

# ARE YOU TIRED OF FEELING UNWELL?

This is the first in a series about IMMUNE<sup>+++</sup>.



Not for Distribution



### READ THE SUPPLEMENTAL FACTS ON THE IMMUNE+++ PRODUCT LABEL

- You will find a rich variety of ingredients
- Each directly supports the immune system and overall health
- This presentation focuses on the Life-C Blend





### RECOMMENDED USAGE OF

- One tablet is considered a good intake of vitamin C
- Two tablets is the recommended amount on the label, providing 1000 units of vitamin C
- Our vitamin C formula is enhanced with lipid metabolites and citrus bioflavonoids





#### IMPORTANCE OF VITAMIN C BECAME PROMINENT



- Two-time Nobel Prize winning biochemist Linus Pauling pioneered studies on benefits of vitamin C.
- He advocated taking dosages beyond the Recommended Daily Allowance (RDA) for increased immune support.



#### WHY DO WE NEED VITAMIN C DAILY OR BETTER YET, TWICE DAILY?

- Humans, among a few other animals, lack an enzyme, which synthesizes vitamin C so we must obtain it from our diets.
- Immune scavenging cells require about 40 times more vitamin C than other cell types.
- Those same immune scavenging cells metabolize quickly and depend on vitamin C to actively destroy and engulf viruses and other harmful materials.



### WHAT HAPPENS TO BODIES WITHOUT ENOUGH

- Humans may develop scurvy, which can produce symptoms including:
  - + Swollen and bleeding gums with loosened teeth
  - + Stiffness and soreness of joints
  - + Bleeding under the skin
  - + Slow wound healing
- In 1732, Scottish naval surgeon James Lind cured scurvy in sailors who spent long times at sea without citrus by the ingestion of citrus juice.
- Scurvy is rare today, but serves as an example of why vitamin C needs to be replenished—it is used up daily by the body.



## WHY LIFE-C BLEND CONTAINS

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- Helps extend the bioavailability of vitamin C
- Lipid metabolites act as carriers
  - + To increase intestinal absorption
  - + To increase tissue distribution of vitamin C
  - + To enhance speed of assimilation by cells



#### WHY LIFE-C BLEND CONTAINS CITRUS BIOFLAVONOIDS

- Helps extend the bioavailability of vitamin C
- Bioflavonoids help make vitamin C more beneficial because:
  - + They crosslink vitamin C with collagen in connective tissues to help maintain optimal structuring in the skin, joint tissues and blood vessels.
  - + They are found in the rind of citrus fruit, which are among the most valuable functional diets shown to lower oxidative-damage to the cardiovascular system.
  - + They contain antioxidant properties that scavenge reactive oxygen species (ROS) and help prevent oxidative damage to the blood and heart vessels.





### FINDINGS BY THE SCHOOL OF MEDICINE AT UNIVERSITY OF MIAMI

- Within 24-hour period, average vitamin C level in group taking Life-C was higher than subjects taking other forms of vitamin C
- Within 24-hour period, level of C-reactive protein (marker of inflammation) decreased 15.6 percent in healthy volunteers taking Life-C
- Within 24-hour period, level of oxidized low density lipoprotein (LDL), known as bad cholesterol, decreased 8.4 percent in healthy volunteers taking Life-C



# Controlled trials support protective role for several dietary flavonoids in relation to some age-related conditions:

- Shown to exert anti-inflammatory and neuroprotective effects
- 37 adults (mean age 67) showed improved cognitive function after eight weeks of consuming flavanone rich orange juice daily



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#### ALL VITAMIN Cs ARE NOT CREATED EQUALLY:



- Life-C Blend shown to be quickly absorbed and effective in decreasing inflammation
- Life-C Blend shown to be supportive of cardiovascular and immune functions

