

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



LIFE SCIENCE PRODUCTS, INC.  
Volume 8 – August 2010

*As we continue our summer celebration for kids, we can't forget about their pets...*

## *Kids Share Everything With Their Beloved Pets – Including Their Favorite Probiotic Supplements!*

### **Probiotics Consortia: An Essential Supplement for Your Pets**

*By: Lee Dexter, Microbiologist and Renown Probiotics Expert*



**Kelli de Sante'**  
President / Grandson, Colt

#### CONTENT

President's Message	1-3
Lifestyle Question	2
Testimonials	4
Free Product Winner	3
Testimonial Request	4
Customer Appreciation	4
Coupon	

Probiotics are friendly bacteria, that when ingested provide beneficial effects that go far beyond their nutritional value. They have been found to be essential to the health and longevity of all mammals, including our pets. As far back as 1907 a Russian named Elie Metchnikoff first stressed the importance of *Lactobacilli* in promoting health and longevity. And the modern-day term Probiotics was first popularized in 1989, by R. Fuller.

Probiotics Consortia influence the metabolism and well being of the gut and of the whole body through a variety of mechanisms, which scientists are finding to be more complex than originally thought. These bacteria communicate with the body and the immune system through cells that line the gut wall using a complicated system of messenger chemicals. **Probiotic organisms are thought to have four basic mechanisms of action:**

- *They secrete helpful compounds that either nourish other cells (such as those in the colon or liver), alter the colonic environment, or serve as signals to communicate with the immune system.*
- *They inhibit the growth of organisms that are harmful by either secreting antimicrobial substances, or by blocking the ability of the harmful organisms to adhere to or puncture the gut wall.*
- *They prevent the build-up of waste materials and toxic compounds in the colon by either blocking their formation or by breaking down toxins and waste materials into harmless molecules that can be easily eliminated.*
- *They exhibit strong antioxidant activities, which include the ability to scavenge reactive oxygen species, and chelate metal ions, such as iron and copper.*

#### 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 in 2009/2010 a number of pet food safety recall have been announced? Here is a partial company list of both forced and voluntary recalls:

### Cat Food Companies

*Diamond Pet Foods*

*Nutro Products*

*United Pet Group*

Proctor & Gamble

### Dog Food Companies

*Choo Hooves*

Proctor & Gamble

*United Pet Group*

Merrick Pet Care

PetSmart

### Bird Food Companies

*Land O'Lakes Purina Feed, LLC*

*Scotts Company, LLC*

*Western Trade Group, Inc.*

*Burbmann*

*Hialeah Products, Inc.*

**For more details go to:**

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

*Pet Probiotics continued...*

Unfortunately, our dogs and cats often do not get the Probiotics they need for maximum health. Most pets eat a diet of highly *heat-treated* foods that contains no living Probiotics. And worse, they are often walked on concrete or in parks with compacted or contaminated soils that do not provide a source for clean soil-borne Probiotics. As a result many pets begin to show signs of bacterial imbalance including:

- Constipation
- Flatulence
- Diarrhea
- Irritable Bowel Syndrome
- Bad breath
- Poor Coat



To counteract this situation, some pet food manufacturers advertise that their products contain Probiotics. However, a recent study that looked at nineteen commercial pet foods found that none of them contained all of the organisms

A recent study that looked at nineteen commercial pet foods found that none of them contained all of the organisms listed. Only 10 of the 19 products contained 1 or more of the listed Probiotic species (53%), and 11 of the 19 contained related, but unlisted organisms.

listed. Only 10 of the 19 products contained 1 or more of the listed Probiotic species (53%), and 11 of the 19 contained related, but unlisted organisms. No relevant growth was found in 26% (5) of the samples tested, and the average numbers of Probiotics present was not considered, by the authors, to be adequate.

In short, commercial pet foods do not provide a reliable source of effective Probiotics at this time. This means that it is up to the pet owner to provide Probiotics as supplements. A quality Probiotics Consortia supplement will help improve:

- Yeast overgrowth and rashes
- Excessive shedding
- Gas and breath odor
- Skin and coat condition
- Bowel function
- Stress due to environmental factors

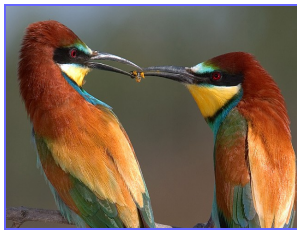
Combinations of Probiotic bacterial strains (a Consortia) have been found to be effective at altering the gastrointestinal tract of dogs and to change the dominant species in the gut to *Lactobacillus acidophilus*. However, it should be noted that two different studies showed that the Probiotics, while surviving the bile environment and stomach acid cleared the intestine rather rapidly once supplementation was



*Pet Probiotics continued...*

stopped. Probiotics were no longer detected in the feces after 3-7 days, depending on the bacteria that were studied. ***This means that, just as in humans, Probiotics supplementation must continue on a daily basis.*** In order to receive the most benefit from the Probiotics being fed, a high quality product should be used which includes a matrix of nutrients to protect the friendly bacteria from stomach acid, bile, and digestive enzymes.

One such product, consists of a mixture of Soil-Based Organisms™ (SBOs™) which includes eight (8) species of naturally occurring Probiotic organisms embedded in a matrix of fermentation end-products and soil and plant-based nutrients to form a high-quality Probiotics Consortia. The strains of Probiotic bacteria used in these products were originally isolated from healthy soil, and hence have not been genetically altered in any way by exposure to a particular human diet, or by the intestinal environment of another animal species.



type of Probiotic preparation is often used in feeds for farm animals to protect them from stresses of the varying weather conditions and seasonal changes in pasture. Animals or birds on this **type of supplementation are known to have better survival rates, shinier coats or feathers, and thrive with minimal care.** Now nutritionists are recommending the same approach for pets in order to avoid treating disease conditions with antibiotics.

Help your pet live a long and healthy life by including Soil-Based Organisms™ in their diet. Watch the physical appearance of your pet improve as you continue the supplementation.

*Lee Dexter, is a renown Probiotics expert, former Biology Professor at Bradley University, Peoria, Illinois, 1989 winner of the R & D Top 100's Award, holder of four Patents relating to use of bacteria in foods/animal feed, and the largest contributor of bacteria strain identification submissions to the USDA in the last 30 years.*

**References:**

Rothschild, PR, Huertas, JG, 2002. Ambulatory treatment of chronic digestive disorder with malabsorption syndrome . Progress in Nutrition, 4: 97-108, Suppl.  
 Biourge, Vincent, et al. 1998. The use of probiotics in the diet of dogs. J. Nutr.128:2730-2732S.

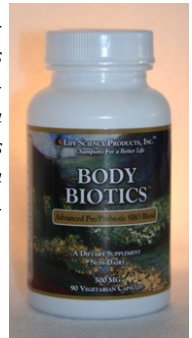
***\*\*These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.***

**Life Science Products, Inc.  
Soil-Based Organisms™**

<i>Lactobacillus Acidophilus</i>	<i>Lactobacillus Casei</i>
<i>Lactobacillus Plantarum</i>	<i>Bifidobacterium Bifidum</i>
<i>Lactobacillus Frmentum</i>	<i>Bacillus Subtilis</i>
<i>Lactobacillus Lactis</i>	<i>Bacillus Licheniformis</i>

All eight species of microorganisms are symbiotically grown together in a single culture or Consortia [see table below]. The culture comprises a Host Medium which contains 40% fulvic acids, 8% amino acids, simple and complex carbohydrates, minerals and vitamins. This

*Life Science Product's nutritionals are pure and natural, and have been certified for use as Native American Ceremonial Healing Sacraments.*



For more information go to:



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

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

**Bobbi Breo**

**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.**



**Cognitive Dysfunction: a condition that develops in aging dogs that experience brain changes similar to those of humans with Alzheimer's disease. In dogs with cognitive dysfunction , the brain undergoes a series of changes that result in a decline in the mental faculties associated with thinking, recognition, memory, and learned behavior. Cognitive Dysfunction is a progressive disease with increasing signs of senile behavior.**

**BODY**

***BIOTICS™ Advanced Probiotics Consortia supplement for adults 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**

I am a pet lover and have horses, cats and dogs. Five years ago I was introduced to Body Biotics and when Kelli told me it would be great for my horses, I was skeptical. I live in Canada where the weather can be really wet. One common problem we have is what is commonly called "rain rot." That's where a horses' coat gets really dull and lifeless. If you tuff on the hair it pulls out easily and underneath it will be pink and oozy. Rain rot is caused by a nasty organism called D. congolensis.

I started by sprinkling just one 500 mg. capsule of **Body Biotics™** over the horses feed every day. To my surprise, in just a few short weeks the coat started looking much better. Within 6 weeks, you wouldn't believe it was the same horse. Now it has been 5 years and I love the look of my horses. Their coats are shiny and rich looking, not to mention their overall improved health. And, you should see the barn cats—they are healthier than ever. Thank you **Body Biotics™**

**—Marisa from Toronto**

**Customer Appreciation**

**Coupon**

**\$ 10.00**

**This Month Get**

**\$10.00 Off**

**Any Product Order  
Over \$75.00**

**(Plus Shipping & Handling)**

**Offer not available on website.**

**Expiration Date: 09/10/10**

**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**

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