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Ecotechnology of isoprene in curing or preventing diseases in fisheries as environmental biomolecules

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Abstract
At this digital era author finds that digitally in aquatic and terrestrial environments Total Dissolved Solids, TDS and Cation Exchange Capacity, CEC both have significant roles in in fisheries and mankind having negative correlated with growth and fecundity. This present communication stated that Isoprene the smallest unit of Fatty acid and esteem hygienic bio-molecule synthesis as well may negatively correlated with CEC and TDS. Isoprene has got immense antivirus roles in all kinds of fisheries and mankind, hence environmentally can take important role in synthesising Fatty-acid based on environments. Fish fatty acids and phospholipids has very high demand owing to immunity reasons for fish itself and other animals. Often found that Fatty-acid bio-molecules can be treated as antivirus bio-molecules for fisheries and every mankind. Basic unit of fatty acid synthesis is called Isoprene synthesise by plankton population and this nano-particle prevails more in upper surfaces of aquatic environments in tropical fisheries hence all top feeders species namely *Crocodile Fish, Catla catla, Tilapia spp, Puntius spp* etc remain diseases less by virtue of Isoprene bio-molecules present in aquatic environment of tropical climates. Although we may know that fatty bio-molecules may be either environmental Isoprene, Isoprenoids etc, else synthesised within fish species as phospholipids, or else accumulated as feed supplementation to the species in semi-natural fisheries. In second and third instances extraction of fatty-acids bio-molecules from fish species may possible scientifically without absolute fish-catch and every non-fish eater communities may get happier to get fatty-acids from fisheries as valued medicines including anti-virus roles. Ecotechnology reveals naturally prevailing of germs, pathogens or viruses proportionate to the environmental nitrogen sources, and negatively proportionate with simple hydrocarbon, Isoprene found in a research studies of molecular biology and Ayurveda. Ecotechnology relations may say that germs, pathogens naturally can be controlled or prevented. Pathogens prevail more when environmentally available nitrate become more and fats or Isoprene or else hydrocarbon compounds when lesser. Reversed pathogenic control or prevention may be possible when situation become reversed as well viz. germs, pathogens can be restricted when environmental available nitrate become less and fats or Isoprene or else hydrocarbon compounds when prevail more in the environment. All we may know pathogens can be soil, air or may be water-borne in fisheries water borne pathogens exampled with Coliform bacteria is described. This stated phenomena of more the pathogens in the environment with available nitrogen may found true in every environments namely soil, air as well. Also Isoprene and simple hydrocarbon can prevail in all the same stated environments.

Keywords: environmental biomolecules, CEC, *Crocodile Fish, Catla catla, Tilapia spp, Puntius spp*

Introduction
Most pathogens are airborne since air may contain maximum nitrogen derivatives like NO2, NO3 etc and hence inductive to pathogens to the environment with adequate moisture viz. having more than 60 percent relative humidity. This Available nitrogen in air gets more and may form NO_3 and NO_2 Ammonium nitrogen helps pathogens under subsoil anaerobic conditions. Atmospheric available nitrogen may have relations with available nitrogenous compounds in soil and water environments and may pathogens prevail. Author microbial or pathogenic control or prevention can be possible with Isoprene and simplest hydrocarbon found there can be zero pathogen in the environments when Isoprene or hydrocarbon, or fatty foam derivatives found around more than 30 ppm in air or water or may be in soil environments. Beside Isoprene digitally Ayurveda totally can spoil all evil-proteins, *virions, microbes* mere *foreign-proteins*, unlike multi-cellulars, can easily get denatured with plants acids (pH< 6.5) or with plants alkaloids (pH > 8.0) and Isoprene may in between.

This research study found in fisheries and mankind**.** The very well-known fact to mankind is that pathogenic or foreign-proteins, namely virus and bacteria can be denatured with mild Ayurvedic acids or Alkaloids. Ground-truth microbial counts and digital parameters of ecology can find relations viz. machine learning techniques, of departing hydrophilic viruses, microbes with hydrophobicity of hydrocarbons or else reactive Isoprene. In earlier studies author found that hydrocarbon Isoprene the smallest unit of Fats and can be used as non-protein enzyme. Authors are running *Ayurveda* gardens with fascinating species namely *Justasia spp* and *Citrus* plants those are releasing plants acids, Isoprene etc can protect and prevent any viruses with Isoprene instant proofs. May be gene editing of of all evil viruses with Isoprene remains be pre historic and established since Ayurvedic era Modern digital-research of Chromatography, Distillations or digital electronics can find that Isoprene and few others when emitted by plants or algae can prevent viruses and with a fact that oldest prescription of *Ayurveda* may be the worthiest to the mankind. Also natural gene-editing possible with *Ayurveda* science since pre-historic era and re-invented. Today *Ayurveda* science may be as advanced and authentic with perspective to gene editing or gene-therapy. In recent years we find whole world is full panicked with every word-goes starting with viruses, their all kind of mutants etc. However once we take very worthy Isoprene to Terpenoids from plants and Fatty bio-molecules etc. this may be God gifted bio-molecules that prevent and cure virus attack or even its mutants by damaging their genetic traits. Modern Ayurveda says any anomaly in mankind caused by viruses or its mutants can be cured with natural gene-editing plants i.e. *Justicia spp*, with stated Ayurveda science containing Isoprene, acting gene-editing enzyme, non-conventional and non-protein bio-molecule by forming isoprene phosphate reversibly, along with all the precursors of desiring genetic-base materials such as Purine and Pyrimidine obtainable from very popular Alkaloid biomolecules namely Vasicine, Vascineone and Quinazoline, respectively sourced from *Justacia spp*, or else simply fed them with *Citrus spp* or *Switenia mahagony* leaves all this containing Isoprene and hence animals fed gets escaped from any kind of virus diseases. All this Ayurvedic plants since pre-historic era and proven true Ultra natural all the mentioned biomolecules also obtainable at their respective temperature of vapour point (VP) from individual plant extracts. Whereas examples are given with aquatic data of fisheries environments. In recent days digital ecotechnology based reserach studies (*Da*s et all 2020-22 of relevances) are applied to find suitable growth specific to either plants or animals. All individual species biology remains confined certain specific range of pH. Either internally or external cellular and ecological environment. This reserach communication also finds that aquatic microbes remain non-existence beyoynd the range of pH 6.5 to 8.5. Accordingly microbial measures can be possible either any cell to grow or to make any evils become vanish. Modern ecotechnology syas lets be digital to minimise errors. In recent days demand of digital ecology may rising high to higher. Measurable ecological parameters that relates to animal or cell biology. Ecotechnology here we find machine learning Techniques in obtaining relations among the ecological parateres of non-living to living perspective to environmental approaches. Ecotechnology in mankind may be a perpetual applied science in obtaining relations among the different parameters or objects in any Ecology. Detectable or measurable either digitally or computerised or satellite based research studies. This may be a Holistic environmental editing process as well. Authors often found that if disease-less then growth and fecundity are negatively correlated with TDS and CEC and controlled rationally with mentioned Digital environments and when non-diseases. As ecological microbes can be relates with digital parameters. Isoprene may be smallest non-conventional non protein enzyme that may beyond the central dogma, can correct environments and evil helix of virus's ecotechnology a never ending science for mankind found with modern Ayurveda science. Author has communicated a simple science in the domain of Biochemistry with Ecotechnology may be for esteem mankind**.** Digital model of *Ayurveda* with Citrus. Oranges, Switenia etc. can correct Environments with Isoprene that can spoil Evil Helix of Viruses even defined jointly by James Watson and Francis Crick s double helix Stranded Model. May all happy, replication, transcription and translation since then invention of Central Dogma. However there may be any foul helix that can be prevented or foul proteins i.e. Virions derived from their nucleic acid can be prevented simply by Fatty holly Biomolecule mere Isoprene. Since then we escaped many years from diseases here we are learning inside on evils of Helix of Genetic materials of Viruses and found prevention and control can be possible by inducted holly Isoprene biomolecule or similar Hydrocarbon inhibiting virus and bacteria. Ayurveda plants can act Isoprene as Non-Protein and simplest non-conventional may be termed a new generation enzyme, when defused into microbial cells and able to destroy helical genetic Materials of any virus or unicellular microbes, and whether their nucleic-acid by biochemically forming Isoprene-phosphate and hence virus genetic materials get restricted, prevented and simply cured by holly Isoprene has three roles firstly hydrophobic repulsions, secondly very active and gets hydrogenated by genetic material once diffused in, thirdly forms Isoprene phosphate with virus genetic material and destroyed. This is applicable in Fisheries and Mankind. All we may know Isoprene is the simplest nano-particle or a smallest unit of Fatty bio-molecule can defeat all the evils virus pathogens or cellular pathogens when diffused in the pathogenic cell and destroy evil helix of Virus forming Isoprene-phosphate and hence Virus genetic material may get spoiled.

Materials and Method

Ecotechnological relations are data science (Fig 1, Fig. 2, Fig 3) established based on properties of proteins and biological behaviour of pathogens are taken into consideration in controlling virus and pathogens in Ayurveda we may find that many germ proteins may get de natured with mild plant acids or mild plant alkaloids if not pathogens are totally spoiled with Isoprene. All we may know this mild plant acid or plant alkaloids can damage the hydrogen-bonds of pathogens and ultimately pathen may become inactive. Pathogenic replication can be possiblly stopped with Isoprene (Flow-chart-1.) by virtute of Biochemoical means. Data science is used in finding ecological relations between biomolecules with available nitrogens and microscopibc microbial counts as for given example of coliform bacteria in water environment. Although readers may agree environmental nitrogen may be the prime criteria in originating aminocids or new germs may be often bad unless biochemical mitigation with Isoprene the smallest fatty biomolecules or fatty acids are taken care.

Genetic material of Virus (nucloid) + Isoprene = Bases + Isoprne-phosphate
Isoprene-phosphate + Fatty acids = Phospho-lipid + Isoprene

Isoprene or Simplest hydrocarbon
Genetic material of Virus (nucloid)+ Fatty acids = Bases + Phospholipids

Flow-chart 1. Showing Isoprene or simplest hydrocarbon in biochemical reaction methodology of natural gene editing of virions and microbes applicable only for unicellular germe or microbes for being Isoprene is a nano particle can be diffused within Virus cell.

Results and Discussion
It is obvious that positive relations of microbes or pathogens are due to kind of proteins which are harmful to mankind with a nitrogenous source from environment and this is to maintain their existence of pathogens get supported with nitrogen compounds namely NO_3 or NO_2 under aerobic environments or else NH_3 or NH_4 in anaerobic environments may be prerequisite of pathogens even additional multiplication of virus or pathogens performed within host.
Isoprene or hydrocarbon are hydrophobic in nature beside acting acting as to repeal most hydrophilic virus or pathogens else-wise react biochemically with pathogenic virus, this Isoprene or hydrocarbon nano-particle may diffuse in pathogenic cell and can spoil virus genome by forming Isoprene Phosphate, and can also form Phospho-lipid compound when lipid may take the extra crucial roles in the environments or in host plants or host animals.

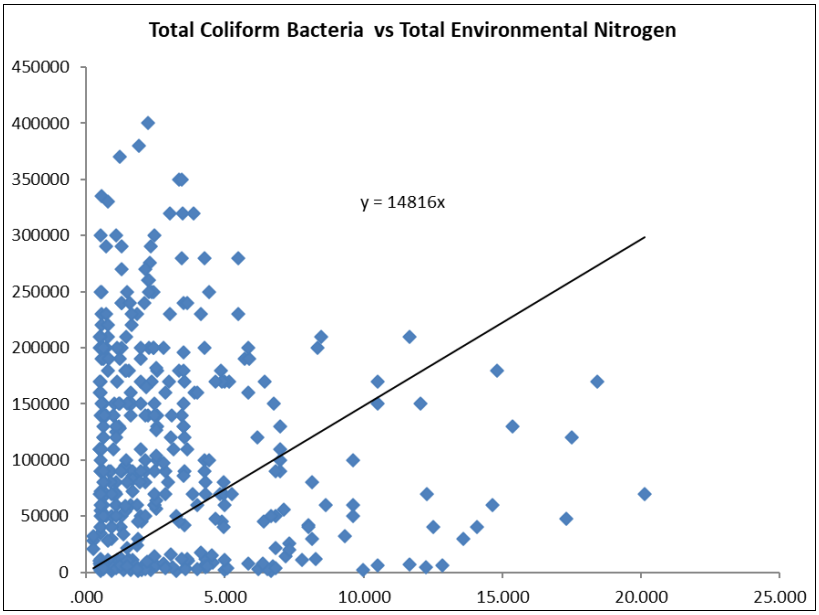

Fig 1: Ecotechnological relation with available Nitrogen as for example with Coliform Microbe, in lower stretches of river Ganges X axis ppm of Total available form of Nitrogen and Y axis Microbial counts l^{-1}

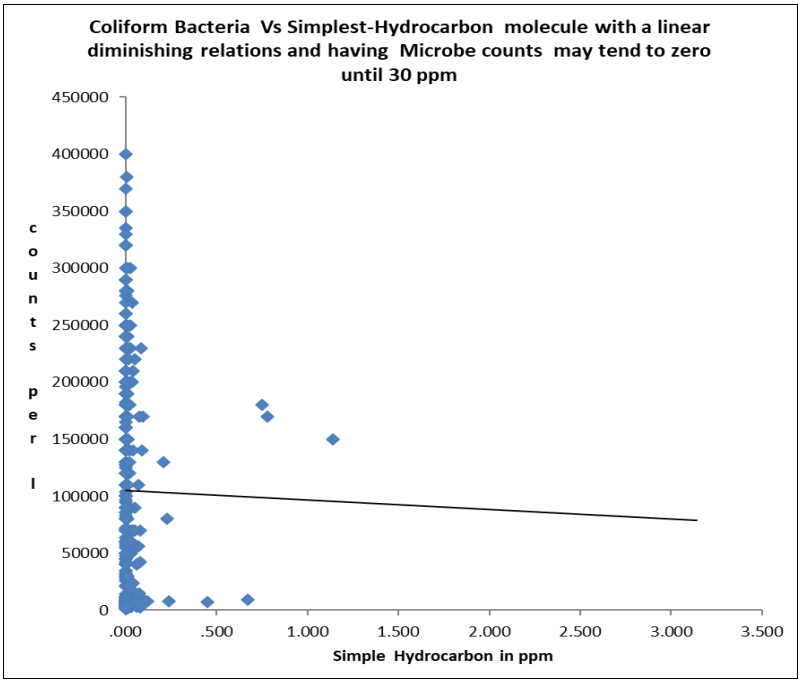

Fig 2: Ecotechnological relations with simplest hydrocarbon in ppm and total Fecal Coliform count l^{-1}

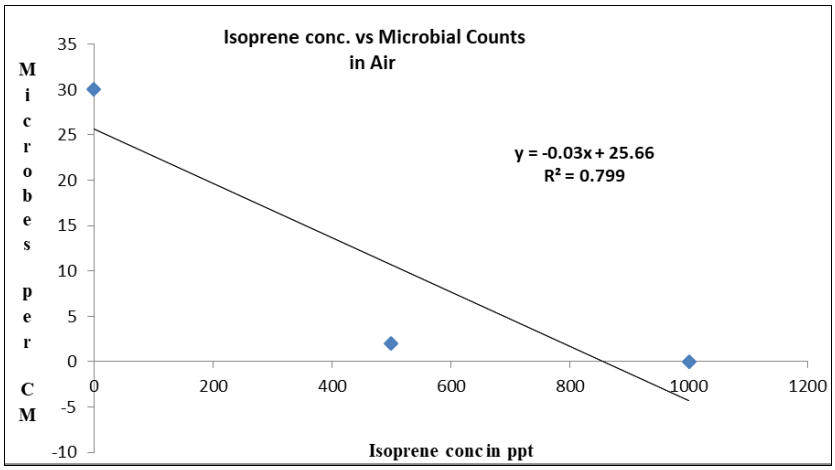

Fig 3: Isoprene takes the beneficial role in controlling virus or germs or microbes following hypothetically natural process of gene-editing for mankind. Excess Isoprene concentration beyond 800 ppt in air may guaranteed never existence of viruses.

Conclusion

Role of nitrogenous compounds in protein is the beginning of biological civilizations known to all, however role of Isoprene can help mankind curing or preventing virus diseases due to lack adequate data, a simplest hydrocarbon taken as an example. As reader may know that all microbes including virus, are hydrophilic, hence Isoprene bio-molecule have golden future to mankind. As known, this nano-particle can be diffused and enter in microbial cell and can destroy their genetic material biochemically even this can assured you no Omicron, naturally in sea beaches, pine forest, and happy orange trees etc. where all Isoprene exists, Keep this Isoprene may be secret for patent issue and naturally Isoprene releasing plants in all possible climates, around. Evidence found that hydrophobic Isoprene nano particle in air or water can repel hydrophilic-viruses and also can enter to viral cell damaging their genetic materials hence multiplication of virus gets stopped. We may know that Isoprene biochemistry and its role of preventing and curing diseases functionality are proportionate to the temperature, air density, altitude etc. Isoprene (C_5H_8) is the bio-molecule that helps in synthesizing fatty acids, vitamins, steroids, cholesterol, secondary hormone, and sex hormones, and many other micro or macro bio-molecules to the biological systems. Terrestrial plants like Mahogony, Pine, Conifers, Grasses, Bamboo tree, Eucalyptus, Mango, all Citrus spp etc can adequately synthesise and release Isoprene and make the surrounding environment hygienic or virus-free. As pieces of evidence Isoprene bio-molecule a nano-particle the smallest unit is below 300 nm, can prevent and cure any unicellular pathogen by molecular diffusion. Isoprene is firstly a water-insoluble or hydrophobic molecule that repulses a hydrophilic pathogen. Secondly, Isoprene having double bonds get saturated or hydrated with acid or even nucleic acids of unicellular pathogens, also assumed evidence may be found that isoprene can react with pathogenic nucleic acids or genetic material by forming Isoprene phosphate. Hence Isoprene can break down genetic materials of pathogens of unicellular simply by molecular diffusion within the pathogenic cells. In normal instances, Isoprene cannot penetrate multi-cellular organisms. Often the blue oceans, hills, forests are due to Isoprene and safe zone against any viral diseases. In fisheries science we find that application of Isoprene through Citrus leaf fall as natural or induced can minimise all kind of diseases including Virus. Fish species *Crocodile-fish*, *Catla catla*, or any top feeder can remain diseases-less owing to floated isoprene in aquatic environments. During warming day's environment around, or sea breezes with Isoprene can be savour of any viral diseases to every mankind.

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