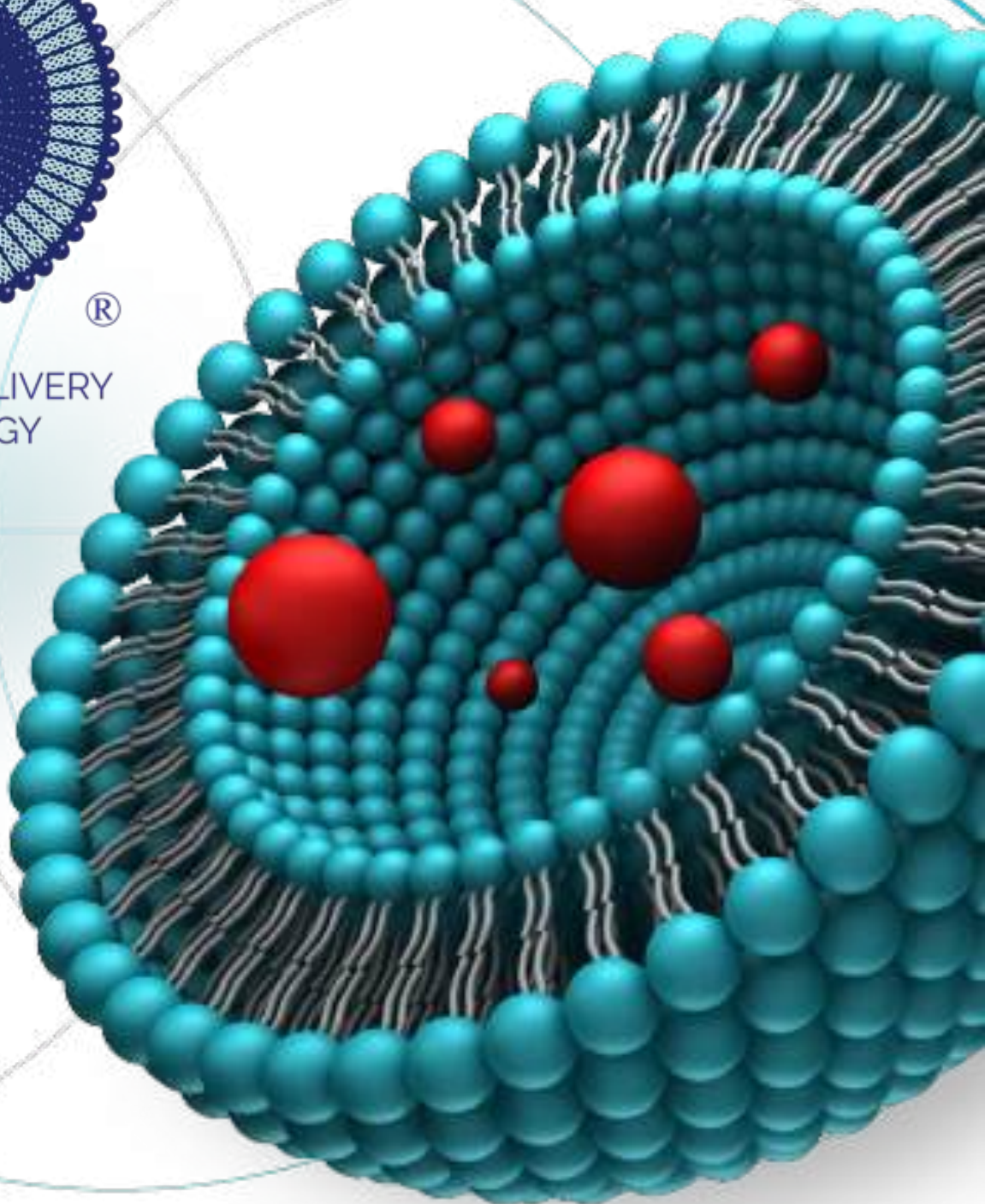


CERTIFIED



®

LIPOSOMAL DELIVERY  
TECHNOLOGY



# NutraRelief

LIPOSOMAL DELIVERY TECHNOLOGY EXPLAINED

# LIPOSOMES

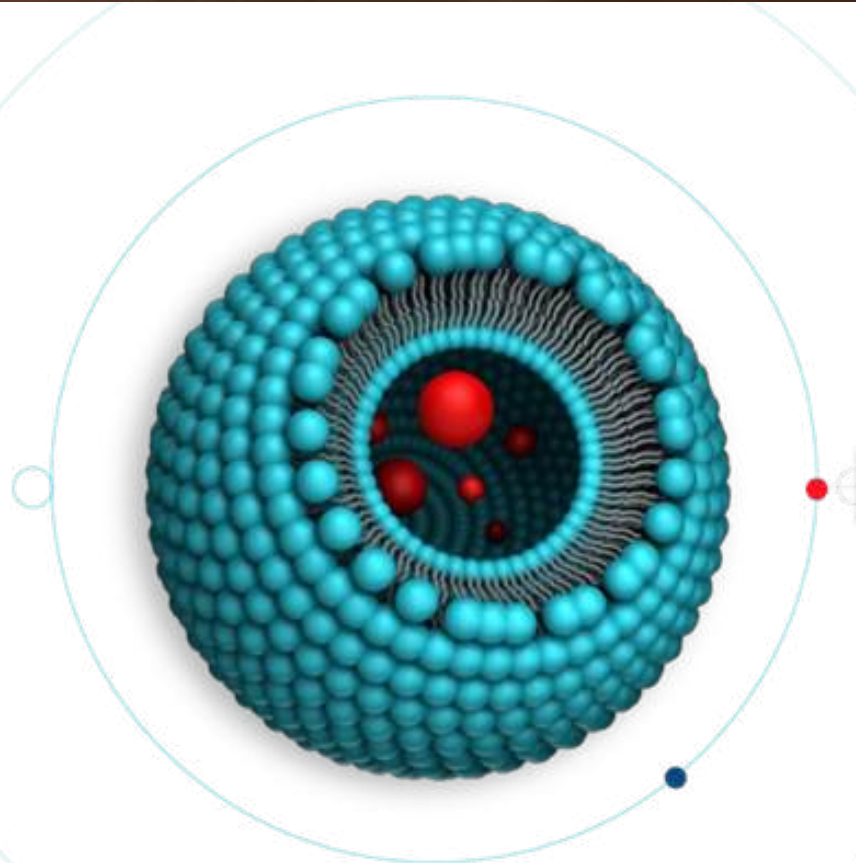
## THE BUILDING BLOCK OF EVERY CELL MEMBRANE

“

Liposome delivery in lotions *overcomes the limitations of oral therapy* and provides a steady state of nutrient delivery

After extensive research and development efforts, liposome-formulated remedies are now used routinely at clinics to treat a wide range of illness and disease, mainly because they are biologically inert and biocompatible and do not cause unwanted toxic or immune reactions. Liposomes are made with essential phospholipids, in fact phospholipids are the **basic building block of every cell membrane in the human body.**

Once applied on the skin, **liposomes rupture and diffuse as a lipidic mixture that acts as a penetration enhancer.** Liposomal topicals can optimize cellular uptake and effectiveness and can be easily adjusted to a lower or higher dose to meet everyone's needs.





# Nutrition Backed By Science

Since liposomes are made of the **same material** as most cells, your body recognizes them as a **friendly substance**

Meet the inventor of the Liposome...

## Alec Douglas Bangham

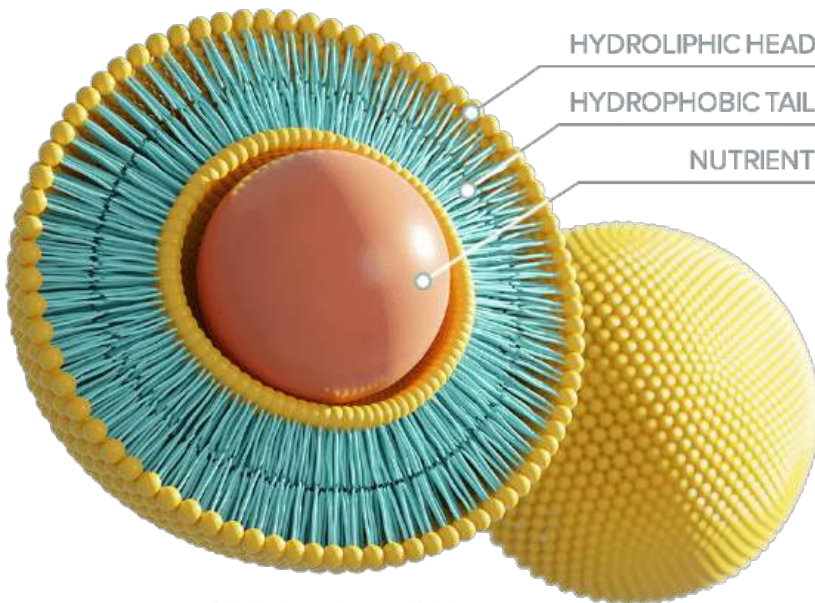
Haematologist and Inventor of Liposomes  
Born in Manchester, UK, on Nov 10, 1921  
Passed away in Great Shelford, UK, on March 9, 2010

Liposomes emerged as an important tool for the specific and efficient delivery of various chemical and macromolecular species into the system. Liposomes were discovered in 1965 and designated as swollen phospholipid systems, specifically Banghasomes, by Alec Bangham and his colleagues, and with that paper the liposome "industry" was launched.



# What Are Liposomes?

A Liposome (LY-poh-SOH-m) is a nutrient formulation that contains the active nutrient inside very tiny, fat-like particles. This form is easier for the body to absorb and delivers more nutrients to target areas in the body. Liposomes are spherical-shaped phospholipid pods filled with aqueous nutrients and indeed represent the most extensively studied and advanced supplement delivery technology.



Absorption is the movement of nutrients into the circulatory system. Bioavailability is the degree to which nutrients can be used by the body at a cellular level.

The bioavailability of conventional dietary supplements, such as tablets and capsules, can be drastically reduced by the process of digestion and those who may have difficult gastrointestinal or digestive issues.

Superior natural absorption

## Benefits of *Liposomal* Delivery Technology



### Cellular Compatibility

Liposomes are made of the same material as most cells therefore, your body recognizes them as phospholipid friendly substance.



### Increase Absorption

Protects against the harsh environment of the GI tract and increases bioactive uptake absorption.



### Self Regulating

Liposomal topicals can optimize cellular uptake and effectiveness and can be easily adjusted to a lower or higher dose to meet individual needs.



### Larger Payload

Provides a larger nutrient payload per particle. Offers higher bioavailability and absorption compared to conventional capsules.



### Penetration Enhancer

Once applied on the skin, liposomes rupture and diffuse as a lipidic mixture that acts as a penetration enhancer.



### Avoids Digestion

Timing of the dose does not require accompaniment or exclusion of food as the absorption via the liposome avoids the digestive process.

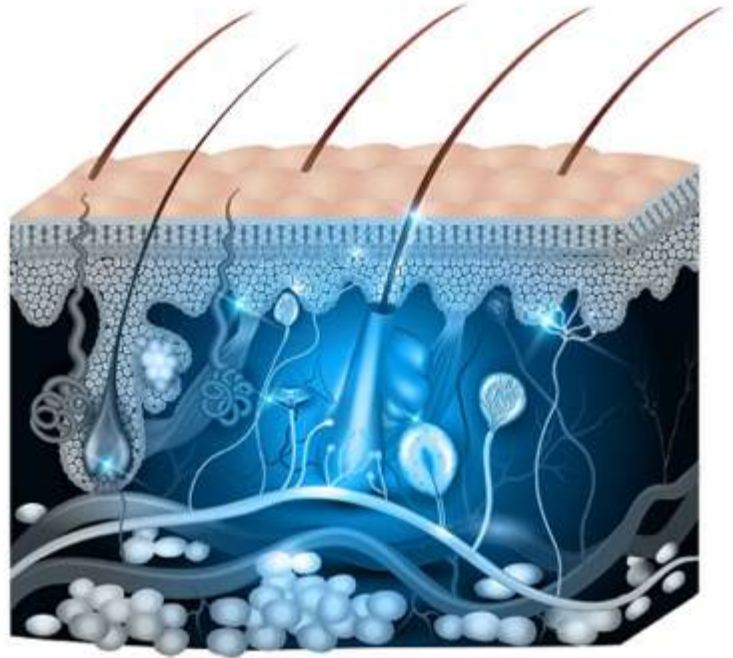
# Why Use The Skin?

While we tend to think of ourselves as “waterproof” the reality is our skin is porous and certain substances are absorbed, not just into the skin but into the fat tissue beneath and into the circulatory system.

## Liposome Skin Delivery

Our **Certified Liposomal Delivery Technology (LDT)**<sup>®</sup> liposomal creams provide the benefit of being absorbed directly into the skin without having to pass through the acid bath and bile salts that are so aggressive in the dilution and destruction of the “bioactive” properties in ingredients.

It's well known the digestive secretions in the stomach (HCL) Hydrochloric Acid for example, alter the desired results of most ingested medications and supplements. This is amplified especially with those who may have difficult gastrointestinal or digestive issues.

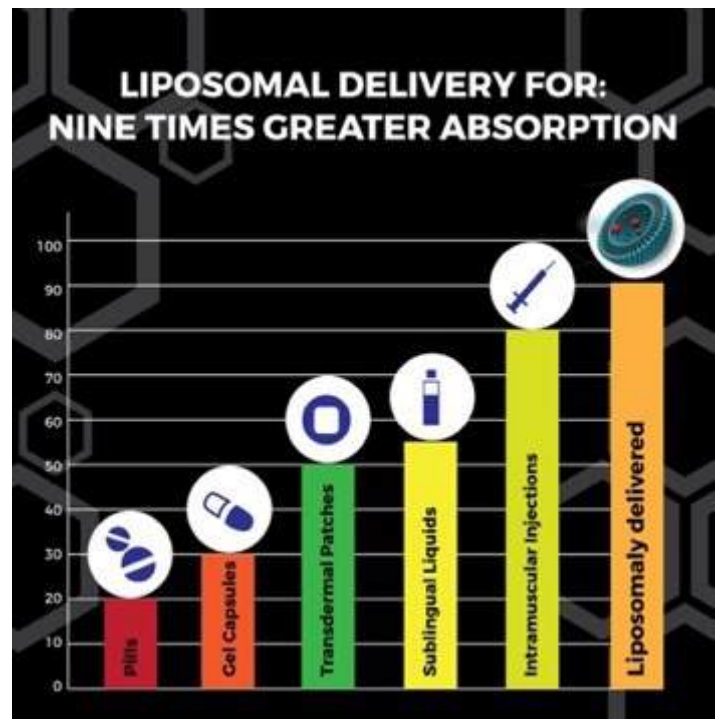


## How Are They Absorbed?

Liposomes can be designed to deliver nutrients in multiple ways. Some liposomes work to deliver nutrients by diffusion rather than by ‘direct’ cell fusion.

Other liposomes release nutrient molecules by membrane fusion with the cellular plasma membrane. The nutrient encapsulated in the liposome is protected from metabolism and the molecule becomes active only after release from the liposome sheath, and without degradation.

They are easily absorbed into the bloodstream through the skin.



# What your body craves

*Deep Sleep, Hormone Balance, Pain Relief, Stress Relief*



## MELATONIN DEEP SLEEP PLUS

Melatonin is a powerful natural antioxidant and free radical scavenger that helps combat...



TAKE A LOOK



## PROBALANCE PROGESTERONE

ProBalance is a fragrance-free liposomal cream containing 1.6% natural progesterone (from a Wild...



TAKE A LOOK



## TRAUMA MAX TENSION RELEASE

Trauma Max Relief was formulated with (4) natural pain relieving bio-active ingredients specifically...



TAKE A LOOK



## GABAL-THEANINE MENTAL BALANCE

Gaba L-Theanine helps support with anxiety, stress, depression, ADD as well as also...



TAKE A LOOK

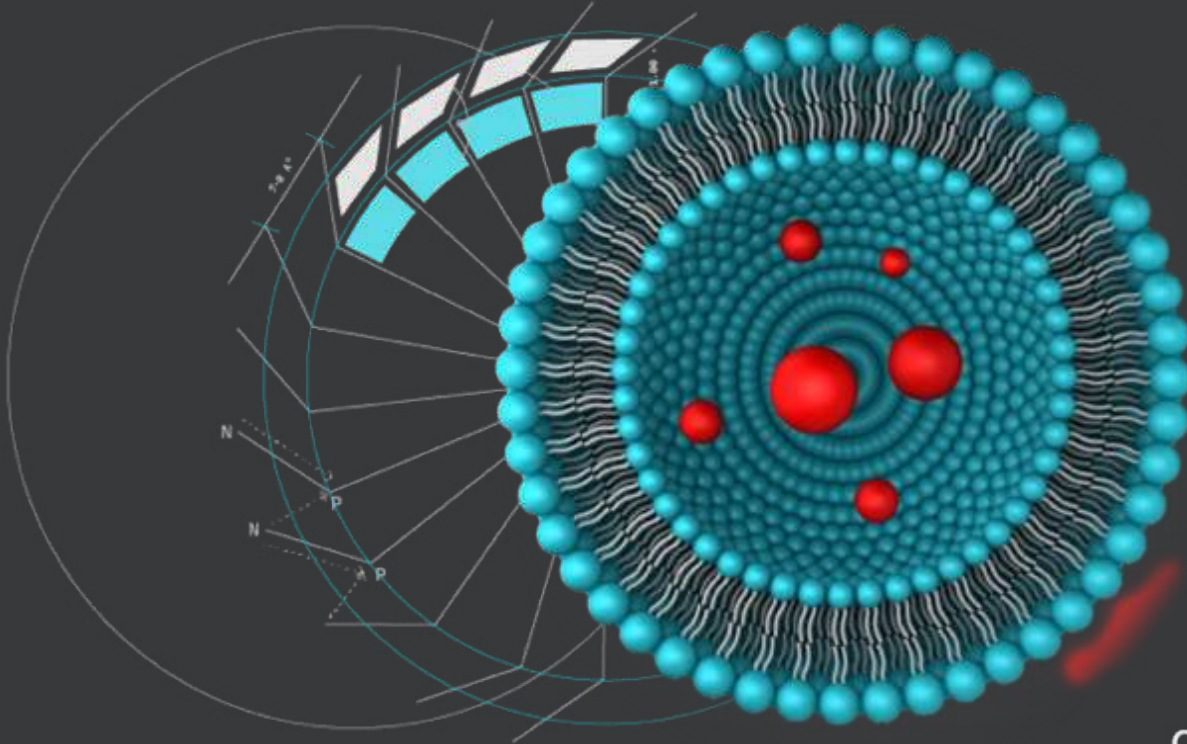
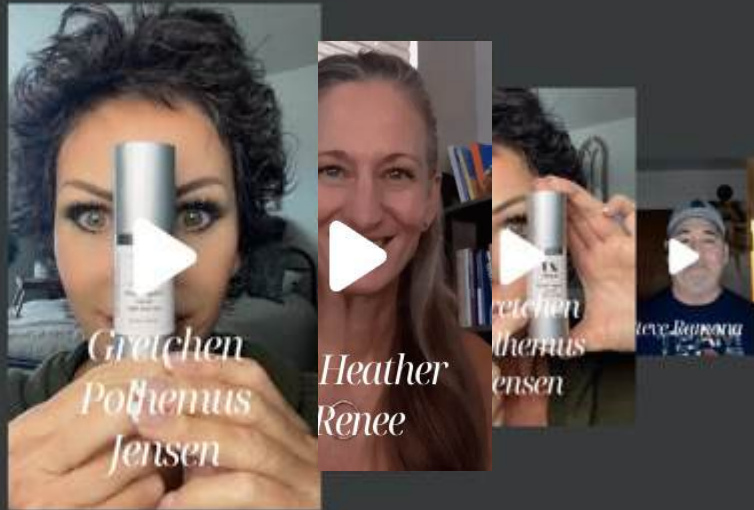
# Certified & Trusted

By using the **SKIN** as the point of supplementation any part of your torso can offer a steady source of the building blocks that will nourish your body with vitamins, antioxidants, amino acids and minerals rich with the nutrients our bodies need to support optimal health and function.



# Sharing the review *love*

Watch how our products have helped improve the lives of our customers.



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