



Quatrefolic®

Online

1° issue
3rd quarter

A lot of great things are happening at Gnosis, and we're always looking for ways to share our story with our clients, colleagues, customers, as well as the media.

In our brand new Quatrefolic Online Newsletter you'll find recent press releases, information on upcoming events, and tools for you to learn more about our product. Quatrefolic Online deals with the latest trends in the folate supplementation world.

Paolo Malesani
Commercial Director Gnosis Spa



Pills



Quatrefolic® efficiently normalizes the folate status of all potential subjects including who own impaired and/or defective enzymes involved in the metabolization of folate and folic acid (low enzyme expression and/or polymorphism).



There is concern that high intakes of folic acid from fortified food and dietary supplements might mask the vitamin B12 deficiency, thereby eliminating an important diagnostic sign, instead Quatrefolic® in unlikely to mask vitamin B12 insufficiency.

Go inside Quatrefolic® world

We are proud to announce the publication of Quatrefolic® White Paper, a new tool to know more about this key ingredient and its powerful role in human health. We present findings that demonstrate the peculiar advantages of supplementation of 5-MTHF glucosamine salt versus folic acid and how Quatrefolic® is winning consumer preferences.

Without forgetting the scientific and technical aspects that distinguish Quatrefolic® from the other folates, we have chosen an intuitive and synthetic style of communication addressed to distributors, manufacturers and end-users, who ever more look to their health and want to increase their awareness. **The White Paper allows the reader to go into the world of folate and understand what a revolution is taking place with Quatrefolic®.**



Stay tuned!

Every day new evidence is shared by the scientific community and is designed to educate and inform health practitioners and final consumers about folate deficiency and its role in health problems.

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White paper

International Trade Show and Conference

The global nutraceutical event is growing each time and this year is no exception. The nutraceutical business meets in Las Vegas.

We are at Supply Side West October 7th-9th, showcasing Quatrefolic® and all our products, at our newly designed booth, with our sales staff, news and innovations to welcome you at best.

**10th International Conference
One Carbon Metabolism, vitamins B and
Homocysteine**



The second week of July 2015 was an electrifying week for experts in the folate world, because they assembled in the 10th International conference One Carbon Metabolism and Homocysteine (held in Nancy, on July 7th - 11th, 2015).

The increasing knowledge about the role of micronutrients clearly indicates that maintaining the balance and levels of folate, vitamin B12 and S-Adenosylmethionine (S-AMe) can be critical to support various cellular processes, which influence the development, prevention and treatment of various disease states.

Quatrefolic®, the most bioavailable form of folate, can be the preferred choice for active folate supplementation in synergy with S-AMe to support and regulate the methylation cycle.

TO KNOW MORE...

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.

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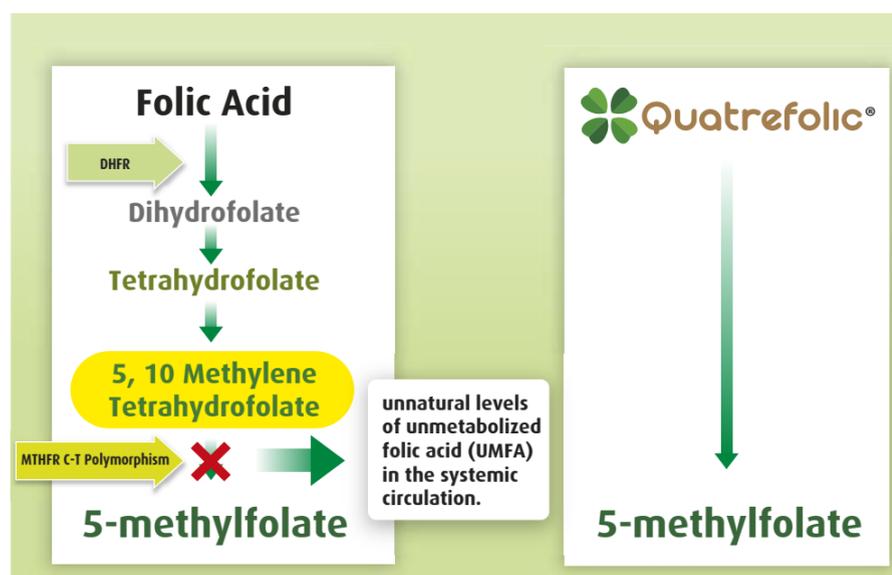
The scientific highlight:

**Folate
& folic acid
metabolism**

Much of the population benefits from taking folate in dietary supplements, but folate supplementation has some problems and there are two key things to bear in mind:

The limited ability of human gut to reduce folic acid to 5-MTHF and related risk that the majority of a physiologic oral dose of folic acid passes into the portal venous circulation in an unmodified form.

The big variations in how efficiently folic acid is converted to the bioactive form in different people due to defect of MTHFR activity.



Huge part of recent publications on folate are focused on the inability of a part of world's population to metabolize folic acid from food or supplements and the relevant increase risk of adverse health outcomes due to unmetabolized serum folic acid (UMFA) found in the systemic circulation. MTHFR gene mutations affect over 40% of the world's population, however sadly this is largely ignored. Polymorphic MTHFR enzyme may function approximately 55% to 70% efficiency compared to a normal MTHFR enzyme.

One of the key advantage of Quatrefolic® is its ability to efficiently normalize the folate status of all potential subjects including who owns impaired folate metabolism without aiding to UMFA.



advanced biotech