity of these cells is modulated by thalassotherapy. A good non-specific defence is a premise for developing a good immune specific answer to viruses.

**Conclusion.** Thalassotherapy is a valuable natural therapy that has impact on immune defence. It is time to re-evaluate the virtues of thalassotherapy as a pillar of public health.

**Keywords:** *thalassotherapy, immunity, non- specific prevention*