

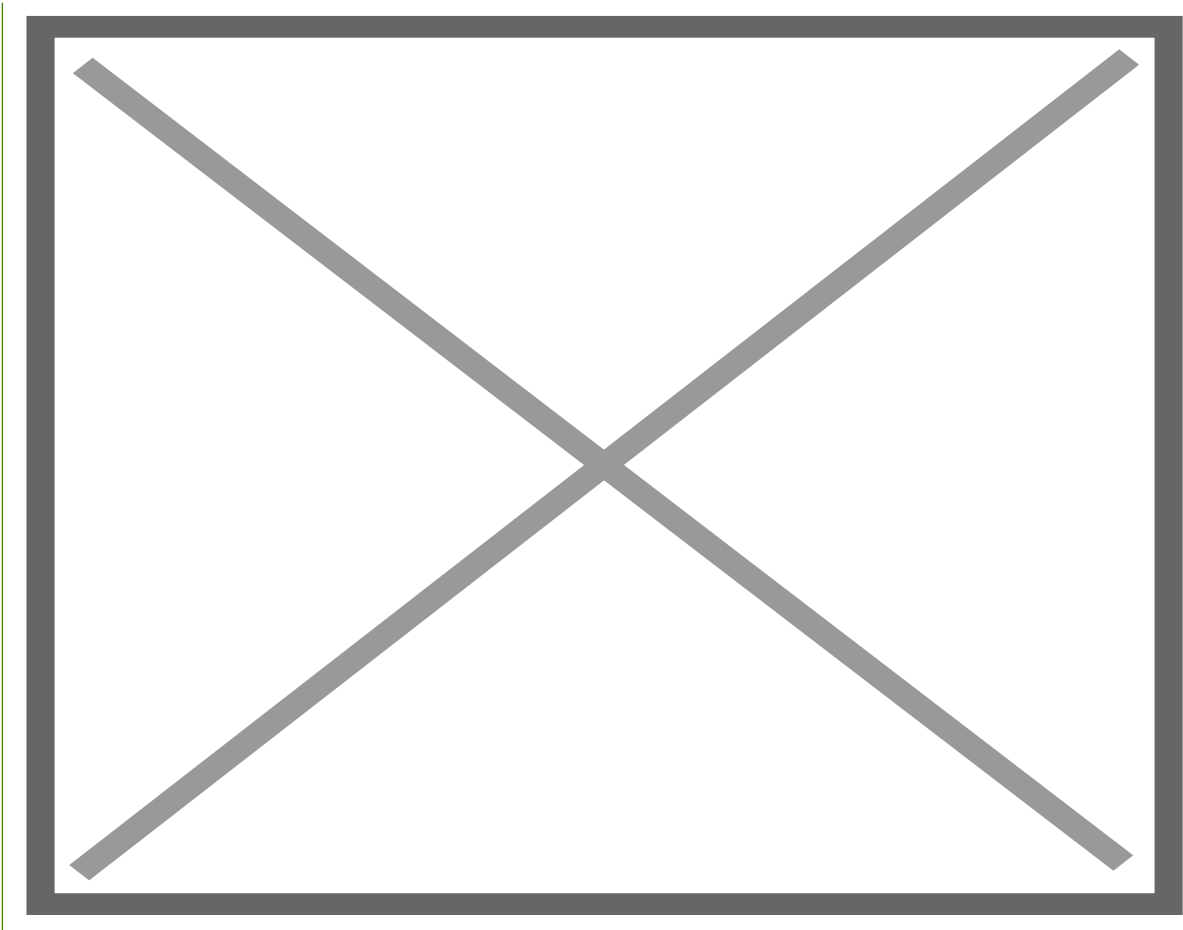
Nichi Glucan - A biological response modifier Beta Glucan

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Nichi Glucan has many advantages to be consumed as a continuous nutritional supplement in your daily life



**Nichi Glucan - A biological response modifier Beta Glucan -
based Japanese food supplement with potential
PROPHYLAXIS to COVID-19 as a vaccine ADJUVANT**



Amidst the ongoing COVID-19 pandemic, with vaccines and therapies yet to be made widely available and definitely applicable for all ages including those with co-morbidities, **an unique biological response modifier glucan (BRMG) called Nichi Glucan derived from a black yeast called *Aureobasidium pullulans* (AFO-202), manufactured in Japan** has been suggested to have potential as a **food supplement based vaccine adjuvant for COVID-19**, as it can act as an immune-modulating Beta Glucan on all the arms of immunity viz., innate, adaptive, mucosal and trained immunity (TRIM) to exert its effector actions in a balanced manner.

Nichi Glucan has the following advantages to be consumed as a continuous nutritional supplement in your daily life,

• One of its kind **water soluble** beta-glucan; can be mixed with food, drink or consumed as such.

• Manufactured in a **GMP facility** in Japan, approved as food additive in 1996.

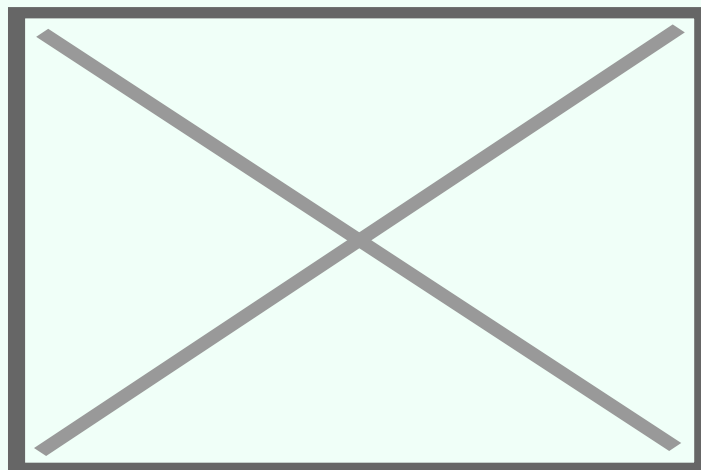
• It has been in **consumption in Japan by people of all ages** as a food supplement.

• It has potential to **balance blood glucose and lipid levels** when consumed regularly . A clinical pilot study has reported that **HbA1C could be well balanced**; published in peer reviewed journal. (<https://doi.org/10.1155/2012/895370>)

• Very high lipid levels was reported to be brought under control in another clinical study (<https://doi.org/10.3109/19390211.2013.859211>)

• Its potential as wide-spectrum immune-balancing **food-supplement-based enteric (?-WIFE) vaccine adjuvant approach to COVID-19** has been recently published wherein it could help in COVID-19 by virtue of its cytokine balancing effects, metabolic effects and ability to function in coagulation pathways in a beneficial manner as people with co-morbidities such as **diabetes, dyslipidaemia and those with high risk of coagulopathy leading to stroke** are vulnerable to develop severe COVID-19 (<https://doi.org/10.1080/21645515.2021.1880210>).

• Nichi Glucan has been able to help in **anti-cancer immunity in studies done in Japan in cancer patients and elderly healthy volunteers**. Clinical research is ongoing to use it as a supportive therapy for management of **gut dysbiosis** because of its prebiotic potentials.



Nichi Glucan is available commercially as a food supplement. For a better health and immunity, arm yourself by taking Nichi Glucan daily as a food supplement.

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