

# Scientific and Technical Application of Cost-Effective Ginger-Bio-Medicines Use as Pandemic-Preventive Natural-Immunity-Booster 'Family-Vaccine'!

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## ABSTRACT

Present 'Flue, Respiratory syncytial virus (RSV)' efforts to prevent infections and keep vulnerable people out of hospital are beginning to pay off, but deploying these strategies presents new challenges. So it is an urgent need to be solved urgently. Primarily, it has been reported that the household common rhizome spice, ginger is very effective against coronavirus pathogens controlling COVID-19 diseases by boosting natural immunity. Here, the COVID-19 case studies in five-member families aged 78+, 67+, 54+, 50+, and 21+ respectively. All have been suffering in ordinary COVID-19 [aged 78+, 67+, 21+] or Long-Covid-19 [50+] except the 54+ year old follow-up colorectal cancer patient. It has been shown that the total cured or prevented coronavirus pathogens by using high-diluted ginger biomedicines prepared from *Zingiber officinale* Rosc. So, it is proved, "Scientific and Technical Application of Cost-Effective Ginger-Bio-Medicines Use as Pandemic-Preventive Natural-Immunity-Booster 'Family-Vaccine' Against Future Pathogens Respiratory Syncytial Virus (RSV) also".

**Keywords:** Scientific-Technical-Application; Ginger-Bio-Medicines; Use; Pandemic-Preventive; Natural-Immunity-Booster 'Family-Vaccine'

## Introduction

Monkeypox, Ebola, Polio, etc., with the most infectious fast-spreading-multiple-variant-pathogens-Omicron-SARS-CoV-2 coronavirus causing COVID-19 pandemic, has severely affected our-lives-nursing-healthcare-socioeconomic and education which has led highest-number-of-Covid-19-deaths due to lack-of-vaccines. Recent 'Flue, Respiratory syncytial virus (RSV)' efforts to prevent infections and keep vulnerable people out of hospital are beginning to pay off, but

deploying these strategies presents new challenges [1-8]. So it is an urgent need to be solved urgently. Primarily, it has been reported that the household common rhizome spice, ginger (Figure 1) is very effective against coronavirus pathogens controlling COVID-19 diseases by boosting natural immunity. It has already been reported that the presence of more than 400 bioactive pharmaceutical compounds, literature collected from the 'Veda' and different sources including PubMed [1-8].



Figure 1: Household ginger, *Zingiber officinale* Rosc. and high-diluted ginger biomedicines.

## Methodology

### Study Samples (Clinical)

Here, the COVID-19 case studies in a five-member vaccinat-

ed-families (Figure 2) aged 78+, 67+, 54+, 50+, and 21+ respectively. All have been suffering in ordinary COVID-19 [aged 78+, 67+, 21+] or Long-Covid-19 [50+] except the 54+ year old follow-up colorectal cancer patient [1-8].



Figure 2: Vaccination of study sample family members against COVID-19 disease.

## Application of Bio-Medicines Doses: *Zingiber officinale*

It has been shown that the total cured or prevented coronavirus pathogens by using high-diluted ginger biomedicines prepared from *Zingiber officinale* Rosc. @1g/100 ml moderately hot drinking water in a big cup, orally administered 3 to 6 times/day depending on the intensity of infection at an interval of 3 hours for at least 15 days with intensive healthcare and nursing [1-8].

## Results and Discussion

Interestingly, the 78+ aged co-morbid cardiovascular urine-and lung-infected pancreatic multiple suffered drug-resistant fevered patient recovered from ICU were staying for 11 days for critical special treatments. The weak patient stayed 5 days in ITU and a general two-bed-cabin for a complete cure. Sixteen days after discharge, the patient was infected with COVID-19 in the home with other three family members and started with high-diluted ginger biomedicines maintaining the schedule so all four family members could prevent the disease due to the presence of more than 400 bioactive pharmaceutical compounds [9-12].

## Conclusion

So, it is proved, "Scientific and Technical Application of Cost-Effective Ginger-Bio-Medicines Use as Pandemic-Preventive Natural-Immunity-Booster 'Family-Vaccine' Against Future Pathogens Respiratory Syncytial Virus (RSV) also". And it's extremely-ultra-low-doses, popular-regular-use-as-traditional-tropical-medicines, easily tackle many diseases and complications, use in different pharmacological medicines preparations, extremely low-toxicity, and potential efficacy, many potential different phytochemicals in a diverse range, eco-friendly-side effects-free, cost-effective, easily prepare-able, easily-available, easily-manufacture-able, easily-equitable, easily-market-able and easily-supply-able, etc. and develop the best quality biomedical and life-scientific information on all aspects of pharmacology and its analytical nanoparticles studies or proper side-effects free effective medicines or drugs also.

## Future Prospects

It may aspire to foster collaborative research advancing disease mechanisms, diagnosing diseases using biotechnological tools, developing therapeutic interventions, and addressing future global health challenges. It is also worth mentioning that the government may consider the "Ginger-Biomedicines as 'Family-Vaccine' Against Any Future Health Diseases" for future scientific & technical research, fu-

ture biodiversity-green environments, preventing future epidemics, agriculture, and future socio-economy, or human health economy, ultimately providing scientific healthcare, and skill development with job facilities where we live is important to ensure proper living conditions for the 'Future India as well as the 'Whole World Improving World Policy' [1-8].

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