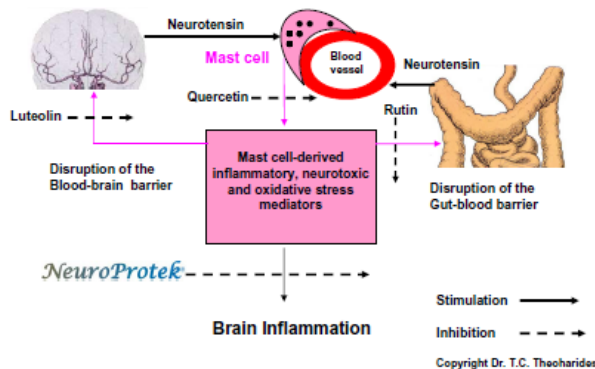


# Frequently Asked Questions

Portion of proceeds donated to Charity

**How might NeuroProtek® be helpful?** The active ingredients were selected to provide the maximum anti-oxidant, anti-inflammatory, mast cell inhibitory and neuroprotective effects.



**Schematic depiction of the proposed role of mast cells in gut-blood-brain barrier disruption and brain inflammation.** The peptide neurotensin that can be released from the gut or the brain, and was recently shown to be increased in the serum of autistic children, can stimulate mast cells to release molecules that disrupt the barriers. Luteolin acts mostly in the brain to reduce barrier disruption and brain inflammation, while rutin does so in the gut. Quercetin mostly inhibits mast cells and is preferentially metabolized in the liver to permit luteolin to act. Reference: Theoharides TC, Kempuraj D, Redwood L. Autism-an emerging “neuroimmune disorder” in search of therapy. *Exp Opin Pharmacotherapy* 10(13): 2127-2143, 2009

**What is the source for the flavonoids?** Each flavonoid found in NeuroProtek® is produced in the United States from flower sources. Typically, dietary supplements do not disclose the source or purity because they use less pure and therefore less expensive flavonoids brought in from other countries. Luteolin is the most abundant ingredient in NeuroProtek® because it is the most lipophilic and therefore more likely to enter the brain. This luteolin is from one of the safest sources, Chamomile, with the highest purity (>95%) available. The quercetin used in NeuroProtek® is from Sophora and like our luteolin is of the highest purity (>95%). Algonot specifically avoided the common source of quercetin, fava beans (which may cause anemia in people of Mediterranean descent). Rutin, the glycoside of quercetin, is also derived from Sophora with the highest purity (> 95%).

**Why Olive Kernel Oil (OKO)?** OKO was selected because flavonoids in powder form are not water-soluble and oral absorption would be less than 10%. Our research showed that OKO microspheres form once the flavonoid powder is mixed with OKO allowing 5-10 times higher absorption. In this research, different oils were tested and OKO had the best results for solubility and absorption; it also was the richest of all the oils tested for other useful anti-oxidant components. OKO, imported from Greece, is unrefined and specially prepared to meet Algonot’s specifications.

**What is the recommended dosage?** 2 capsules per 20 kg (44 lbs) of body weight daily. This is the minimal recommended daily dose. One should not exceed 8 capsules per day regardless of weight.

**Should the dose be given at one time or spread out during the day?** The dosing schedule should be whatever is most appropriate for the person taking NeuroProtek®. For best results, doses may be taken with meals and divided throughout the day.

**My child does not swallow pills and has sensory issues. Any ideas?** You may choose to cut the capsule open and squeeze out the suspension. We suggest cutting a small portion of the tip with a pair of scissors. This suspension may be put onto a spoon, mixed into liquids or solids, whatever the parents feel is most appropriate for their child.

**If I cut the tip open and squeeze out the ingredients, does this change the integrity or effectiveness?** It is best for the capsules to be swallowed so that the active ingredients may be absorbed in the intestine for otherwise they will start being broken down by mouth and stomach enzymes. We realize this is not possible for all and you may choose to increase the dose.

**If my child has gastrointestinal problems (bloating, food intolerance, diarrhea) is NeuroProtek® appropriate to give?** Yes. One of the active ingredients, Rutin, was specifically included for intestinal inflammation that may contribute to such symptoms.

**My child is on many prescription and OTC medications, as well as dietary supplements and homeopathic treatments. Is it safe to add NeuroProtek® to the present regimen?** There is no apparent reason to suspect that NeuroProtek® is likely to have any serious adverse interactions.\* However, this formulation, as with any other flavonoid, must be used with caution when used with drugs that are heavily metabolized by the liver as it may affect the resulting blood levels of such drugs. One of the most important aspects of caring for your child would be to make sure that a knowledgeable health provider reviews everything your child takes. \*Reference: Harwood M, Danielewska-Nikiel B, Borzelleca JF, Flamm GW, Williams GM, Lines TC. A critical review of the data related to the safety of quercetin and lack of evidence of in vivo toxicity, including lack of genotoxic/carcinogenic properties. *Food Chem Toxicol.* 2007 Nov;45(11):2179-205.

**How long before I can expect to see results?** As each individual differs, results may differ. Depending upon the severity of the symptoms and the age of the person taking NeuroProtek®, it may take at least 6 months before any significant benefit may be seen.

**For what period of time is it safe to take NeuroProtek®?** To the extent that all of the active ingredients in NeuroProtek® are natural, highly pure and safe, there is no particular time limit.

**Is NeuroProtek® approved by the Food and Drug Administration (FDA)?** Dietary supplements do not need FDA approval. However, a *Certificate of Free Sale* from the FDA covers NeuroProtek®. This certification ensures the amount, purity, source and manufacturing of the ingredients are in a facility inspected by the FDA and fulfilling Good Manufacturing Practices (GMP).

**Note: If there is any sign of an unexpected reaction, do not administer any more product and seek medical attention. The FDA has not evaluated these statements. This product and these statements are not intended to diagnose, treat, cure or prevent any disease.**

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