

# XoBiotic™ Chocolate

## Functional Foods

- Functional foods are in most food groups
- It's possible to enhance foods for healthy benefits
- New segment of functional foods called "*Probiotics*"



# XoBiotic™ Chocolate

## What are Probiotics?

- Symbiotic Microorganisms
- 100 trillion microorganisms
- More than 400 different bacterial species have been identified



# XoBiotic™ Chocolate

**What are the critical aspects  
that determine the success of a  
probiotic treatment?**



# XoBiotic™ Chocolate

## Evaluating the effectiveness of Probiotics – SHIME

- The Simulator of Human Intestinal Microbial Ecosystem
- Simulates the stomach activity/environment
- Enables monitoring through stages of digestion



# XoBiotic™ Chocolate

## Why are Probiotics so important?

- 95 million Americans suffer from digestive problems
- Heartburn, IBS, & Stomach Ulcers



# XoBiotic™ Chocolate

■ Dark Chocolate  
□ Milk

