

Traditional-And-Black-Ginger-Biomedicines (Tabgbm)' May Be Act as 'Notable-Universal-Preventive-Emergency-Vaccine (Nupev)' Against 'Future-A to Z-Diseases (Fazd)' Enriched 'Clinical-Case-Reports-Medical-Science-Technology-Communication-Research-Innovation-Global-Health-Ecology-Application (Ccrmstrighea)!

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Abstract

Recently, COVID-19 caused mainly by the fast-spreading as compared with primary infections of new variant 'Omicron-SARS-CoV-2, the blind-spots, may have killed nearly 3 million only in India, and the whole world, opening a new chapter that has impacted our lives, and the highest number of Covid-19 deaths due to lack of vaccines gasping for air now. So, it is urgently needed the 'Universal-Preventive-Emergency-Vaccine for All' to tackle the awkward situation. Primarily, it has been already observed that the Ginger-MT-biomedicines, prepared from the rhizome of ginger (*Zingiber officinale* Rosc.), at an extremely-ultra-low-doses, highly effective against coronavirus controlling-COVID-19, and other diseases by increasing natural immunity. Now the aims and objective of the present 'Notable-Case-Reports (NCR)' are to see, record, and confirm the efficacy of the 'High-Diluted-Traditional-Ginger-MT-Biomedicines (HDTGMTBM)', against naturally occurring coronavirus infections or re-infections of the different-COVID-19-areas of the Burdwan-Municipality, Purba Bardhaman, West Bengal, India. And to highlight novel and significant future aspects of the study with the 'Black Ginger', the rhizome of *Kaempferia parviflora*. As a result in the 'New-Year-2022; ""Traditional-And-Black-Ginger-Biomedicines (TABGBM)' May Be Act As 'Notable-Universal-Preventive-Emergency

Vaccine (NUPEV)' Against 'Future-A to Z-Diseases (FAZD)' Enriched 'Clinical-Case-Reports-Medical-Science-Technology-Communication-Research-Innovation-Global-Health-Ecology-Application (CCRMSTRIGHEA)". And in near future, both the Ginger MT-Biomedicines may easily tackle many diseases and complications. I will be 'NUPEV' due to medicines formulations, very-low-toxicity, potential efficacy, and different phytochemicals, eco-friendly-side-effects-free, cost-effective, easily prepare-able, easily available, easily-manufacture-able, easily-equitable, easily-marketable and easily-supply-able, etc. And in the future, it will be 'Policy Initiative Potentially Life-Saving 'Future-A to Z-Vaccine for All'.

Keywords: *Zingiber*; COVID-19; ANOVA

Running Title: 'Ginger-Biomedicines' 'Notable-Vaccine' Against 'Future-A To Z-Diseases'

Introduction

The COVID-19 disease caused by the infection or reinfection of the recent fast-spreading-'Omicron-SARS-CoV-2, the blind-spots, may have killed nearly 3 million only in India, and the whole world, first-time passed one-million per day on an average opening new-chapter in the COVID-19-pandemic, difficult to tackle and tract, and has badly impacted our social lives, education, socioeconomic, etc., and nearly each and every corner of the world, and the highest number of total 850,000 Covid-19 deaths have been reported in the United States, and the rest of the globe have been more than 5.4 million deaths due to lack of vaccines (**Figure 1**) and we are gasping for air, and this 'Omicron-SARS-CoV-2-wave is different from the previous one, and hot spots from New York to Florida to Texas, generally no need to admit in the intensive care units or ventilation or hospitalized (15%), compared with Delta patients 43 % and 55% Alpha patients, and in India's major cities are experiencing nearly 50% or more, 90% in Delhi, increases in cases overnight Omicron attack, just a few months after the deadly Delta attack, and the 15,000 cases in Mumbai reported, and the World Health Organization said that the Omicron is peaking, and more than half of those in Europe could be infected with Omicron in the next six to eight weeks [1-6]. Now the "Universal-Coronavirus-Vaccines OR the Booster-Vaccine" may be solved the recent crisis [7, 8]. It has been already observed that the biomedicines-*Zingiber officinale* Rosc. At an extremely ultra-low-dose, prepared from the rhizome of ginger, a promising drug of choice for COVID-19 by increasing natural immunity [9-13]. Still, now, the vaccines were also not equally available globally, as the majority of them were distributed in middle- and high-income countries. So, in the 'New Year 2022' preventing shortfalls that impact a global crisis on sustainable development, it has been tried that the global vaccine will be more equitable clinically important 'Notable-Clinical-Research-Notes' preventing the bad-wave 'Omicron' [14-16]. It is also noted that ginger is a rich source of different bioactive compounds controlling different diseases due to the presence of effective immunity-boosters; antiviral activity against SARS-CoV-2, Influenza virus, Herpes simplex virus, Human respiratory syncytial virus, and hepatitis C virus, etc. [17].



Plate 1: Rhizomes of common ginger (*Zingiber officinale* Rosc.) and black ginger (*Kaempferia parviflora*)

Preparation of Ultra-High-Diluted Biomedicines-Liquid (UHDBML)

The ultra-high-diluted Ginger-Biomedicines-Liquids (UHDBML); Ginger 30C, Ginger 200C, and Ginger 1000C, were prepared from a few drops of a liquid potency of Ginger 30C, Ginger 200C, and Ginger 1000C, and ultra-high-diluted Black-Ginger-Biomedicines-Liquids (UHDBGBML); maybe prepared Black-Ginger 30C, Black-Ginger 200C, and Black-Ginger 1000C, following same procedure after getting permission from the concerned authority if applicable [9-12,17,19-21].

Preparation of Ultra-High-Diluted Biomedicines-Globules (UHDBMG)

The aims and objectives of present studies are to find out or record randomly different clinical cases to see, observe, highlight, and confirm the efficacy as-'Notable-Clinical-Research-Notes' with the treatment Ginger MT-biomedicines, prepared from the rhizome (**Plate 1**) of traditional common ginger (*Zingiber officinale* Rosc.), at extremely low doses, in the different COVID-19- treatments areas; individual, family, and different community, etc. of the Burdwan Municipality, Purba Bardhaman District, West Bengal, India. And it will be highlighted novel and significant ideas for the future aspects of the study with the 'Black Ginger', the rhizome of *Kaempferia parviflora*, forming the 'Notable-Universal-Preventive-Emergency-Vaccine (NUPEV)' Against 'Future-A to Z-Diseases (FAZD)' in the 'New Year 2022' distributing equally, and preventing shortfalls and global crisis, and oath ourselves "Vaccine equity: there is no time to waste" [18].

Materials and Methods

Preparation of High-Diluted Biomedicines Powder

The high-diluted Ginger MT-Biomedicine (HDGMTBM) was prepared from air-dried powdered (**Plate 1**) of the ginger rhizomes; *Zingiber officinale* Rosc., extracting with 90% ethanol, forming residue or high-diluted Ginger MT Biomedicine powder (HDGMTBMP), and the high-diluted-Black-Ginger MT Biomedicine powder (HDBGMTBMP) may be prepared from the rhizomes of *Kaempferia parviflora*, following same procedure after getting permission from the concerned authority if applicable [9-12, 17, 19-21].

Preparation of High-Diluted Biomedicines MT

The high-diluted Ginger MT-Biomedicine (HDGMTBM) was prepared from air-dried powdered rhizomes (**Plate 1**) of the ginger rhizomes; *Zingiber officinale* Rosc., extracting with 90% ethanol, forming residue which was diluted in 90% ethanol at 1mg/ml concentration, and the high-diluted-Black-Ginger MT-Biomedicine (HDBGMTBM) may be prepared from the rhizomes of *Kaempferia parviflora*, following same procedure after getting permission from the concerned authority if applicable [9-12,17,19-21].

The ultra-high-diluted Ginger-Biomedicines-Globules (UHDBMG); Ginger 30C, Ginger 200C, and Ginger 1000C, were prepared by soaking the few drops of a liquid potency in the proportion of 7.2 mg globules/ml of Ginger 30C, Ginger 200C, and Ginger 1000C, and following same procedure ultra-high-diluted Black-Ginger-Biomedicines-Globules (UHDBGBMG); Black-Ginger 30C, Black-Ginger 200C, and Black-Ginger 1000C were prepared [9-12,17,19-21].

Samples

The samples were the different individual members, family members, and community members as samples of COVID-19 patients of the containment zones or infected zone or reinfected zones of the Burdwan Municipality as well as Purba Bardhaman District [9-12, 15-54].

Treatments Sample Groups and Duration

The treated samples were the general patients of the (I)-'Burdwan Medical College and Hospital (BMCH), coming from different areas of Purba Bardhaman District and the outsider of adjacent District as well as another state also, different COVID-19-patients of (II)-'Containment Areas' (CA) of Purba Bardhaman District, students, parents/guardians, and family members of (III)-'Kanchannagar D.N. Das High School (HS)' (KDNDHS), Kanchannagar, Burdwan Municipality, Purba Bardhaman, West Bengal, India from the onset of COVID-19, March 2020 to the end of fast-spreading of COVID-19, December 2021 [9-12,17,19-21].

Assistance of Treatments

Under the instruction of the Hon'ble District Magistrate of Purba Bardhaman, and under the assistance of the Hon'ble Chief Medical Officer, Burdwan Medical College and Hospital and (BMCH AND CMOH) providing the rapid antigen kits for the COVID-19 infected and comorbid patients, the treatments and visits were done at random in the different sample areas by the Hon'ble treating doctors of; Dr. Dipanwita Malick, MBBS, and eminent Senior Consultant Physician, Dr. Ranjan Mukherjee, M.B.B.S., M.D., District Coordinator of Sishu Sathi Scheme at Department of Health and Family Welfare, Purba Bardhaman, Burdwan-713102, West Bengal, India, and the Hon'ble special guest doctor, eminent Senior Consultant Physician & Cardiologist Dr. Tushar Kanti Batabyal, M.B.B.S., M.D., Ex-Clinical Tutor of the Burdwan Medical College & Hospital, Government of West Bengal, India, with the help of; the Hon'ble Secretary, Mr. Rakesh Khan, M.A., B.Ed., (Gold Medalist), and the Hon'ble President, Mr. Subhendu Bose, with all Young Green-Members of the —International NGO named Burdwan Green Haunter and Students' Goal, the secondary- and higher secondary-students, and the energetic community volunteer. The whole schedule was guided and led by Dr. Subhas Chandra Datta, Headmaster, Secretary, Coordinator, and Researcher of Kanchannagar D.N.Das High School (HS), and the treatment was randomized by using a completely randomized block design and guidance, and the rest of the general sample 100%-communities of Purba Bardhaman District, were treated as 'Control Treatments Groups (01year to 99 years)' [9-12], and all the information was counted for statistical analysis by the analysis of variance 'ANOVA' (P<0.01).

General Symptoms

The observation of main symptoms is fever, cough, tiredness, loss of taste or smell, sore throat, headache, aches, and pains, diarrhea, a rash on the skin, or discoloration of fingers or toes, red or irritated eyes, etc. [9-12,17,19-21]. All the information was counted for statistical analysis by the analysis of variance 'ANOVA' (P<0.01).

Doses of Treatments

The treatments were done @ 10-20 drops of the high-diluted-biomedicine Ginger MT (HDBMGMT), is mixed @ 50ml-100ml (a half to a full cup) of moderately hot sterile-distilled-or pure-drinking-water or tea or milk, orally administered @ 5-8 times/day at an interval of 1-2hrs, after taking any kinds of nutritious biomedicine-enriched-food against naturally occurring coronavirus infections or re-infections, 45-60 days before symptom onset OR illness onset (as a vaccine) OR onset of symptoms where patients in hospital-associated COVID-19 infections have been reported (treatments), and the dose may be increased depending on the intensity of diseases in case of treatment advised by doctors [9-12,17,19-21]. All the information was counted for statistical analysis by the analysis of variance 'ANOVA' (P<0.01).

Types of Treatments

Four types of treatments; oral, nasal, and vaporized, were followed or applied with HDBMGMT –Soaked-N95-Mask for the 'Notable-Clinical-Research' [9-12, 17, 19-21].

Oral treatments; were done @ 10-20 drops-HDBMGMT/50ml-100ml (a half to a full cup) drinking-water@ 5-8 times/day at an interval of 1- 2hrs.

Nasal treatments; were collected from 'oral treatment solution' and were done @ 1-2 drops-HDBMGMT/nostril@ 5-8 times/day at an interval of 1- 2hrs.

Vaporized treatments; were done @ 10-20 drops-HDBMGMT/100ml-200ml (1-2 full cup) hot-pure-water@ 5-8 times-inhalation/day at an interval of 1- 2hrs.

Medicines-Soaked-N95-Mask; were prepared @ 10-20 drops-HDBMGMT/50ml-100ml pure-water soaked@5-10 mask.

Data Collection and Records Maintenance

All the data was collected from; the treating doctor, individual, NGO, students, and the different webpage [9-12, 17, 19-21]. The higher secondary (H.S.) students collected data from the communities treatments groups maintaining records of the data for statistical analysis by the analysis of variance 'ANOVA' (P<0.01).

Science Technology Communication Applications (STCA)

The NGO-Burdwan Green Haunter and Students'Goal with the different communities, scholars, researchers, artists, teachers, staff, community, photographers, different scientists, academicians, clinicians, administrators, institutions, farmers, and media personnel, visited making the news and published in different medical journals [9-12, 17, 19-21].

Protocols

The school students, NGOs, and different young volunteers organized many social-awareness virtual camps (VC) among the communities in different ways; using masks mandate, cleaning hands with soap, maintaining physical distance, and avoiding touching eyes-nose-mouth, etc. [9-12,17,19-21].

Notable-Clinical-Research-Notes

All the important notes were collected by Dr. Subhas Chandra Datta from the Hon'ble treating doctors of; Dr. Dipanwita Malick, MBBS, and eminent Senior Consultant Physician, Dr. Ranjan Mukherjee, M.B.B.S., M.D., District Coordinator of Sishu Sathi Scheme at Department of Health and Family Welfare, Purba Bardhaman, Burdwan-713102, West Bengal, India, and all the data were also try to clarify by Dr. Subhas Chandra Datta [9-12, 17, 19-21].

Results

Table 1 showed the clinical research notes of high-diluted-biomedicines-Ginger MT as preventive as well as treated biomedicines on family and community against COVID-19 or reinfection; I-Notable-Clinical-Research- Treatments-Notes-Groups, II-Notable-Clinical-Research-Treatments-Notes-Groups, and III-Notable-Clinical-Research-Treatments-Notes-Groups i.e. average treatment/control age groups (01-99 years) of the different family and communities treatment group's family members regarding the infection or reinfection of coronavirus 2 / omicron of the families in the community of Burdwan Municipality, Bardhaman-I, and Bardhaman –II, Purba Bardhaman, from March 2020 to December 2021, and all the data were significant difference by the analysis of variance 'ANOVA' (P<0.01). All the treatments of 'high-diluted-biomedicines-Ginger MT' total age group 01-99 years' showed more than 96% -absolute recovery in-home quarantine where active or

passive infection or reinfection occurred after preventive- high-diluted-biomedicines-Ginger MT. The treatment of ‘Burdwan Medical College and Hospital (BMCH)- Notable-Clinical-Research- Treatments-Notes-Groups’ showed the lowest active and passive reinfection after the preventive-‘high-diluted-biomedicines Ginger MT’. The treatment of ‘Kanchannagar D.N. Das High School (HS)-Notable-Clinical-Research-Treatments-Notes-Groups’ received the highest active infection

/reinfection (though the highest passive infection/reinfection received in ‘Containment Areas- Notable-Clinical-Research-Treatments-Notes-Groups’), and mortality occurred less than 4% aged-and-co morbid, heart and diabetic patient, and no mortality happened due to effective preventive –HDBMGMT (‘high-diluted-biomedicines-Ginger MT’), following the Covid-19 status of Purba Bardhaman District and others (Figure 1:from Web Pages).

Daily Press Briefing
 Purba Bardhaman
 Date: 12/01/2022 (Up to 5.00 P.M.)
 (Report to be send by 7.00 P.M Daily)

Part – I: Related to COVID-19

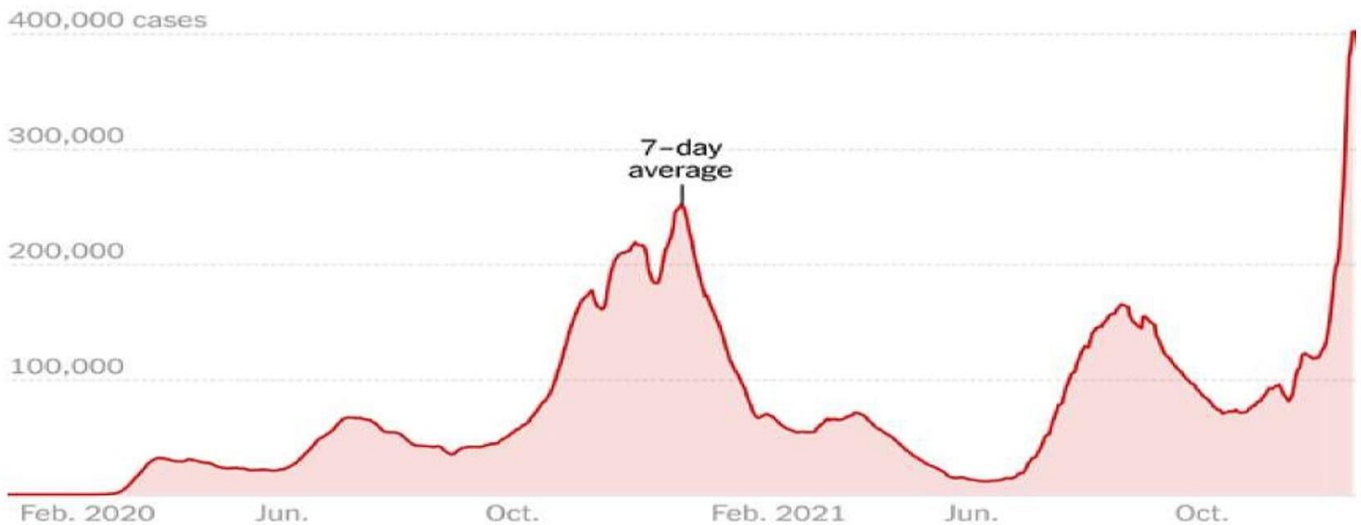
i)	Total No. of COVID Positive Patients found on the day of reporting *	: 770
ii)	Total no of COVID positive patients**	: 45696
iii)	Total no of active patients as on today***	: 3575
iv)	Total no of discharged cases	: 41622
v)	Total no of COVID death recorded	: 499
vi)	Rate of Recovery# (Percentage)	: 91.08
vii)	Rate of Mortality# (Percentage)	: 1.09
viii)	Current Positivity Rate (last 7 days)# (Percentage)	: 16.50
Testing status : RTPCR + RAT		
xi)	Total no of Sample collected	: 874706
xii)	Total no of Sample tested	: 872543
xiii)	Total no of Positive cases	: 38907 (+53 repeat +Ve)
xiv)	Total no of negative Cases	: 833583
Containment Zone status :		
xv)	Total no of Containment Zone as on today	:
xvi)	Total no of containment withdrawn	:
Analysis of Positive Persons Details : On date – Positive-		
xvii)	Total No. of Migrant (Other State + Other Dist. of WB):	: 00
xviii)	No. of Persons in Safe House:	: 00
xix)	No. of Person in Covid Hospital:	: 01
xx)	No. of Persons in Home Isolations:	: 769
Report on Sample Collection and Testing(On Date):		
xxiii)	Antigen Test	: 1593
xxiv)	RT-PCR Test	: 990
xiv)	Test Result within 24 Hrs.	: 1683 (RAT-1593+ RTPCR-90)

Part- II:

Distribution of COVID Positive Cases found on 12/01/2022

Aushgram -I	28	Galsi-II	17	Ketugram-I	18	Mongolkote	8	Burdwan Municipality	220
Aushgram -II	1	Jamalpur	17	Ketugram-II	9	Purbasthali-I	12	Dainhat Municipality	10
Bhatar	20	Kalna-I	33	Khandoghosh	18	Purbasthali-II	28	Guskara Municipality	20
Burdwan-I	20	Kalna-II	18	Manteswar	6	Raina-I	27	Kalna Municipality	26
Burdwan-II	60	Katwa-I	18	Memari-I	24	Raina-II	15	Katwa Municipality	27
Galsi-I	2	Katwa-II	6	Memari-II	28	Other District	26	Memari Municipality	8

Analysis on COVID +Ve Cases on 12/01/2022		*COVID Positive as on today	**Total Positive Cases
Type	Symptomatic	01	4388
	Asymptomatic	769	41308
Total		770	45696
Contact Analysis	Primary Contact	00	1635
	Travel from High Burden Dist. of W.B.	00	217
	Travel from Other State	00	435
	No Travel History	770	43409
Total		770	45696



Daily reported coronavirus cases in the United States, seven-day average. The New York Times

Figure 1: Covid -19 report of Purba Bardhaman and United States (from Web Pages)

Potential absolute immunization occurred in all ‘Notable-Clinical-Research- Treatments-Notes-Groups’ due to effective-HDBMGMT and natural immunity. It is noted that the COVID-19 was affected different

people in different ways. Most infected people would be developed asymptomatic (57%) or mild to moderate illnesses (21%) and would be recovered 94% without hospitalization (Table 1).

And in the rest of the general 100% average control age groups (01-99 years) of the different family and communities group’s family members of Purba Bardhaman District, showed the 92.98% to 93.53% -recovery after hospitalization in comparison with the preventive-HDBMGMT-treatment group within the stipulated time, and all were also counted for statistical analysis by the analysis of variance ‘ANOVA’, where 6.47% to 7.02% died in aged-and-comorbid, heart-and –diabetic, and COVID 19 patient with asymptomatic or mild to moderate illness and recovered after hospitalization within the same period from March 2020 to December

2021, where the most common symptoms were: fever, cough, tiredness, loss of taste or smell, and the less common symptoms were: sore throat, headache, aches, and pains, diarrhea, a rash on the skin, or discoloration of fingers or toes, red or irritated eyes, following the Covid -19 status of Purba Bardhaman District and United States (Figure 1: from Web Pages). It is interesting that the last Covid-wave is the fastest transmissible and infective but less detrimental in all respect in both preventive-HDBMGMT- treatment/control groups (Table 1).

Notable-Clinical-Research-Notes-Treatments / Control Samples Groups (01-99 years)	Treated and Visited Burdwan Municipality, Burdwan-I & Burdwan-II: March 2020 to December 2021						Notable-Clinical-Research-Remarks	
	Average Number of Family	Average Number of Family Members	Percentage of COVID-19 Active Patients	Percentage of COVID-19 Passive Patients	Percentage of Home Quarantine	Percentage of Recovery		
I : Notable-Clinical-Research- Treatments-Notes-Groups	1208.83a ±00.03	6044.13ax ±00.11	727.11ay ±13.11 (12%)	1450.59bz ±00.11 (24%)	1934.12bz ±00.02 (32%)	5681.48az ±00.16 (94%)	Only 4% mortality of aged-&-co morbid, heart-&-diabetic patient, 2% mortality due to increase effective preventive biomedicines & natural immunity	
II : Notable-Clinical-Research- Treatments-Notes-Groups	751.83b ±00.01	3007.31bx ±00.17	631.54by ±00.12 (21%)	2375.77az ±00.07 (79%)	2947.16ax ±00.12 (98%)	2766.73bx ±00.11 (92%)	4% died due to heart attack, & only 4% mortality due to effective preventive biomedicines	
III : Notable-Clinical-Research- Treatments-Notes-Groups	410.40c ±00.02	1231.18cx ±00.02	393.98cy ±00.24 (32%)	837.20cz ±00.22 (68%)	1218.87cx ±00.12 (99%)	1181.93cx ±00.11 (96%)	Died 4% aged-&-co morbid, heart-&-diabetic patient, & no mortality due to effective preventive biomedicines	
Total Average Notable-Clinical-Research-Treatments-Notes-Groups (01-99 years)	100%	100%	21.67%	57.01%	76.34%	94%	Potential 94% immunization due to effective biomedicines & natural immunity. And most infected people will develop mild to moderate illness and recover without hospitalization.	
Total Average Notable-Clinical-Research-Control-Notes-Groups (01-99 years)	March -2020	100%	100%	04.87%	75.56%	74.21%	92.98%	Died 7.02% aged-&-co morbid, heart-&-diabetic, & COVID 19 patient
	December-2021	100%	100%	0.21%	99.79%	88.01%	93.53%	Died 6.47% aged-&-co morbid, heart-&-diabetic & COVID 19 patient with mild to moderate illness and recover with hospitalization.

a,b,c’- different small letters in a column, and ‘x,y,z’ different small letters in a row show significant difference by the analysis of variance ‘ANOVA’ (P<0.01).

Table 1: Clinical research notes of high-diluted-biomédicines-Ginger MT on different community against COVID19

Discussion

All the treatments groups of all the age groups on family and community against COVID-19 showed the absolute recovery only in-home quarantine due to treatment with the preventive-HDBMGMT (‘high-diluted-biomédicines-Ginger MT’) on family and community against COVID-19 which contains many active effective phytoconstituents or bioactive compounds, and it provides booster immunity or hard immunity or innate immunity preventing also many diseases; analgesic, diuretic, antifungal, vermifuge, antiulcer, laxative, antiviral, asthma, ulcers, diarrhea, swelling of the mouth or throat, and high cholesterol and

hypertension, hepatoprotective and antioxidant activities. For these reasons, all the treatment treatments age groups, 1year to 99 years’ showed more than 96% -absolute recovery only in-home isolation or home quarantines were active or passive infection or reinfection occurred after preventive—HDBMGMT. And it may develop the blueprint with the help of ‘Students-NGO-Model etc., for potential diagnostics, booster vaccines, and therapeutics against novel coronavirus-2 or omicron or future A to Z disease [9-12, 22-61].

It was remarkable that the highest passive infection/reinfection due to the potential effects of preventive-HDBMGMT. So the potential very old

traditional cost-effective side-effect-free environment-friendly easily prepare-able easily-manufacture-able equitable-marketable easily-available and supply-able, the best quality-nanoparticles-biomedical-HDBMGMT at extremely low doses, “From Vaccine-Nationalism-to-Vaccine-Equity— Finding a Path-Forward”, and it will resist COVID vaccine hesitancy against new variants, the ‘Omicron’ that has long been recognized as a problem in high- and middle-income nations of the world’s poorest countries, lack of access to vaccines [62]. And the Ginger MT-biomedicines will be ‘Universal Future Diseases Model’ like “Only wildlife conservation may be future omicron-like-preventive-epidemic-covid-19-model enriched forestry- horticulture-agriculture-environment-health-biodiversity science-technology-communication-application-issues” [63].

So, it confirms the efficacy as-‘Notable-Clinical-Research-Notes’ with the treatment Ginger MT-biomedicines, prepared from the rhizome (**Plate I**) of traditional common ginger (*Zingiber officinale* Rosc.), at extremely low doses, in the different COVID-19- treatments areas; individual, family, and different community, etc. of the Burdwan Municipality, Purba Bardhaman District, West Bengal, India. And it is highlighted novel and significant ideas for the future aspects of the study with the ‘Black Ginger’, the rhizome of *Kaempferia parviflora*, forming the ‘Notable-Universal-Preventive-Emergency-Vaccine (NUPEV)’ Against ‘Future-A to Z-Diseases (FAZD)’ in the ‘New Year 2022’ distributing equally, and preventing shortfalls and global crisis, and oath ourselves “Vaccine equity: there is no time to waste” [18].

Conclusion

The ‘Traditional-And-Black-Ginger-Biomedicines (TABGBM)’ May Be Act as ‘Notable-Universal-Preventive-Emergency-Vaccine (NUPEV)’ Against ‘Future-A to Z-Diseases (FAZD)’ Enriched ‘Clinical-Case-Reports-Medical-Science-Technology-Communication-Research-Innovation-Global-Health-Ecology-Application (CCRMSTCRIGHEA)’. And in near future, both the Ginger MT-Biomedicines may easily tackle many diseases and complications. I will be ‘NUPEV’ due to medicines formulations, very-low-toxicity, potential efficacy, and different phytochemicals, eco-friendly-side-effects-free, cost-effective, easily prepare-able, easily available, easily-manufacture-able, easily-equitable, easily-marketable and easily-supply-able, etc. And in the future, it will be ‘Policy Initiative Potentially Life-Saving ‘Future-A to Z-Vaccine for All’. And in the ‘New Year 2022’ distributing equally, and preventing shortfalls and global crisis, and oath ourselves “Vaccine equity: there is no time to waste”.

Conflict of Interest

The authors declare no conflicts of interest here and the manuscripts is written by the author itself.

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Reference

- Cohen J. (2022). COVID-19 may have killed nearly 3 million in India, far more than official counts show. Science.
- Abu-Raddad LJ, Chemaitelly H, Bertollini C. (2022). Severity of SARS-CoV-2 Reinfections as Compared with Primary Infections. N Engl J Med. 2(385):2487-2489.
- Maxmen A. (2021). Omicron blindspots: why it’s hard to track coronavirus variants. Nature. 600:579.
- Karim SSA, Karim QA. (2021). Omicron SARS-CoV-2 variant: a new chapter in the COVID-19 pandemic. Lancet. 398:2126-228.
- Maxmen A. (2021). Omicron blindspots: why it’s hard to track coronavirus variants. Nature. 600:579.
- The New York Times. (2022). the Covid-19 Pandemic. Updated Jan. 1-11:2022.
- David MM, Jeffery KT, Anthony SF. (2022) Universal Coronavirus Vaccines — an Urgent Need. New England Journal of Medicine.
- Schmidt F, Muecksch F. (2021). Plasma Neutralization of the SARS-CoV-2 Omicron Variant. The New England Journal of Medicine.
- Datta SC, Mukherjee R. (2021). High-Diluted-Potential-Internal-Biomedicines Zingiber officinale Extract Prevent 21st-Century Pandemic: Enriched Drugs Health Socio-Economy! United Journal of Internal Medicine. V1(3):1-4.
- Datta SC. (2021). Vaccine-Passport Bio-Medicinal-Meals Prevent Reinfection-Coronavirus-2: Improved Global-Health-Clinical-Drug-Discovery-Education-Research Socio-Economy-Science-Technology-Communication-Application! Aditum Journal of Clinical and Biomedical Research. 2(3):1-7.
- Datta SC. (2021). Sustainable Reopening of School Preventing Reinfection-Coronavirus 2 in New-Normal by Vaccine-Nationalism-Equity-Passport with Ginger-Drinks-Bio-Medicinal-Mid-Day-Meals! International Journal of Research-Granthaalayah. 9(5):165-170.
- Datta SC. (2021). Dinna Nath Das-Middle English School and – Dispensary Act As a Model: The 21st-Century-Coronavirus-2 Resistance-Futuristic-Common-Ecofriendly-Complex-Green-Digital-School-Health-Ecosystem by Bio-Medicine-Vaccine-Nationalism-Equity-Passport. SunText Rev Arts Social Sci. 2(1):117-224.
- Rathinavel T, Palanisamy M, Palanisamy S, ubramanian A, Thangaswamy S. (2020). Phytochemical 6-Gingerol – A promising Drug of choice for COVID-19. Int. J. Adv. Sci. Eng. 6 (4): 1482-1489.
- Cohen J. (2021). Effort to address global vaccine shortfalls envisions a more equitable new year. Science Insider.
- Filho LW, Price E, Wall T, et al. (2021). COVID-19: the impact of a global crisis on sustainable development teaching. Environ Dev Sustain. 23: 11257-11278.
- Kupferschmidt K, Vogel G. (2022). Omicron cases are exploding. Scientists still don’t know how bad the wave will be. Science.
- Singh NA, Kumar P, Jyoti, Kumar N. (2021). Spices and herbs: Potential antiviral preventives and immunity boosters during COVID-19. WILEY. Phytotherapy Research. 1-13.
- Bansal A. (2022). Vaccine equity: there is no time to waste. Bull World Health Organ. 100(1):2.
- Saokaew S, Wilairat P, Raktanyakan P, Dilokthornsakul P, Dhippayom T, Kongkaew C, et al. (2017). Clinical Effects of Krachaidum (*Kaempferia parviflora*): A Systematic Review. J Evid Based Complementary Altern Med. 2017 Jul; 22(3): 413-428.
- Sookkongwaree K, Geitmann M, Roengsumran S, Petsom A, Danielson UH. (2006). Inhibition of viral proteases by Zingiberaceae extracts and flavones isolated from *Kaempferia parviflora*. Pharmazie. 2006 Aug; 61(8):717-21.

21. Toda K, Hitoe S, Takeda S, Shimoda H. (2016). Black ginger extract increases physical fitness performance and muscular endurance by improving inflammation and energy metabolism. *Heliyon*.
22. Datta SC. (2020). Okra Maybe Potential Cost-Effective Personalized-Biomedicines Social-Vaccine against COVID-19: Improved Immunity Food-Security Green-Economy Science-and-Technology-Communication Applications. *Innovative Journal of Medical Sciences*. 4(2):5-20.
23. Datta SC. (2020). Potential Policy-Developed Global-COVID-19 Vaccine: Enriched Medical Sciences and Technology Green-Socio-Economy. *Cross Current International Journal of Medical and Biosciences*. 2(10).
24. Datta SC. (2020). Intercropped Cowpea Maybe Use as Biomedicine Improved Immunity against COVID-19: Enriching Science and Technology Communication Applications Food Security Economy. *Diagnosis and Therapies Complementary and Traditional Medicine*. 2020(1):35-48.
25. Datta SC. (2020). Weeds-Vegetables and Fruits Act as Potential Biomedicines against COVID-19: Enriched Agriculture Biodiversity Socio-Economy Science Technology Communications by Controlling Plants Diseases. *Journal of Experimental Biology and Agricultural Sciences*.
26. Datta SC. (2021). Weed-Plant Act as Vaccine against Plant-and-COVID-19 Diseases: Enriched-Agriculture-Health-Development Socio-Economy Sciences-Technology-Communication-Application. *International Journal of Pharmaceutical Sciences and Clinical Research*. 1(1):1-17.
27. Datta SC. (2021). Amaranth Plant Protects Climate-Health-Development Socio-Economy Sciences-Technology-Communication: Act as Potential Biomedicine-Vaccine against Plant and 21st Century-Epidemic COVID-19 Diseases. *Expert Opinion Environ Biology*. 10:1.
28. Datta SC. (2021). High-Diluted-Biomedicines Turmeric Extract (TE) Act As Preventive Policy- Developer-Potential-21st-Century-Pandemic COVID 19 Vaccines: Achieved Community-Medicine-Public-Health-Ecology-Green-Socio-Economy-Welfare-Science-Innovations-Technology-Communication-Applications-Issues! *Arch. Com. Med. Pub. Health*. 7(2):164-174.
29. Datta SC. (2021). Students Act as 21st Century Preventive-Pandemic-COVID-19 Model: Improved Advance-Clinical-Toxicology Biomedicine Green-Socio-Economy Science-Technology-Innovations. *Advances in Clinical Toxicology*. 6(1):000204.
30. Datta SC. (2020). Biomedicines-Cina against COVID-19: Controlled Plant Diseases Enriched Science and Technology Communication Green Economy. *The International Journal of Research –GRANTHAALAYAH*. 8(9):234-255.
31. Datta SC. (2020). Biomedicines-Aakashmini Cost-Effective COVID-19 vaccine: Reduced Plant-Diseases Enriched Science Technology Communications Socio-Economy Bio-Applications. *Global Journal of Bioscience and biotechnology*. 9(4):127-144.
32. Datta SC. (2020). Cina-Pretreatments Act as Potential-Biomedicine-Vaccine against COVID-19 and Okra-Plant-Diseases: Synthesis PR-Proteins Increased-Immunity Improved Biomedicines-Economy Applications Science-Technology-Communications. *International Journal of Ayurveda*. 5(12):05-26.
33. Datta SC. (2020). Artificial-Nest Rainwater-Harvesting with Fishery and Floating-or-Rooftop-Gardening Act as 21st Century Civil-Engineering COVID-19 Epidemic-Model: Improved Biodiversity Agriculture Socio-Economic Environmental-Sciences Technology-Communication. *Journal of Civil Engineering and Environmental Sciences* 6(2):022-036.
34. Datta SC. (2020). Homeopathic Medicines Aakashmoni Will Be the Best Vaccine against COVID-19: Enriching Agriculture Science and Technology Communication Mechanism Application Issues! *International Journal of Research –GRANTHAALAYAH* 8(11): 333-361.
35. Datta SC. (2021). Immediate apply ultra-high-diluted Aakashmoni as a cost-effective Vaccine against COVID-19 at an extremely-low-doses: Enriched Science-Technology-Communication-Applications-Economy-Issue! *International Journal of Engineering and Science Invention (IJESI)*.
36. Datta SC. (2021). Only Environmental Science Act as Natural Bio-medicine Preventive Epidemic Model of 21st Century Pandemic Diseases. *Editorial, Environ. Sci. Ind. J* 17(1):177.
37. Datta SC. (2021). Immediate apply cost-effective easily preparable-available 21st century potential –ayurvedic-herbal-integrative-medicine-vaccine of COVID-19: achieved agriculture healthcare-socio-economy science technology communication mechanism! *International Journal of Research-Granthaalayah*. 9(1):227-247.
38. Datta SC. (2021). High-Diluted Pharmacological-Potential Biomedicines Prevent 21st Century COVID-19 like Pandemic: Improved Drugs-Research Biodiversity Agriculture Socio-Economy. *Editorial, American Journal of Pharmacology*. 4(1):1031.
39. Datta SC. (2021). Nematode Extract and Acaciasides Use as Preventive Biomedicines Against Plant Diseases: Improved Earth-Environmental-Health-Research Science-Technology-Communication and May be Controlled 21st-Century Pandemic Diseases! *Eart & Envi Scie Res & Rev*. 4:55-60.
40. Datta SC. (2021). Animal-Biomedicine Controls Root-Knot-Disease in Lentil-Callus-Culture: Enriched Advanced-Clinical-Toxicology Socio-Economy Science-Technology-Communication by Preventing 21st-Century-COVID-19-Like-Pandemic-Diseases. *Advances in Clinical Toxicology*. 6(2): 000214.
41. Datta SC. (2021). Biomedicines Suppress Root-knot Disease of Tomato and Coronavirus-Like-Pandemic-Diseases: Improved Agriculture Green-Socio-Economy Aquatic-Science-Technology-Communication! *Journal of Agriculture and Aquatic Science*. 1:08-10.
42. Datta SC. (2021). Enriched Agriculture Horticulture Science Technology Socio-Economy-Communication-Issue by Biomedicines Suppressing Tomato-Disease and Coronavirus2-Like-Pandemic-Diseases! *Journal of Agriculture and Horticulture Research*. 4(2):74-77.
43. Datta SC. (2021). Genetic Basis of Nematode Extract May Be Preventive-Biomedicines Against Coronavirus-2 by Controlling Root-Knot-Disease of Cowpea-Root-Callus: Enriched Agriculture Clinical Medical-Science-Technology-Communication! *Global Journal of Clinical and Medical Case Reports* .1(1): 010-018.
44. Datta SC. (2021). Animal-Biomedicines Prevent Disease of Tomato and Coronavirus-Like-Pandemic-Diseases: Enriched Agriculture Socio-Economy Science-Technology-Communication-Issues! *Merit Research Journal of Microbiology and Biological Sciences*. 9(3):1-4.
45. Datta SC. (2021). Genetic effects of the biomedicines Gall MT (GMT) on advanced agronomy-plant-breeding-horticulture-environment socio-economy green-science-technology-communication-issues by preventing okra root-knot and COVID-19! *Adv. Agro. Pl. Breed. Horticulture*. 9 (3):1-14.
46. Datta SC. (2021). Genetic Effects of Ultra-High-Diluted-Biomedicines Gall 30C, Gall 200C, and Gall 1000C May Be a Vaccines Against Plant and COVID-19 Diseases: Improved

- Agriculture-Health-Medical-Pharmaceutical-Science-Technology-Communication-Issues! Journal of Drug Research and Development. 7(2).
47. Datta SC. (2021). Genes of Gall 200C and Nematode 200C May Develop Biomedical Vaccines Against Plants and COVID-19 Diseases: Advanced Medical Science Technology Agriculture Health Issues. Journal of Biomedical and Life Sciences. 1(1): 22–37.
 48. Datta SC. (2021). Biomedicines Improved Food-Security Sustainability Agriculture-Biodiversity Socio-Economy Science-Technology-Communication: Preventing Root-Callus, Plant-Diseases and COVID-19! LJMHR, London Journals Press. 21(4): 1-100.
 49. Datta SC. (2021). *Artemisia nilagirica* will be the Best Vaccine against Okra and COVID-19: Enriched Agriculture Medical-Science Technology-Mechanism Applications! IASR Journal of Medical and Pharmaceutical Science (IJMPS). 1(2): 26-43.
 50. Datta SC. (2021). Mulberry-Gall MT (MGMT) Biomedicines Maybe Act as a Vaccine Against Coronavirus-2 and Mulberry Pathogens: Advancing Sericulture-Agriculture-Agro-Forestry-Environment-Biodiversity-Wildlife-Conservation-Science-Technology-Communication! Agricultural Research Pesticides and Biofertilizers. 2(4).
 51. Datta SC. (2021). Economic okra plant act as a preventive-COVID-19 vaccine advanced horticulture agriculture environment biodiversity conservation science technology communication applications issues. Hort Int J Med. 5(6): 211-220.
 52. Datta SC. (2020). Enriched Science and Technology Communication Economy in Agriculture by Use of Acacia sides as Potential Bio-Agents against Various Pathogens. Advances in Agriculture, Horticulture and Entomology. 2: 1-13.
 53. Datta SC. (2020). Discovery of COVID-19 Vaccine by Using Acaciades as a Phytomedicine Improving Science and Technology Communication Applications- An Ideas. Open Access Journal of Biogeneric Science and Research. 2(1):1-30.
 54. Datta SC. (2020). *Acacia auriculiformis*-Extract Synthesis PR-Proteins Developed Potential Biomedicines-Vaccine against Okra-Diseases and COVID-19: Improved Science Technology Communications Bio-Economy Applications. The International Journal of Research –GRANTHAALAYAH. 8(10):249-270.
 55. Datta SC. (2020). NGO Act as Potential-Policy-Developer Social-Vaccine-COVID-19 Epidemic-Model until Discovery-of-Medical-Vaccine: Achieved Green-Socio-Economic Welfare Science Technology Innovations. Arch Community Med Public Health. 6(2): 225-232.
 56. Datta SC. (2021). Owls and Bats Act as Future ‘Wild X-Disease’ Preventive COVID-19 Non-Medicated Vaccine: Improved Global-Health-Forestry-Agriculture-Environment-Science-Technology-Communication! Global Journal of Science Frontier Research: C Biological Science.
 57. COVID-19: Provide Preventive-Family-Health-Care-Health-Risk-Services-Healthy-Lifestyle Enriched-Wildlife-Conservation-Agriculture-Forestry-Science-Technology-Communication-Application-Issues! Journal of Family Medicine. 8(9): 09.
 58. Datta SC. (2021). Bats Act as a Natural-Booster-Community-Vaccine Against COVID-19. IASR Journal of Medical and Pharmaceutical Science (IJMPS). 1(2):13-25.
 59. Datta SC. (2021). Wildlife Conservation May Be Future Preventive Epidemic COVID-19 Model: Enriched Forestry-Horticulture-Agriculture-Environment-Health-Biodiversity-Science-Technology-Communication-Application-Issues! Horticulture International Journal.
 60. Datta SC. (2021). Wildlife-Owl-Conservation May be Immunized-Community against ‘Future-Disease-X’: Provide Clue Clinical-Biomedical-Research Global-Health-Enriched-Biodiversity-Forestry-Agriculture-Environment-Science-Technology-Communication-Issues! Aditum Journal of Clinical and Biomedical Research. 3(2).
 61. Datta SC. (2021). Wildlife Conservation Act as Future Clinical-Medical Images-Case Reports of COVID-19 Model: Enriched Forestry-Horticulture-Agriculture-Environment-Health-Biodiversity-Medical-Science-Technology-Communication-Application-Issues! Journal of Clinical and Medical Images, Case Reports. 1(1): 1033.
 62. Mallapaty S. (2021). Researchers fear growing COVID vaccine hesitancy in developing nations. Nature News.
 63. Datta SC. (2022). Only wildlife conservation may be future omicron-like-preventive-epidemic-covid-19-model enriched forestry-horticulture-agricultureenvironment-health-biodiversity-science-technology-communication-application-issues. Hort Int J. 2022. 6(1): 6-9.



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