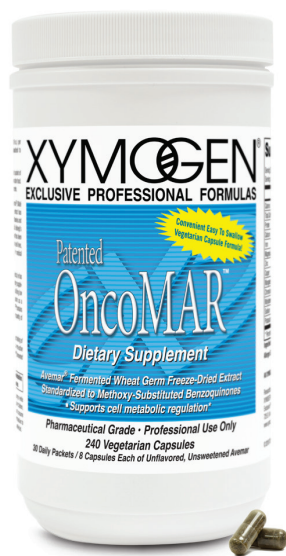


# OncoMAR™

Fermented Wheat Extract Germ Standardized to Methoxy-Substituted Benzoquinones (Avemar™ pulvis)



Available in 240 capsules & 30 powdered packets

## Discussion

OncoMAR™'s dramatic effects are the result of at least six different mechanisms of action. The most unique mechanism is its ability to selectively inhibit non-oxidative glucose metabolism in cells that typically use glucose at a 10-50 times higher rate than normal cells.<sup>[1]</sup> The formula does not have any effect upon the glucose metabolism of healthy cells unless it is given at 50 times the recommended dose.<sup>[2]</sup> Two other mechanisms are its actions of inhibition of PARP (poly-ADP-ribose), an enzyme needed to repair DNA breaks,<sup>[3]</sup> and enhancement of Caspase-3, an enzyme that initiates apoptosis.\*<sup>[4]</sup>

Research also demonstrates OncoMAR™ restores normal metabolic pathways of healthy cells and increases production of their related RNA and DNA, while reducing synthesis of these nucleic acids in abnormal cells.<sup>[5]</sup> Furthermore, OncoMAR™ assists the NK cells in identifying targets for attack by suppressing the abnormal cells' ability to generate a surface molecule ("MHC-1") used by these cells to mask themselves from the immune system.<sup>[6,7]</sup> OncoMAR™ optimizes the functioning of macrophages, T-cells and B-cells. It normalizes the imbalance of cellular and humoral (Th1/Th2) immune function that results from age and stress.<sup>[8,9,10]</sup> The formula also inhibits COX-1 and COX-2 enzymes.\*<sup>[11]</sup>

Dr. Albert Szent-Gyorgyi, a 1937 recipient of the Nobel Prize in Medicine initiated development of this formula. His theory regarding the stabilization of cell metabolism with DMBQ (2,6-dimethoxy-p-benzoquinone), a naturally-occurring molecule, inspired Dr. Maté Hidvegi of Hungary to develop and patent the formula in 1989.\*<sup>[12]</sup>

OncoMAR™ is FDA GRAS-certified. Each single-serving packet of capsules/powder of OncoMAR™ contain the same dose (5.5g) of the identical Avemar consumed and well-tolerated in numerous clinical trials. OncoMAR™ is used adjunctively to enhance standard protocols, or can be used by almost anyone as a stand-alone supplement for well-being. Hematological values remained within normal range after one, three, and five years of formula use.\*

## Clinical Applications

- » Supports Cell Metabolic Regulation\*
- » Supports Immune System Modulation\*
- » Maintains Healthy Cellular and Humoral (Th1/Th2) Immune Balance\*
- » Promotes Optimal Natural Killer (NK) Cell Targeting Ability\*
- » Promotes Coordinated Response of Macrophages, B-Cells and T-Cells\*

*OncoMAR™ contains a proprietary nutritional ingredient, Avemar. The active ingredient is produced by fermentation of wheat germ by baker's yeast and is standardized for the compound DMBQ (2,6-di-methoxy-substituted benzoquinones). More than 100 animal and human studies, resulting in more than 30 articles in peer-reviewed medical journals have demonstrated efficacy, mechanism of action and safety.\**

Most people who use OncoMAR™ daily have reported within three weeks they notice increased energy, improved appetite and a generally improved quality of life. However, depending upon the individual case, results may vary.\*

**OncoMAR™ Supplement Facts**

Serving Size: 1 Packet (8 capsules)

	Amount Per Serving	% Daily Value
Calories	20	
Total Carbohydrates	1 g	<1%*
Protein	3 g	6%*
Calcium	12 mg	1%
Iron	1 mg	6%
Magnesium	54 mg	14%
Zinc	2 mg	13%
Copper	0.1 mg	5%
Manganese	3 mg	150%
Chromium	7 mcg	6%
Molybdenum	26 mcg	35%
Sodium	10 mg	<1%
Potassium	170 mg	5%

\* Percent Daily Values are based on a 2,000 calorie diet.

**Ingredients:** Freeze-dried fermented wheat germ extract, calcium phosphate, silica, and magnesium stearate.**Allergen Statement:** This product contains wheat and yeast ingredients.

**Suggested Usage:** As a dietary supplement for adults, take one 8-capsule packet of OncoMAR™ per day. Best absorbed on an empty stomach, 1 hour before or after food. Consume 2 hours before or after taking any drugs or other dietary supplements.

**DOES NOT CONTAIN:** Corn protein, soy, animal or dairy products, artificial colors, artificial sweeteners, or preservatives.

**CAUTIONS:** Keep out of reach of children. Should not be taken during pregnancy or while nursing. Consult with a healthcare professional for recommended usage levels for children, and for guidance on using more than 1 OncoMAR™ packet per day. Do not consume OncoMAR™ if you have had an organ or tissue transplant, or if you are hypersensitive to wheat or yeast. This product is not intended to be the sole source of nutrients in the diet.

**STORAGE:** Store in a cool dry place, 41-79°F (5-26°C).

**References**

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Additional references available upon request

All XYMOGEN® Formulas Meet or Exceed cGMP Quality Standards.

\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.