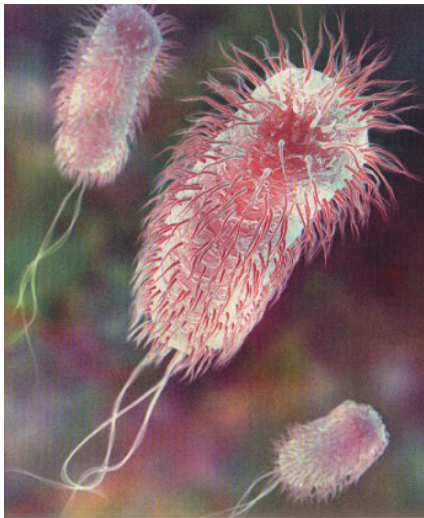


Bacteria, Mold, and Viruses

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When a resistant strain of pathogenic bacteria results, people get infected and allopathic medicine has no remedy. People so afflicted can die - and often do - or suffer. Drug companies address this problem by developing stronger and stronger antibiotics and antimicrobial agents. Unfortunately, these pharmaceuticals are also harmful to people, even potentially deadly.



e-coli-bacteria

For example, Vancomycin (which is strong enough to kill the patient) was a powerful antibiotic developed to attack resistant strains of bacteria. When prescribed, doctors could only hope that the bacteria within the patient would die before the patient did. Now there are Vancomycin-resistant bacteria, making that antibiotic no longer effective.

Antibiotics and antibacterial agents are simple compounds or simple mixtures of a few compounds. Every batch of a particular



antibiotic or antibacterial agent is identical to the previous batch. Doctors want it this way. They want today's tetracycline or penicillin to be exactly the same as yesterday's and tomorrow's so that the product can be patented. This consistency of product, along with their simplicity, is why bacteria can develop resistance such that their offspring are not only immune to the drug, but are even more virulent and toxic to humans.

OILS ARE COMPLEX AND UNIQUE

Synthetic compounds may be copies of the chemical formulas of compounds found in essential oils, but they are lacking the subtle energies contained in natural substances. Those who apply essential oils for healing soon learn that only pure, natural complete, and unadulterated oils bring about healing, while synthetic oils or oils adulterated by synthetic compounds do not.



For example, in the case of oil of wintergreen, the natural oil is harmless, with many healing properties, while the synthetic version does not heal and is, in fact, toxic. Both smell and taste like wintergreen, but they are not the same therapeutically. Furthermore, research has shown that the homeopathic properties of a substance, though chemically identical to another, are not the same energetically for synthetic compounds as they are for natural ones.

Freshly cultivated and steam distilled, the essential oils at Young Living are life-enhancing gifts from the plant kingdom, revered for centuries for their restorative properties to body, mind, and spirit. Pure essential oils have now re-emerged as a key solution to the challenges facing modern lifestyles.



One must be sure he or she is applying therapeutic-grade oils and not perfume-grade oils. The proof of an oil's quality is in its manifested benefits when you use it. While essential oils are extremely effective against pathogenic microbes, they are actually harmless to humans and are beneficial to our tissues.

Essential oils do not cause the production of resistant strains of bacteria. Here is why: Essential oils are not simple. They consist of hundreds of compounds, the numbers and

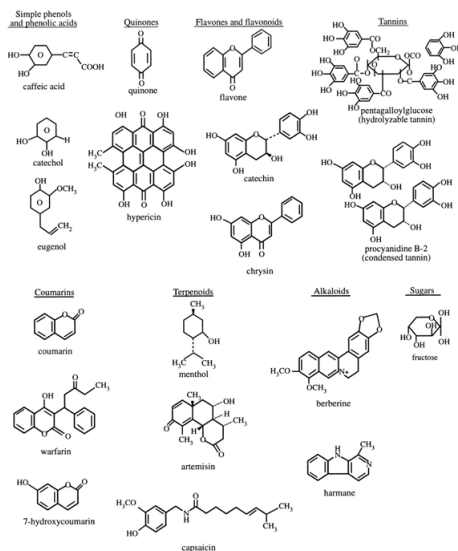


Figure 1. Chemical structures of antimicrobial compounds (2).

formulas for which are not completely known even for one species of oil. Furthermore, no two batches of essential oil are ever the same. Oils are like wines. Vintners put dates on each year's bottle of a wine because every year will produce a slightly different tasting and coloration of wine since nature never repeats itself.

The effectiveness of essential oils is permanent, which is why they, and other natural remedies, will eventually replace the synthetic pharmaceuticals of today. This means that drug-based allopathy, as practiced today, is eventually doomed to disappear because it is based on transient medicines and a flawed paradigm.

Here is what is happening in our world today.

GERM ARE EVERYWHERE, YOUR HOUSE IS ALIVE WITH MINIATURE GUESTS.

A 1984 World Health Organization Committee report suggested that up to 30% of new and remodeled buildings worldwide may be the subject of excessive complaints related to indoor air quality (IAQ).

- Heating and cooling systems in large buildings typically contain 30-70 colonies per cubic meter of Pseudomonas and 80-130 colonies of Staphylococcus bacteria.
- In 1999 tests showed that 530 of the 604 apartments in San Francisco, Ca, had mold, including 287 with "toxigenic" fungus, which emits toxic byproducts.

GERMS CAUSE SERIOUS INFECTION AND INFLAMMATION

"Inhalation and absorption of mycotoxins (fungal toxins or waste products) have clearly demonstrated to be causative of human illness." (Michael R. Gary, MD)

“Bacterial strains from moldy buildings are highly potent inducers of inflammatory and cytotoxic effects. Airborne spores or micelia are causing illness through allergic or toxic mechanisms.” (Robert Dales, University of Ottawa)

“Ten years ago we couldn’t have said that viruses cause cancer. Now we know that 20% of world cancers are virus-induced.” (Dr. Paler Besky, University of Texas)

“In just one year, 483,000 liver cancer deaths were directly attributable to Hepatitis B. and C. virus infections. (World Health Organization)

“H. pylori is now accepted as a cause of stomach cancer.” (Professor Nicholas Wald, Fellow Queen Mary’s School of Medicine, London)

Bacteria in your gut might make you fat. There is accumulating evidence that certain viruses may cause



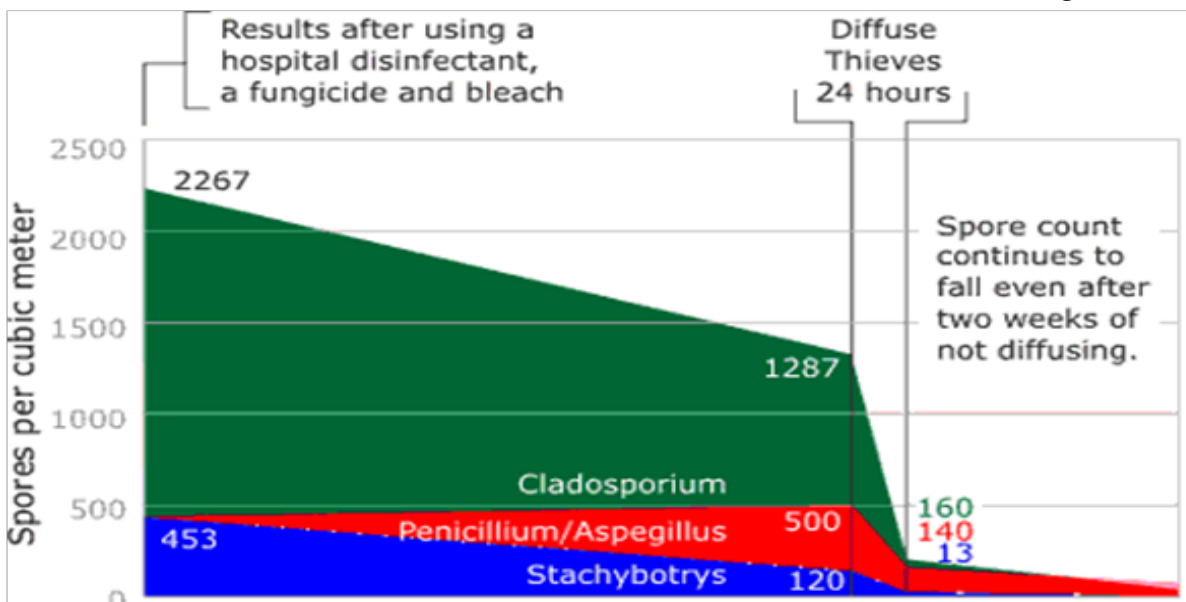
obesity, according to new research published by the American Physiologic Society. The idea that microbes might cause obesity gained a foothold when the Pennington Biomedical Research Center in Louisiana created the nation’s first department of viruses and obesity.

TOXIC MOLDS

Aspergillus parasiticus is a soil-borne fungus growing on both living and decaying plant matter. This mold produces mycotoxins as metabolic by-products. One mycotoxin, aflatoxin B1 has been identified as being the most toxic, carcinogenic, hepatotoxic and potentially mutagenic. Dr. Radwan Farag found that clove oil at only 6-8 parts in 10,000 totally inhibited mold and aflatoxin production. Mold expert stumbles upon an amazingly powerful and non-toxic method of toxic mold removal...in his wife’s aromatherapy kit

In 2005, Edward Close, PhD, a mold remediation consultant with 30 years experience in the environmental industry, was asked to do third-party sampling for mold in an apartment complex that had been flooded, evacuated, and later put up for sale. The buyer who was renovating the apartments had paid a company which had used the strongest stuff they knew of—a hospital disinfectant. Yet Dr Close’s sampling showed that either the product had not killed the mold or that the mold had already re-established itself.

After much urging by his wife, he diffused Thieves oil in the apartments for a 24-hour period. The research project yielded astonishing results! And two weeks later they were even more astonishing!



What can we do to keep us healthy?

In 1865, British surgeon Joseph Lister, the chief surgeon at the King's College Hospital in London, became the father of modern antiseptics. He was the first to disinfect surgical rooms with eucalyptus oil vapors to stop deaths from infection. He used phenolic antiseptics for the first time during surgery to reduce the death rate from 50% to less than 3% during major surgeries.



Jean Valnet, MD, used essential oils for decades in his clinical practices. "Essential oils are especially valuable as antiseptics because their aggression toward microbial germs is matched by their total harmlessness toward tissue."

Listerine Antiseptic was first formulated by Dr. Joseph Lawrence and Jordan Wheat Lambert in 1879 as a surgical antiseptic. It was provided to dentists for oral care in 1895 and became the first over-the-counter mouthwash sold in the United States in 1914. The first commercial surgical anti-septic solution, the original Listerine formula contained phenols and other compounds from common essential oils:

- Thymol: (from thyme essential Oil)
- Eucalyptol (from eucalyptus essential oil)
- Methyl salicylate: (from wintegreen essential oil)
- Menthol: (from peppermint essential oil)

Used for centuries as antiseptics, essential oils

are still used today in oral disinfectants. A 1999 Journal of Clinical Periodontology study found that a mouthrinse with essential oils of Thyme, Peppermint, Wintergreen, and Eucalyptus oils was more effective in improving oral health than a fluoride-based antiseptic.

In 1987, in one of the most comprehensive studies conducted, scientists in Scotland identified the most powerful anti-bacterial essential oils - thyme, cinnamon, clove, and geranium. Additionally, cinnamon, thyme and clove essential oils killed 92% of 25 different gram negative and positive bacterial strains, according to research published in the International Journal of Food Microbiology.



THIEVES OIL BLEND

This blend of therapeutic-grade essential oils was tested at Weber State University in Ogden, Utah in 1997. The studies showed the anti-bacterial effectiveness of the Thieves blend against airborne microorganisms. One analysis showed a 90 percent reduction in the number of gram positive *Micrococcus luteus* organisms after diffusing Thieves for 12 minutes. Then after diffusing Thieves for a total of 20 minutes, there was a 99.3 percent reduction.

Another study against the gram negative *Pseudomonas Aeruginosa* showed a kill rate of 99.99 percent after just 12 minutes of diffusion of this blend. The oils are highly antiviral, antiseptic, antibacterial, anti-infectious and helps to protect the body against such illnesses as flu, colds, sinusitis, bronchitis, pneumonia, sore throats, cuts, etc.