

# R.E.A.L. Health Solutions!

LIFE SCIENCE PRODUCTS, INC.  
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Kelli de Sante'  
President

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*As the rich colors of an Indian Summer quickly fade, winter of colds and flu seem to follow.*

*People often demand a quick-fix, pushing doctors toward the choice remedy—Antibiotics!*

## Probiotics Verses Antibiotics! Scientist Believe One of These Are Making Us Fat?

### Find the Answer in These Next Few Pages?

In the early 1900's, no one knew much about intestinal microbiota or the vital role that nature played in providing the body with naturally occurring Probiotics through the daily intake of wholesome organic foods. In fact, before the discovery of antibiotics, there simply was not much doctors could do to fight bacterial infections.

Known at the "Miracle Drug of the 20th Century," antibiotics have brought about amazing recovery from illnesses which once claimed a multitude of lives. Streptococcus pyogenes caused half of all post-birth deaths and was a major cause of death from burns. Tuberculosis and Pneumonia bacteria were deadly killers and Staphylococcus aureus was fatal in more than 80% of infected wounds. Today, antibiotics play a vital role in modern medicine. \*

In 1928, when Alexander Fleming, a bacteriologist at London's St. Mary's Hospital, discovered that a mould on a discarded culture plate exhibited antibacterial activity, he had no idea what he had discovered. It was not until after his writings were published, in 1929, which introduced Penicillin as a possible antiseptic that Australian-born Howard Florey and Jewish refugee from Hitler's Berlin, Ernst Chain, went on to analyze the biochemistry and prove its efficacy for human use. \*

This was the beginning of the "Golden Age" of Antibiotics. First prescribed in the late 1930's, this great discovery quickly reduced the number of deaths caused by bacterial infection in staggering numbers. Between the years 1944 and 1972, our human life expectancy increased by eight years, mostly as the direct result of the introduction of antibiotics.

Experts from around the world were certain that concerns over bacterial infections were finally put to rest. In 1969, US Surgeon General, William Stewart, stated boldly

## What's Happening?

We are now on Twitter, Squidoo & Facebook. Check us out



<http://www.facebook.com/pages/Body-Biotics/237605029842>



<http://twitter.com/BodyBiotics>



## Q. Lifestyle Question of the Month:

Did you know that...

At the turn of the century, there were over 100 Homeopathy Hospitals in America? At least, one in almost every major city.

In the 19th century, homeopathic medicine became very popular because of its ability to produce remarkable results in treating people suffering from the infectious disease epidemics that raged in those time, diseases like, cholera, scarlet fever, typhoid, and yellow fever. Diseases that killed large numbers of the people who contracted them.

Surprisingly, the reported death rates from homeopathic hospitals were only one-half to ever one-eight the numbers reported during the same time from conventional medical hospitals.



Antibiotic feed animals...a growing global concern!

Antibiotics-Obesity Connection continued...

to Congress that it was time to...“close the books on infectious diseases.”

However, the pioneering expert of this profound miracle, Alexander Fleming, had a less favorable prediction. In his statement on June 26, 1945 to the New York Times, Fleming had this to say:

*“The greatest possibility of evil in self-medication is the use of too small a dose such that instead of clearing up infection, the microbes are educated to resist Penicillin and a host of Penicillin-fast organisms is bred out, which can be passed to other individuals, and from them to others; until they reach someone who gets a Septicemia or Pneumonia which Penicillin cannot save.” \**

Within 4 years of its introduction, evidence of the emergence of Penicillin resistance bacteria were already being reported, although mostly ignored. By the 1970s, Penicillin resistant strains of one of the most common causes of Pneumonia, Streptococcus Pneumonia, as well as, a variety of venereal diseases, popped up around the globe.



***This is old but ignored news dating back, as far as 1955, researchers have been pointing to antibiotics as a contribution factor to our ever growing obesity epidemic.\****

By 1999, in an assessment report titled: *The Use of Antibiotics in Food Producing Animals: Antibiotic Resistant Bacteria in Animals and Humans* from the Joint Expert Technical Advisory Committee on Antibiotic Resistance (JETCAR,) top Australian experts stated:

**“Resistance has emerged for all known antibiotics in use today. For most antibiotics, and classes of antibiotics, antibiotic resistant genes have also entered the bacterial population in the domains where antibiotics are used...for example in hospitals, farms, and aqua-culture ponds.” \***

As consumers, we should be concerned about the amount of antibiotics that we personally consume, and be aware of the fact that antibiotics are widely used in food animals as a growth promoter, as much as they are used to prevent and treat infections. However, **prolonged use of such antibiotics disrupts the metabolism of fat by altering the balance of microbes in the animals’ gut, thus leading to significant weight gain.** The result is fatter cows, pigs, and chickens...not to mention faster, fatter profits.

Similar to the microbial imbalance of the animals’ gut, **antibiotics disrupt hu-**

*Antibiotics-Obesity Connection continued...*

**man intestinal function, making a compelling case for the Antibiotics—Obesity connection.**

This is old but forgotten news dating back, as far as, 1955, researchers have been pointing to antibiotics as an important contributing factor to the rapidly growing obesity epidemic.\*

In the December 16, 2009, issue of *Scientific American*, one article expresses serious concerns that antibiotics kill off many important microbes essential for human life. This industry journal even used the word “**extinction**” when referring to the disappearance of certain important bacteria that are being killed off by overuse of antibiotics. \*

*Science* magazine on March 4, 2010, elaborated on earlier observations made by Blaser, when researchers at Cornell, Emory, and the University of Colorado, reported that **gut microbiota determines how food is digested and fat is stored in the body. They further stated that antibiotics can disrupt certain bacteria in the gut that can lead to obesity**, as well as, increased inflammatory processes that can trigger metabolic syndrome—a serious condition that can lead to high cholesterol levels, higher risk of heart disease, high blood pressure, and diabetes.\*

According to Lawrence Cheskin, MD., Director of the Johns Hopkins Weight Management Center, “Medication-related weight gain has become far more important over the past decade as obesity increases in prevalence and more people are taking medications for chronic illnesses.” \*

While these miracle drugs certainly suppress unfriendly, disease-causing microbes, they simultaneously kill off an army of beneficial micro-flora critical to good health, leading to unintended adverse consequences.

Unfortunately, we live in a world filled with toxic overuse of chemicals..from those used in our fruit and vegetable supply; to antibiotics feed animal foods, and finally, our owe personal antibiotic use.

Often we do not get the daily Probiotics needed to maintain a proper microbial balance in the GI tract. This means that it is up to each individual to add a quality daily **Probiotics Consortia** supplement to help combat the negative effects of living in today’s toxic world. **Body Biotics™** Prebiotics / Probiotics Supplements is a healthy alternative to help minimize your need for antibiotics and to restore the gut after the use of them.

**\* References:**

\*Haight T. Pierce W.: Effect of Prolonged Antibiotic Administration on the Weight of Healthy Young Males. *Journal of Nutrition*, May 1955, Vol. 56, Issue 1 <http://jn.nutrition.org/cgi/reprint/56/1/151.pdf>

\*Harmon K. Bugs Inside: What Happens When the Microbes That Keep Us Healthy Disappear? *Scientific American*, Dec. 16, 2009 [www.scientificamerican.com/article.cfm?id=human-microbiome-change](http://www.scientificamerican.com/article.cfm?id=human-microbiome-change)

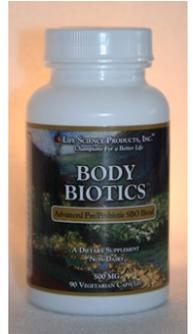
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\*McDade T. Early Origins of Inflammation: Microbial Exposures in Infancy Predict Lower Levels of C-reactive Protein in Adulthood. *Proceedings of the Royal Society B: Biological Sciences*. December 9, 2009 [www.northwestern.edu/newscenter/stories/2009/12/germs.html](http://www.northwestern.edu/newscenter/stories/2009/12/germs.html)

[www.johnshopkinshealthalerts.com/alerts/prescription\\_drugs/JohnsHopkinsPrescriptionsDrugsHealthAlert-656-1.html](http://www.johnshopkinshealthalerts.com/alerts/prescription_drugs/JohnsHopkinsPrescriptionsDrugsHealthAlert-656-1.html)

**\*\*These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.**

*Life Science Product's has filed a Structure/ Function Claims Notification Letter with the FDA for Body Biotics Prebiotic / Probiotics Supplement. For more info go to:*



[www.regulations.gov](http://www.regulations.gov)

In the search box enter: **FDA-1997-S-0039** Then search for **Life Science Products**



Certified as a ceremonial healing sacrament with the Nemenhah Band.

[www.nemenhah.org](http://www.nemenhah.org)

**CONGRATULATIONS To This Months FREE Product Winner!**

***Ana Galloway***

***Thank you for subscribing to our online Newsletter:***

***To participate in our monthly drawing for 2 FREE bottles of Body Biotics simply go to:***

[www.bodybiotics.com](http://www.bodybiotics.com)

***And, register for our online monthly newsletter subscription.***

**ANTIBIOTIC RESISTANCE: is the ability of a bacterium or other microorganism to survive and reproduce in the presence of antibiotics doses that were previously thought effective against them. Examples of microbe resistance to antibiotics dot the countryside, plaguing humankind.**

**BODY**

**BIOTICS™**

**Advanced Probiotics Consortia supplement for adults and children has been used by customers for all types of pets including: dogs, cats, birds, horses, and fish. Simple twist open a capsule and sprinkle right into the food. Amount varies depending on the type and size of your pet.**

**Testimonial**

My name is Ron and I'm 66 years old. I've been using **Body Biotics™** for about four months and simply can't say enough good things about it. This is a wonderful product. I have arthritis in my knee and the pain has reduced by 90 percent. And, one interesting surprise is that I'm not eating as much as before because I don't feel as hungry. I guess I'm getting greater absorption on my nutrients, and as a result I'm losing weight.

**Ron B.—Washington State**

**Customer Appreciation**

**Coupon**



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Get ONE FREE  
Life's Green  
Essentials™**

**Powder Formula  
Only**

(Plus Shipping & Handling)

Offer not available on website.

Expiration Date: 11/10/10

**WE NEED YOUR HELP:** People around the world are looking for effective health solutions. They need to hear your story. Many of you have been using BODY BIOTICS for as long as 25 years. If you are willing to share your personal testimonial for use in our media, please call us at: 800-713-3888 or email it to: info@bodybiotics.com along with a headshot photo. Remember to put the word "testimonial" in the subject line. Thank you for your support!

**LIFE SCIENCE PRODUCTS, INC.**

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**To Order Call:**

**713-466-9001 or 800-713-3888**

**Or Fax To: 713-466-9018**



**[www.bodybiotics.com](http://www.bodybiotics.com)**

**R=Restore E=Eliminate A=Assimilate L=Longevity**