

**Granalix Bio Technologies Ltd.**

Granalix is a biotech start-up founded by Prof. Ruth Gabizon, a senior researcher of degenerative brain diseases at the Neurology Department at Hadassah University Hospital in Jerusalem, together with Prof. Shlomo Magdassi, an international expert in nanotechnology from the Casali Institute of Applied Chemistry of the Hebrew University.

GranaGard is the product of their joint work and the immense knowledge that they have accrued over the years in the various research domains. Granalix was founded as a subsidiary of Yissum, a technology commercialization company of the Hebrew University and Hadasit, the technology commercialization company of Hadassah Medical Organization.

**GranaGard**

The GranaGard nutritional supplement is based on an **innovative and patent pending formula, shown by studies to inhibit the onset of degenerative nervous system diseases** like dementia, Alzheimer’s, and Multiple Sclerosis.

GranaGard is manufactured from natural ingredients using an innovative formula of pomegranate seed oil (PSO), which contains an extremely high amount of **Omega 5** polyunsaturated fatty acid ([Punicic acid](https://en.wikipedia.org/wiki/Punicic_acid)), which is one of the most powerful **anti-oxidants** in nature.

[To read the entire study on](https://www.researchgate.net/publication/261293575_Pomegranate_Seed_oil_nanoemulsions_for_the_prevention_and_treatment_of_neurodegenerative_diseases_The_case_of_genetic_CJD) dementia, [click here](https://www.researchgate.net/publication/261293575_Pomegranate_Seed_oil_nanoemulsions_for_the_prevention_and_treatment_of_neurodegenerative_diseases_The_case_of_genetic_CJD).

[To read the entire](https://www.researchgate.net/publication/284433907_Treatment_of_a_multiple_sclerosis_animal_model_by_a_novel_nanodrop_formulation_of_a_natural_antioxidant) study on [anti oxidants and Multiple](https://www.researchgate.net/publication/284433907_Treatment_of_a_multiple_sclerosis_animal_model_by_a_novel_nanodrop_formulation_of_a_natural_antioxidant) Sclerosis,click [here](https://www.researchgate.net/publication/284433907_Treatment_of_a_multiple_sclerosis_animal_model_by_a_novel_nanodrop_formulation_of_a_natural_antioxidant).

**How does it work?**

Upon reaching the stomach, GranaGard PSO capsules divide into **submicron-droplets** **that do not break down in the liver, and can therefore be absorbed into the blood and from there reach the brain directly. There** they inhibit the formation of free radicals that cause the oxidation of proteins and lipids (fats). Once the Punicic Acid the active substances in the oil reach the brain, it convert in-vivo into CLA (conjugated linoleic acid) (, known to inhibit the formation of pathological Alzheimer’s proteins.

It is well known that antioxidants can protect our brain cells and keep them alive for longer. . This is why most of us know to eat foods that are high in anti-oxidants, such as olive oil, avocado oil, and tomato juice. The problem is that the anti-oxidants in these foods break down in the liver, and don’t reach the various target organs in sufficient quantities, especially the brain cells.

**GranaGard’s** innovative formula enables the anti-oxidants to be absorbed in the body, and more importantly, to be absorbed in the brain. The absorption of the anti-oxidants reduces the amount of free radicals in the body and protects the body from the damages of oxidation, which causes memory problems and various chronic ailments.

[Click here to view the company’s website](https://granalix.com/).

**Research Studies**

* Dr. Ofira Einstein - The Effect of GranaGard on Mice and Human Sport (in its initial stages, Ariel University).
* Dr. Ann Saada - The Effect of GranaGard on Mitochondrial Activity (in its initial stages, Hadassah Metabolic Laboratory)
* Clinical trial - Prof. Nir Gilad, M.D., Director of the Neurology Department at Ichilov and Prof. Esther Kahana, M.D., Director Emeritus of the Neurology Department at Barzilai Hospital (in the planning stages, Ichilov Hospital).
* Clinical trial in Multiple Sclerosis patients (in the planning stages, Hadassah Ein Karem).

**What Our Customers Say**

Many customers that took the GranaGard nutritional supplement reported an increase in overall alertness and physical and mental vitality. Some of the users also exhibited an improvement in their blood glucose and lipid levels.

**The Product**

Each bottle contains 60 soft capsules

Each capsule weighs 650 mg, and contains:

Pomegranate oil.............125 mg

**Ingredients:**

Emulsifying pomegranate oil (E-433, E-494), ethanol (2%), coagulant (fish gelatin), water, thickening agent (glycerin).

**Net weight:** 39 grams.

**Instructions:**

Take two capsules in the morning with breakfast.

Caloric value per capsule is less than 5 Kcal.

**Manufactured by Ambrosia Supherb Ltd. (Solgar Israel).**

**Kashrut**

[**https://granalix.com/he/%D7%9B%D7%A9%D7%A8%D7%95%D7%AA/**](https://granalix.com/he/%D7%9B%D7%A9%D7%A8%D7%95%D7%AA/)

**Prof. Ruth Gabizon’s lecture at the 2016 Prion Symposium in Tokyo, Japan**

[**Towards prophylactic treatments for carriers of pathogenic PrP mutations.**](https://www.youtube.com/watch?v=WxYfRO2jPHE&t=162s)