

# Aging...

*a major risk factor for many chronic diseases such as diabetes, CVD & neurological disorders<sup>1-3</sup>*

**Decreases systemic Nicotinamide adenine dinucleotide (NAD<sup>+</sup>) biosynthesis & leads to<sup>1-3</sup>...**

- **Mitochondrial decay**
- **Oxidative stress**
- **DNA damage**
- **Cognitive impairment**
- **Inflammatory conditions...**

To reverse aging process & prevent  
aging-associated diseases<sup>1</sup>

*Introducing...*



# **NMN**<sup>TM</sup> *Plus*

***Nicotinamide mononucleotide (NMN) +  
Astaxanthin + Resveratrol + Vit E + Zinc Tablets***

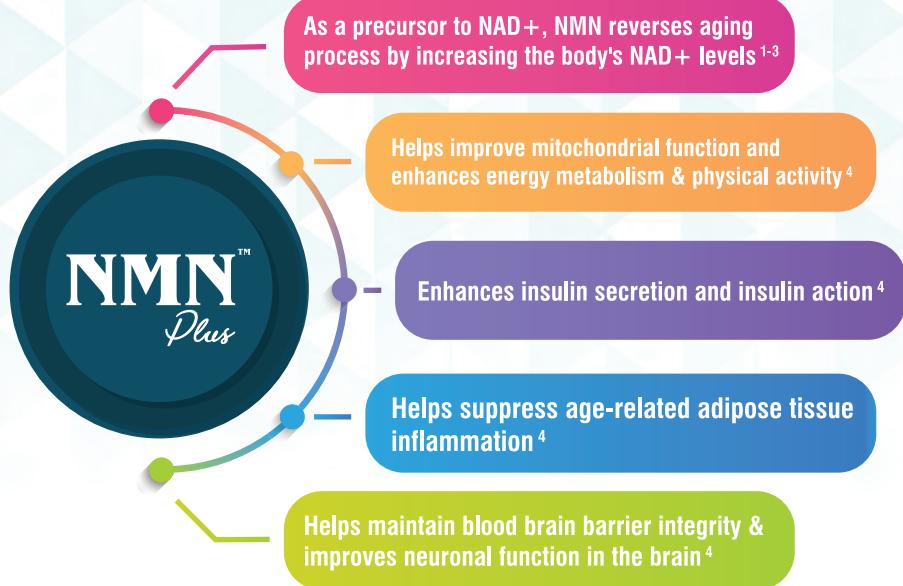
- *NAD+ Precursor*
- *Supports healthy aging*
- *Cellular energy optimization*
- *Improved cognition*
- *Improves quality of life*



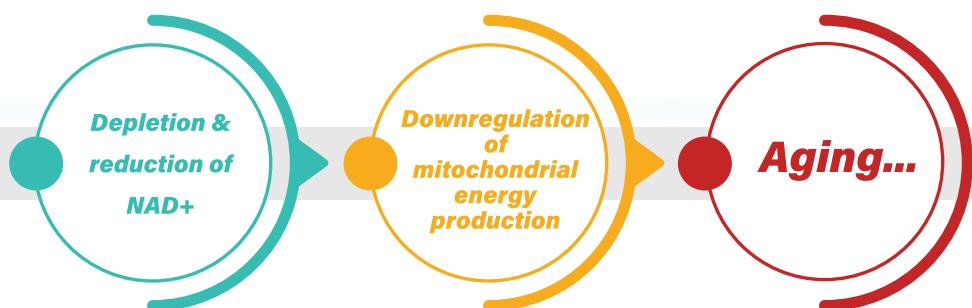
...for better health and longer lifespan

## Nicotinamide mononucleotide (NMN)<sup>2</sup>

anti-aging, anti-apoptotic, anti-inflammatory and mitochondrial rejuvenator



## The mechanism of NMN anti-aging<sup>2</sup>



**NMN<sup>TM</sup> Plus**

**1**

**Increases NAD + biosynthesis (Salvage & Preiss Handler pathways)**

**2**

**Increases NAD+ levels in body**

**3**

**Reverses aging process**

**4**

**Prevents age - associated diseases**

## Antiaging Effects of NMN in Human Clinical Trials<sup>1-3</sup>

**Helps reduce amyloid precursor protein expression to enhance mitochondrial bioenergetic functions<sup>2</sup>**

**Enhances mitochondrial oxidative metabolism & mito-nuclear protein imbalance in skeletal muscles to suppress aging-induced weight gain<sup>2</sup>**

**Helps to promote capillary density and blood flow by activating the vascular sirtuin 1 protein and improves cognitive performance<sup>1,2</sup>**

**Improves hepatic insulin sensitivity by restoring circadian rhythm, inflammation, and oxidative stress gene expression<sup>2,3</sup>**

## Resveratrol<sup>5</sup>

**Potent anti-apoptotic, anti-inflammatory and mitochondrial rejuvenator**

Helps to stimulate antioxidant enzymes activity (SOD & CAT)

Inhibits reactive oxygen species production

Suppresses oxidative stress

Helps to activate antiaging factor sirtuin' (Sirt1)

Increases mitochondrial biogenesis

Improves mitochondrial function

Promotes the activities of nuclear-factor kappa B and Sirt1

Decreases inflammatory markers levels

Inhibits inflammation

Upregulates Sirt1 to promote forkhead box protein O1

Modulates apoptotic proteins levels

Regulates apoptosis

## Astaxanthin<sup>6</sup>

**Powerful antioxidant, geroprotector and immune-modulator**



- Helps protect mitochondrial double membrane system and improves energy production
- Improves skin elasticity, moisture content, and texture by reducing lipid oxidation
- Helps reduce neuronal deficits and protects the brain from oxidative damage
- Helps balance the immune system and suppresses inflammation
- Improves glucose metabolism in diabetics and reduces visceral body fat mass

## **Vitamin E & Zinc<sup>7,8</sup>**

**antioxidant, anti-inflammatory, and anti-apoptotic agents**

*Improves neurovascular coupling responses and cognitive performance*

*Helps increase the lifespan by regulating oxidative stress, energy metabolism, nutrient sensing, and epigenetics*

*Helps to prevent amyloid beta-associated ROS from forming and decreases oxidative stress markers*

*Enhances neuronal survival by decreasing the production of pathologic Alzheimer's disease proteins*

*Improves collagen synthesis and helps to maintain skin firmness and elasticity*

**NMN<sup>TM</sup>**  
**Plus**

*...for better health and longer lifespan*

# NMN<sup>TM</sup> Plus

**Nicotinamide mononucleotide (NMN) +  
Astaxanthin + Resveratrol + Vit E + Zinc Tablets**



## Brain & Nervous System

*Enhances cognition & motor function*



## Liver

*Promotes glycogen & fat metabolism*



## Lymphoid Tissue

*Promotes endothelial function*



## Heart

*Cardio protection*



## Kidney

*Renal protection*



## Pancreas

*Promotes insulin secretion*



## Adipose Tissue

*Enhances fat metabolism & weight loss*



## Muscle

*Enhances insulin sensitivity*

**...for better health and longer lifespan**

# NMN™ Plus

## Indications

- *Age- and diet-induced diabetes*
- *Age-associated physiological decline*
- *Aging-induced cognitive impairment*
- *Age-associated decline in DNA repair capacity*
- *Age-associated vascular dysfunction and oxidative stress*
- *Arthritis*
- *Alzheimer's disease*



## Dosage

**1 or 2 Tablets daily or as directed by the doctor**

## Reference:

1. *Advances in Nutrition* 2023; 14: 1416 – 1435
2. *J Adv Res.* 2022 Mar; 37: 267–278
3. *Mar Drugs.* 2020 Jul; 18(7): 351
4. *Integr Med (Encinitas).* 2020 Feb; 19(1): 12–14
5. *Oxid Med Cell Longev.* 2021; 2021: 9932218
6. *Molecules.* 2022 Nov; 27(21): 7167
7. *Pathobiol Aging Age Relat Dis.* 2015; 5: 10.3402
8. *Clin Interv Aging.* 2006 Mar; 1(1): 81–91

## Marketed by:

**Yassh Pharma Pte Ltd.**

50, Kallang Pudding Road, # 05-01 AMA Building, Singapore - 349236  
[www.winbioz.com](http://www.winbioz.com) | Ph: 61007989



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