



Surgeway

PASTILLES – SOFT GELATIN LOZENGES

A Product of Surgeway Biosciences



A decorative banner at the top of the page features a repeating pattern of medical icons in a golden-brown color on a dark orange background. The icons include syringes, pills, capsules, and mortar and pestles.

PASTILLES – SOFT GELATIN LOZENGES

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ABOUT SURGEWAY BIOSCIENCES

- SurgeWay Biosciences is a pharma export house, with an increasing presence in international markets
- SurgeWay is part of a larger group, which has been into the Pharmaceutical Industry for the past **36 years / since 1984**
- **Our Niche Product Portfolio**
 - Unique Food Supplements
 - Patented Herbal Products
 - USFDA Medical Devices
 - Specialized Drugs

A decorative banner at the top of the slide features a repeating pattern of various medical and pharmaceutical icons, including pills, syringes, and mortar and pestles, set against an orange background.



PASTILLES – PATENTED TECHNOLOGY AND UNIQUE DELIVERY MECHANISM

- Nutrient-rich naturally sweetened preparations that **dissolve** in the mouth.
- Employs a Unique **Patented GERMAN** Technology - QUICKSORB HYDROGEL TECHNOLOGY, that bypasses the **entire digestive system**.
- Therefore, almost **100% active constituents** of the extract are absorbed in the blood stream in it's purest form, to provide the best therapeutic action.
- Absorbed from the buccal cavity (**Buccal Absorption**) directly into the blood stream. Thus, making the treatment effective and almost instantaneous.



METHOD OF ACTION

HOW TO USE A PASTILLE?

-  The pastille must be kept in the mouth **without chewing**, and be sucked slowly for better efficacy.
-  The medicine is absorbed from the **buccal cavity**, and it directly enters into the blood stream, bypassing the digestive absorption.



A decorative banner at the top of the page features a repeating pattern of medical icons on an orange background. The icons include various pills, capsules, syringes, and mortar and pestles. The banner is curved at the top and bottom edges.

BUCCAL ABSORPTION- INSTANT ACTION

- Buccal mucosa is made up of soft tissues, and is **rich in blood** supply
- When the pastille is placed on the floor of the mouth, the **high concentration** of the extract in the pastille, immediately mixes with saliva, and gets **solubilized**
- As it dissolves, the **high permeability** in the mouth allows it to quickly enter the blood stream, through the blood vessels connecting our tongue, delivering the extract into the blood circulation system
- As this route **bypasses the stomach**, almost 100% extract in its active form is delivered, allowing one to reap all the health benefits of the product



ADVANTAGES OF BUCCAL ABSORPTION

Bypasses the gastrointestinal absorption, thereby **minimizing gastric side effects** and **maximizing instant action**

In case of **GI Absorption**, the liver enzymes render some products **ineffective to almost 50%** of its ability, and negligible amount of the product is available for therapeutic action

The Pastilles, on the other hand, allows buccal absorption of almost 100% of the active ingredient, and thus **quick availability** of active ingredient in the blood stream, providing **instant relief**



DIFFERENCE BETWEEN BUCCAL ABSORPTION AND CONVENTIONAL ORAL ADMINISTRATION (CAPSULES/TABLETS)

BUCCAL ABSORPTION

Quick, as absorption begins in the oral cavity

Bypasses the hostile environment of the gastrointestinal tract

Rapid absorption and direct entry into the systemic circulation, makes the treatment effective and almost instantaneous

Can be taken anywhere and used without water

Safe for adults and children

Ideal for those suffering from digestive complaints that can hinder the absorption of nutrients

CONVENTIONAL ORAL ADMINISTRATION

Longer transit time through the gastrointestinal tract, influenced by gastric emptying time, presence of food etc. (Poor permeability)

Hostile gastrointestinal environment leads to degradation of the product

First pass effect and bio-transformation processes determine the drug bioavailability (Poor Bioavailability)

Needs water to swallow which could be problematic for elderly patients and is unsuitable for young children



SOME INTERESTING FACTS ABOUT PASTILLES/ LOZENGES



World's only **MOUTH DISSOLVING** lozenges



Sugar Free and 100% Natural Ingredients



All 3 Pastilles demonstrates **HIGHEST Bio-availability** in Human Study



Thermo reversible technology



Globally patented German technology, and **global patents in 5 countries**



Pleasantly Flavoured (No pungent smell)

**MANUFACTURING
FACILITY -
INSPECTED AND
APPROVED BY**



US-FDA FOR OTC DRUG (OTX)



FDA-Philippines



TFDA-Tanzania



WHO-GMP



NAFDAC-Nigeria



FDA-Ghana



RANGE OF PASTILLES

ALLMERIC
(Turmeric Extract)



GARLUM
(Garlic Extract)



WELLGIN
(Ginger Extract)



ALLMERIC

- ALLMERIC contains **Curcumin**, a naturally occurring anti-inflammatory and antiseptic medicine extracted from Turmeric
- ALLMERIC is equivalent to (45 times Pure Turmeric) and (450 times Turmeric Extract)
**(100 MG = 45,000 MG
i.e 1 PASTILLE – 9 TEASPOONS)**

- Exhibits **SUPRA BIO AVAILABILITY OF 930%**.
- GLOBALLY PATENTED –
Exported to 25 countries-including
**USA, UK, SPAIN, ITALY, FRANCE, GERMANY
AND JAPAN**



ADVANTAGES OF ALLMERIC

No First Pass effect

Can be combined with Various Treatments

ALLMERIC works much better than Conventional Turmeric, which is being used as herbal medicine for over **2500 YEARS**

The 4 pillars of ALLMERIC are:

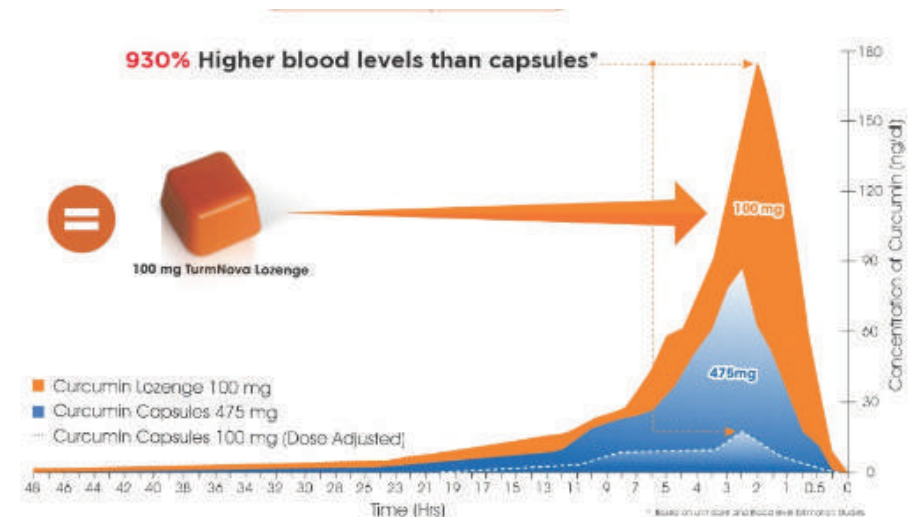
Anti-inflammatory | Anti-infective

Anti-oxidant | Immuno-modulator

ALLMERIC also contains Eucalyptus Oil and Menthol for good taste and soothing effect

High Systemic Bioavailability

Ease of administration





UNIQUE ACTIONS OF ALLMERIC FOR DIFFERENT THERAPIES

FOR OTC PROMOTION
The key and most important aspect - **IMPROVES IMMUNITY**

FOR PRESCRIPTION GENERATION
WIDE SPECTRUM OF BIOLOGICAL ACTIONS

- 1. Anti-Inflammatory
- 2. Anti-Oxidant
- 3. Anti-Bacterial
- 4. Anti-Viral
- 5. Anti-Fibrotic
- 6. Anti-Fungal

ALLMERIC is PRESCRIBED FOR:

- 1. Common Conditions
- 2. General ENT Concerns
- 3. Common Skin Disorders
- 4. Oxidative Stress
- 5. Faster Post Surgical Recovery
- 6. Accelerated Wound Healing
- 7. Dental Procedures





FREQUENTLY ASKED QUESTIONS



Why should I take ALLMERIC instead of Turmeric powder in milk?

The household Turmeric powder cannot be taken as a whole and when taken with milk, it reaches the stomach, gets metabolized and loses its potency for effective action.

How does ALLMERIC help in treating wounds?

ALLMERIC is an oral formulation and not intended for treating wounds by local applications. However, Curcumin aids in the wound healing process due to its strong anti-oxidant properties and can be taken orally for rapid recovery concomitantly with other prescribed medicines and dressings by the physician.

Can ALLMERIC help to boost immunity?

Turmeric is an immuno-modulator and helps to increase immunity. Regular consumption of ALLMERIC will help boost immunity.



 **Can ALLMERIC be taken for pain relief?**

The anti-inflammatory activity of Curumin has been researched and found to be equally potent to that of modern medicines such as NSAIDs. ALLMERIC is useful in pain relief for various types of joint and muscular pains and may help in reducing discomfort and pain associated with menstrual symptoms. It is recommended to take ALLMERIC daily for patients with arthritis to experience pain-free movements.

 **Are antiseptic properties of Turmeric persevered in ALLMERIC?**

ALLMERIC contains the purest form of Turmeric retaining all its natural goodness. The antiseptic properties of ALLMERIC is useful for quick recovery for healing wounds, ulcers and is thus indicated in the treatment for healing of ulcers, soft skin tissue injuries, gastro-intestinal ulcers and relief from the symptoms of dyspepsia and indigestion.

 **Can ALLMERIC be taken for treating bad breath?**

Yes, certainly. ALLMERIC preserves the natural antiseptic properties of turmeric that kills disease causing germs present in the oral cavity responsible for bad breath. ALLMERIC is flavoured with the natural aromatic oils of menthol and eucalyptus that adds lingering freshness lasting for long periods.

WELLGIN

WELLGIN contains highly active form of Ginger, that undergoes **systemic drug absorption** to give the best results!

We use modern product delivery technology, to manufacture **WELLGIN**, thereby preserving the natural goodness of Ginger.

WELLGIN's major advantage for South East Asia (As Ginger consumption is high)

1. WELLGIN will give the benefit equivalent to 5 gms of Fresh Ginger
2. This can be taken at any time, without having to cut fresh ginger.



**Very convenient during traveling,
while working and when out of home**





THERAPIES WITH WELLGIN



FOR PRESCRIPTION GENERATION Nausea

1. Pregnancy Related Nausea (Morning Sickness)
2. Travel Related Nausea (Motion Sickness)
3. Chemotherapy Related Nausea
4. Radiation related Nausea
5. Vomiting



FOR OTC PROMOTION

Suppresses Cough (a good anti tussive)
Assists in fighting RTI (Respiratory Tract Infection)
Helps in Digestion, Inflammation and Stress

**WELLGIN CAN BE TAKEN AS AND WHEN
REQUIRED, WITHOUT ANY LIMITATIONS**



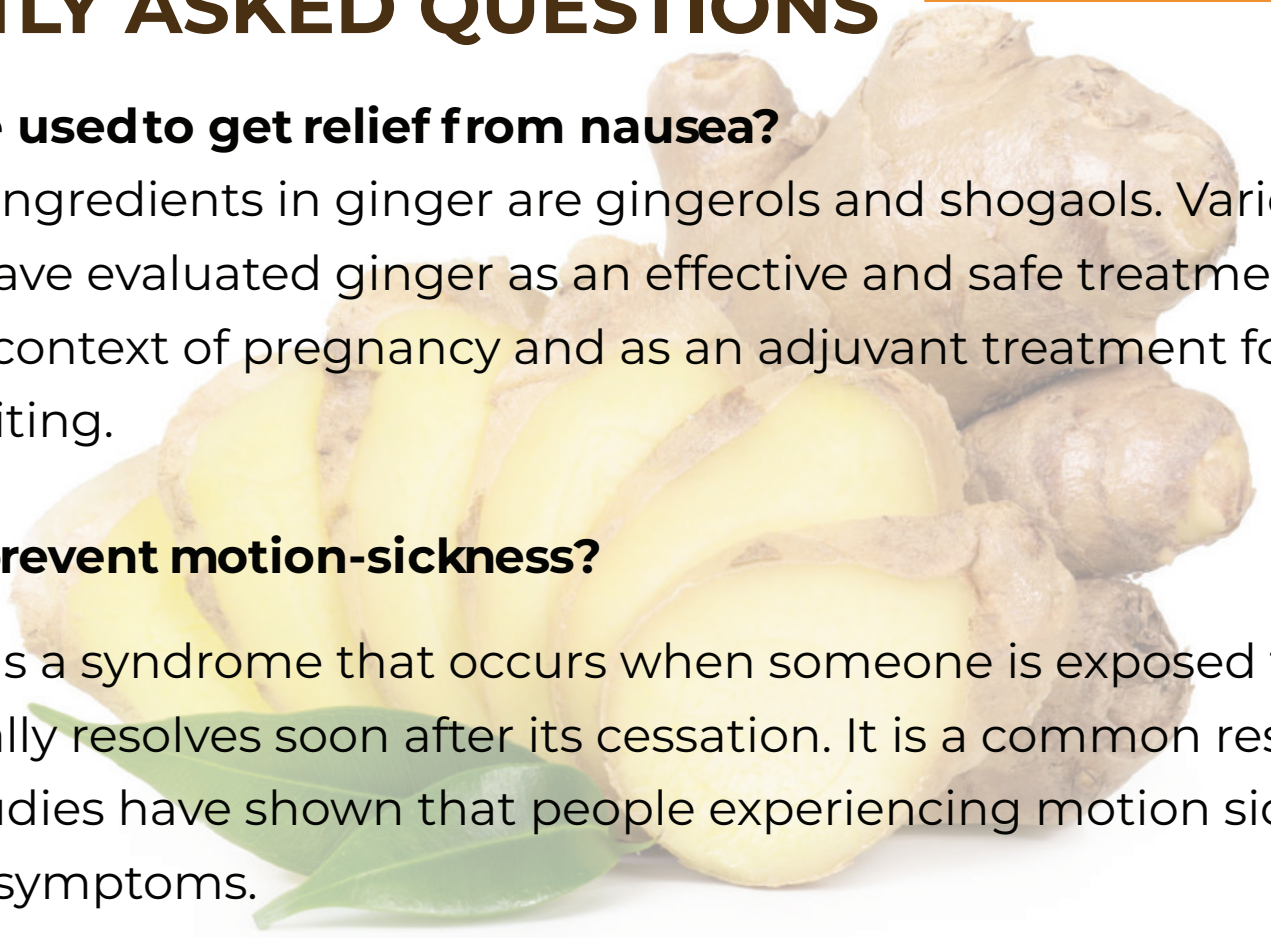
FREQUENTLY ASKED QUESTIONS

Can WELLGIN be used to get relief from nausea?

The most active ingredients in ginger are gingerols and shogaols. Various preclinical and clinical studies have evaluated ginger as an effective and safe treatment for nausea and vomiting in the context of pregnancy and as an adjuvant treatment for chemotherapy-induced nausea and vomiting.

Does WELLGIN prevent motion-sickness?

Motion sickness is a syndrome that occurs when someone is exposed to certain types of motion and usually resolves soon after its cessation. It is a common response to motion stimuli during travel. Studies have shown that people experiencing motion sickness often use ginger to alleviate their symptoms.



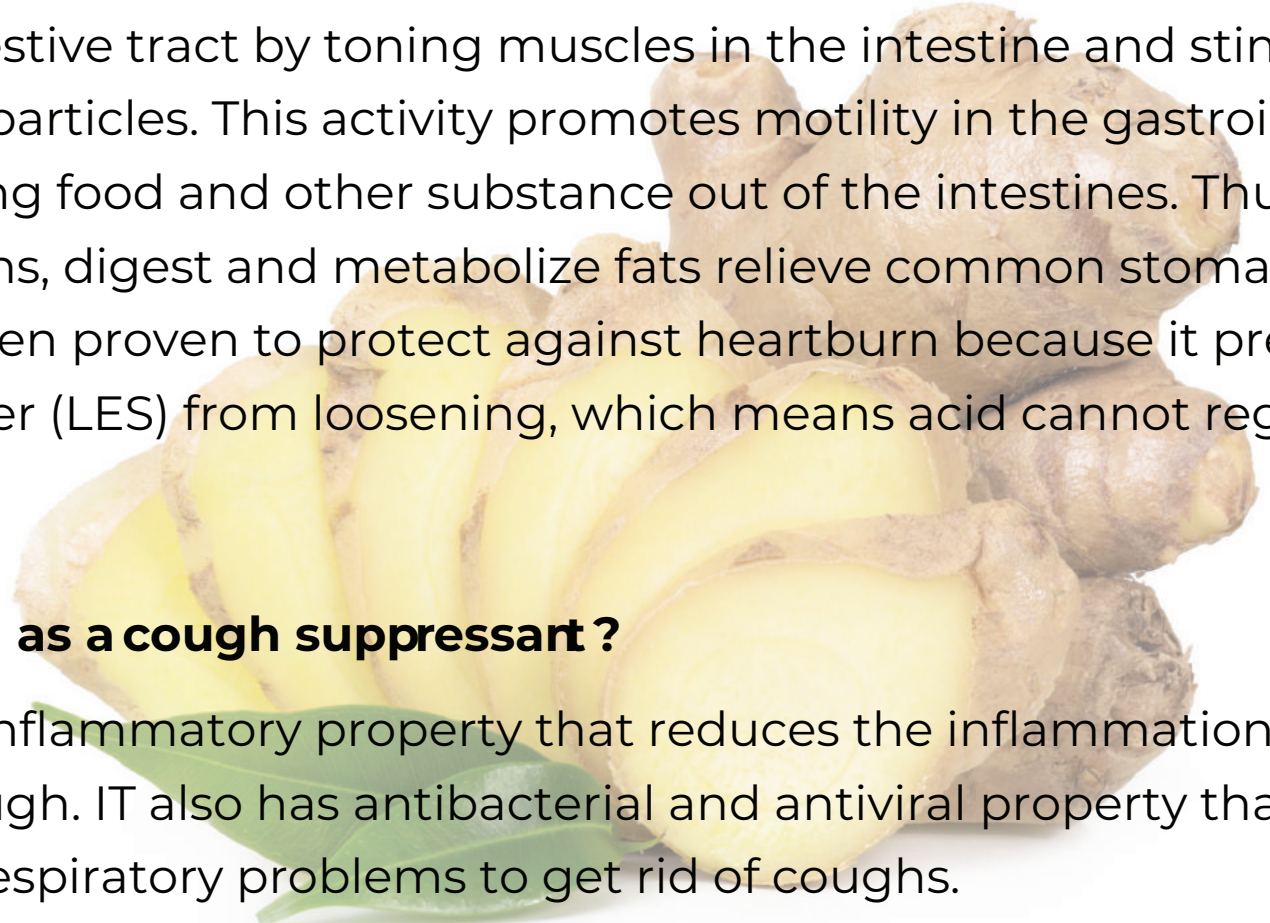


 **Does WELLGIN help in Digestion?**

Ginger aids the digestive tract by toning muscles in the intestine and stimulating the breakdown of food particles. This activity promotes motility in the gastrointestinal tract and assists in transporting food and other substance out of the intestines. Thus, ginger can help soothe your gas pains, digest and metabolize fats relieve common stomach pains. Infact ginger has been proven to protect against heartburn because it prevents the lower esophageal sphincter (LES) from loosening, which means acid cannot regurgitate back into the esophagus.

 **Can I take WELLGIN as a cough suppressant ?**

Ginger has an anti-inflammatory property that reduces the inflammation in the throat and chest caused by cough. IT also has antibacterial and antiviral property that relieves you from cold, flu and other respiratory problems to get rid of coughs.



GARLUM

- GARLUM contains at least **33 sulphur compounds** like alliin, allicin and others
- One of the most biologically active compounds is **allicin**
- There is increase in popularity of garlic and its derivatives, to be used as **potential natural remedies**

GARLUM's major advantage for South East Asia
(As Garlic consumption is high)

1. GARLUM will give the benefit equivalent to 1 bulb of Fresh Garlic
2. This can be taken at any time, without having to cut fresh garlic

**Very convenient during traveling,
while working and when out of home**





THERAPIES WITH GARLUM



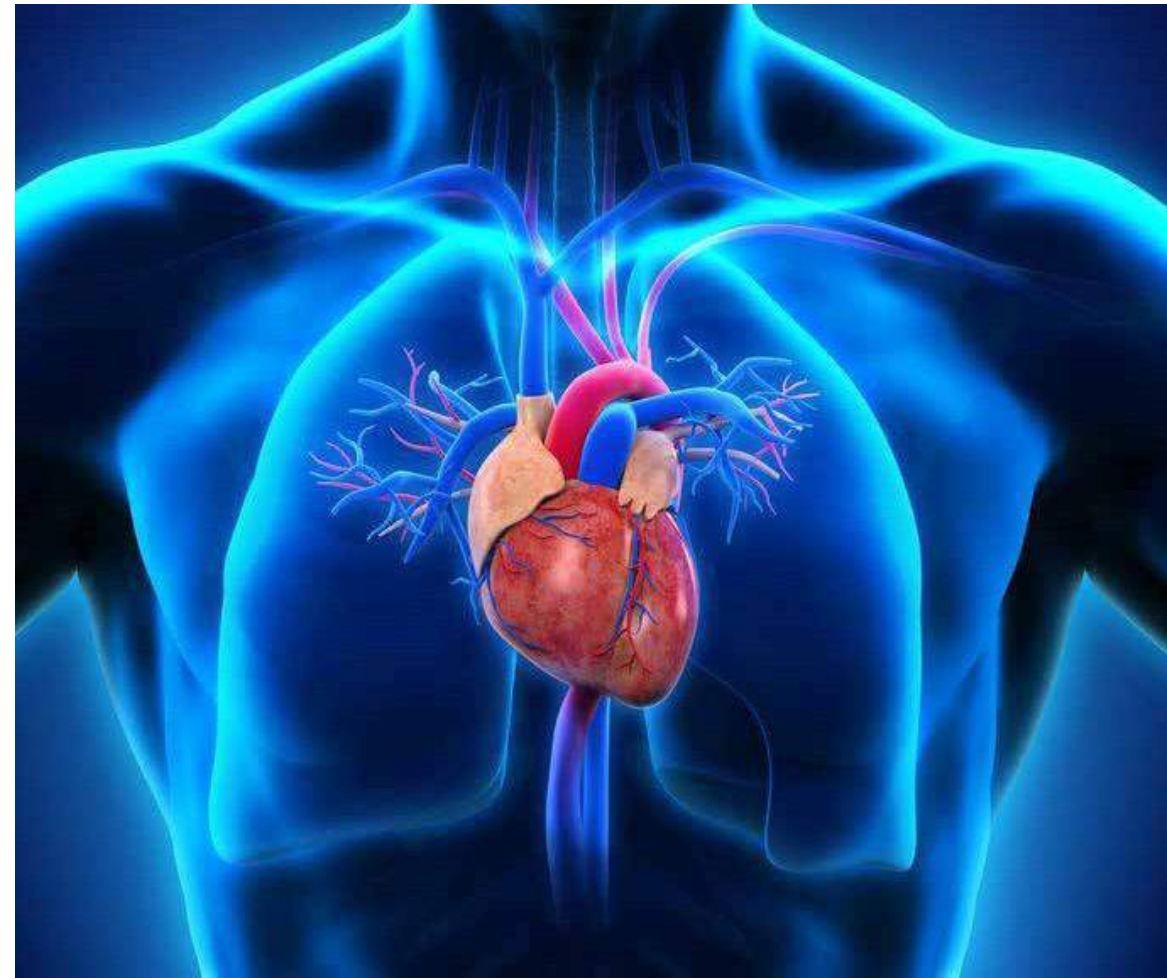
FOR PRESCRIPTION GENERATION

High Cholesterol and High Blood Pressure
(Very effective in Control of Cholesterol
and Tri Glycerides)



FOR OTC PROMOTION

- ♥ Complete Heart Protection –
ONE SOLUTION FOR YOUR HEART
- ♥ Powerful Anti-Oxidant
- ♥ Helps in Boosting Immunity
- ♥ Complete Health Supplement





FREQUENTLY ASKED QUESTIONS



Can GARLUM be used for treating high cholesterol levels?

Latest research by The University of Adelaide and the National Institute of Integrative Medicine has found that garlic supplements help in reducing cholesterol in those with elevated levels by 8 per cent. This 8 per cent reduction is significant as it is associated with a 38 percent decrease in the risk of coronary events for those at 50 years of age.

Does GARLUM have antioxidant properties?

GARLUM contains Garlic Extracts, which contains antioxidants that support the body's protective mechanisms against oxidative damage. High doses of garlic have been shown to increase antioxidant enzymes in humans, as well as significantly reduce oxidative stress in those with high blood pressure.

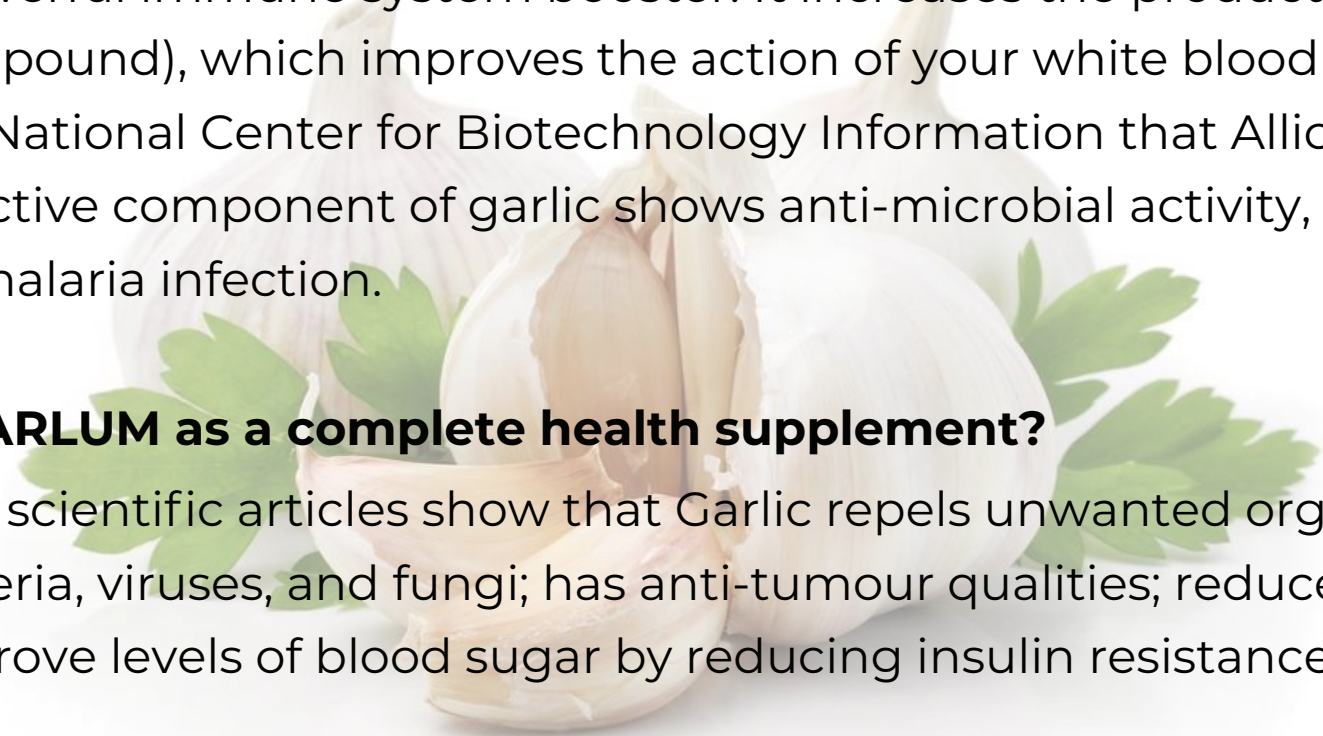


 **Can GARLUM help to boost immunity?**

Garlic is a powerful immune system booster. It increases the production of interferon (antiviral compound), which improves the action of your white blood cells. It was published in National Center for Biotechnology Information that Allicin, which is the major biologically active component of garlic shows anti-microbial activity, could partially protect host during malaria infection.

 **Can I take GARLUM as a complete health supplement?**

Thousands of scientific articles show that Garlic repels unwanted organisms, including harmful bacteria, viruses, and fungi; has anti-tumour qualities; reduces risk for heart disease; and may improve levels of blood sugar by reducing insulin resistance.






Surgeway

THANK YOU

Surgeway Biosciences

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