



# No to the Herd Immunity against Novel Coronavirus (SARS-Cov-2) without Vaccination

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**Opinion**

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## Opinion

The sheer importance of the herd's immunity in protecting societies from the burden of contagious diseases and in providing opportunities for survival and continuity has not hidden after those societies were threatened, even with the disappearance sometimes by some infectious factors. Herd immunity can be achieved either through vaccination of large sectors of society, or it may sometimes be achieved by infection of a large proportion of society members naturally and acquiring natural immunity after recovery, or by both ways.

But there is a worrying issue if hopes were built in the case of the COVID-19 pandemic to reach the herd immunity by letting societies acquire natural immunity through infection, although this seems to be encouraging in theory, especially since most individuals who are immunocompetent are not very afraid of the complications of infection.

As the real potential danger lies in the fact that this renewed virus if it were allowed to infect members of society openly, will have tremendous opportunities to multiply and produce unlimited copies of it, and the accompanying

mutations and mutations (taking into account the issue of mutation rate) which may include mutations that give the virus new characteristics that enable it to acquire new pathological characteristics of which consequences are not in the count.

This would transfer the virus from its current form to a deadly form or forms that humanity may not bear its burden and may not be within the spectrum of the human immune system's capabilities to deal with it and the list of possibilities remains open to what its boundaries are unknown. The more numbers of multiplication of the virus and the production of new copies, the more random mutations and with it the possibility of creating copies of the virus with suspicious pathological specifications, or the opposite maybe, that is, producing benign copies that give us positive opportunities to coexist with the virus.

However, logic requires us to take the first possibility to avoid the possibility of the emergence of highly harmful copies of the virus, and that we tend to achieve the herd immunity primarily through vaccination.

