

# PREFACE TO THE E-BOOK COVID-19

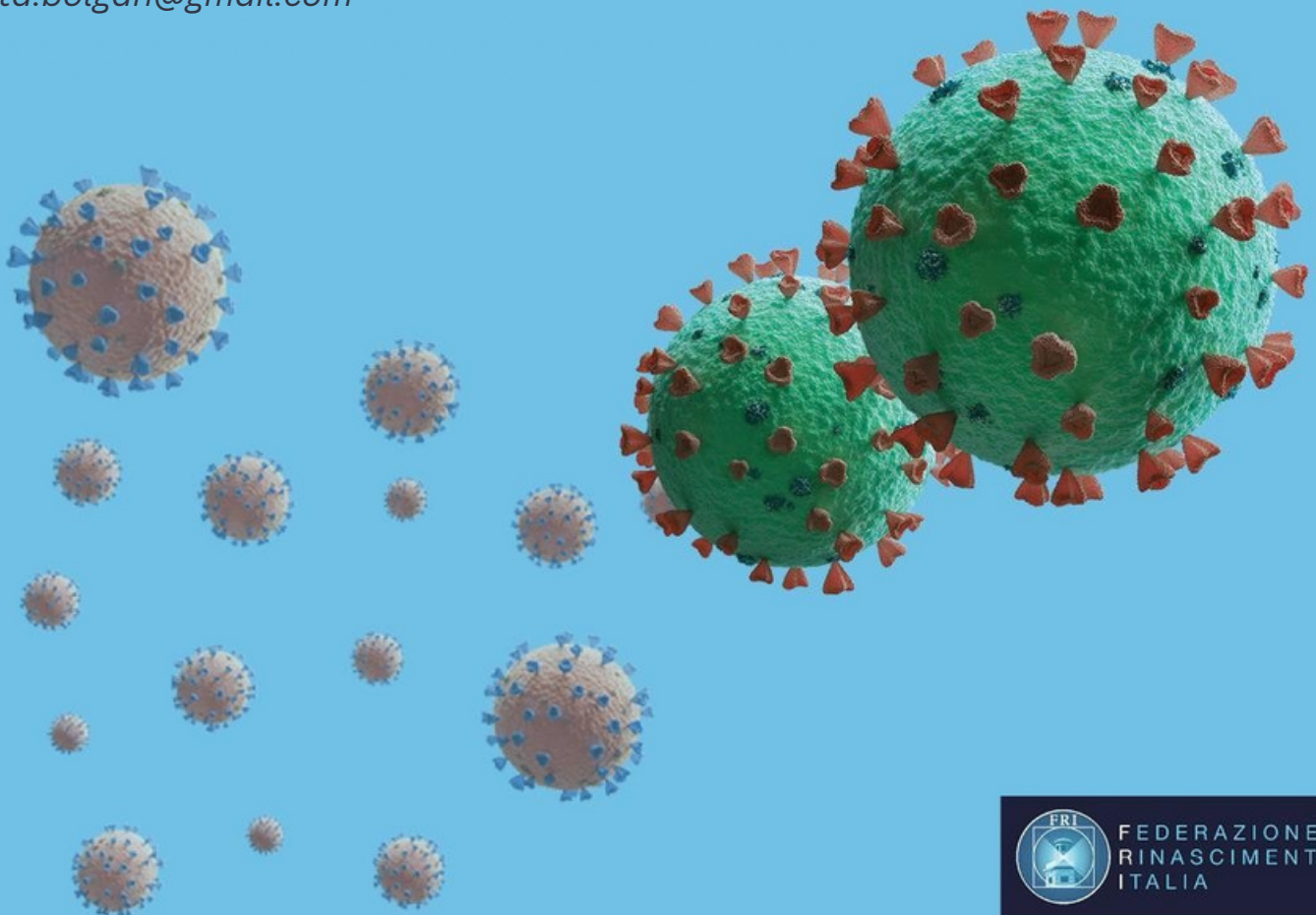
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## PREFACE TO COVID-19 EBOOK

We are all aware by now (or should be) that the COVID-19 epidemic cannot be regarded merely as a more serious seasonal flu than its predecessors, because it has irreversibly altered our society, both Italian and global, brought out its long known weaknesses and criticalities, and collapsed them under the pressure of a public health emergency that in an efficient system would have been easily managed.

The purpose of the literature review I am proposing is to present the scientific evidence available to date in order to shed more light on so many points still under discussion, in the hope that we can be better prepared in the event that the same situation arises again, of which we can now begin to analyze the damage in terms of human lives, social, economic and more or less objectionable political choices.

As I wrote above, I personally consider the change taking place to be irreversible, and thinking of acting (or reacting) to return to normalcy, meaning by "normalcy" the society that existed before COVID-19, is in my opinion neither realistic nor desirable. It is now necessary to change the scientific paradigms and the cultural, educational, economic and political models that have so far governed our society in a failed manner. The collapse and dysfunctionality of these models are there for all to see in their dramatic nature, of which, moreover, many people are not yet fully aware.

These are the basic reasons that have led me to work with dedication on this very complex topic. The various chapters that will be disseminated will not be definitive, but will form the basis for a kind of "work in progress" that I hope will be enriched by the experience of those who experienced the COVID-19 event firsthand, and thus will be open to critical reviews, updates, and comparisons with those who were (or may still be) faced with the emergency, the severity of which was undeniably related more to the inability to manage it appropriately and efficiently than to the severity of the disease itself.

Unfortunately, many basic data are still missing, and those that do exist are often contradictory. Much of the impressive body of scientific literature available is

still published without peer review, and so it is very difficult to extract the correct information on which to base choices that could have major repercussions on everyone's lives, however, I hope that what I will make available without restriction on dissemination and use can help accomplish this goal.

**Specifically, the ebook on COVID-19 will include the following chapters:**

- **Chapter 1: clinical presentation and immunopathogenesis**

Clinical presentation, histopathological findings of autopsies, the mechanism of damage induction from the immunological point of view and in various populations (children, elderly, pregnant women, gender difference).

- **Chapter 2: Multi-organ disorders**

Respiratory system, gastrointestinal system, cardiovascular system, nervous system, kidney, liver, and other target organs.

- **Chapter 3: The SARS-Cov-2 virus.**

Genetics of the virus, laboratory tests (RT-PCR, sequencing, serological). Transmission and containment measures.

- **Chapter 4: diagnostic tests and therapies**

- **Chapter 5: The risk factors**

Co-pathologies; environmental factors; individual predisposition factors.