

What is Laminine?

When LPGN started down the path of looking to provide its customers a solid, proven nutritional supplement to aid the brain in regulating the body and build a stronger body, they searched for an amino acid and oligopeptide combination, which had all the required nourishment for the task at hand. They found numerous studies for the cause and effect of individual amino acids, peptides and hormones, not to mention an equal number of products touting high dosages of one over another as beneficial for consumption. What was not clear was how many companies had developed and proven the right “combination” of amino acids, peptides, and growth factors required? It didn’t surprise us to find there were none. So LPGN embarked on their own research project. They looked for a balanced amino acid/peptide blend in nature, which could meet their needs with minimal additions.

That is when they discovered that in 1929 a Canadian doctor, Dr. John Ralston Davison, theorized that an injected extract from fertilized hen eggs could be helpful for a number of his cancer patients. In fact, he spent well over a decade developing and researching his theory. However, when Dr. Davidson passed away in 1943, his research on fertilized hen eggs quickly and quietly came to a halt and was lost.

It wasn’t until almost 50 years later that the pursuit of fertilized hen egg extract was revived by Norway’s foremost expert on egg research, Dr. Bjodne Eskeland.

Dr. Eskeland also hypothesized that partially incubated, fertilized hen eggs contained a special combination of amino acids, peptides, and protein fractions that could help provide an incredible array of health benefits when consumed by humans. In theory, these partially incubated, fertilized eggs – specifically 9-day-old fertilized eggs, contain all the nutrients required to start a new life. This includes vitamins, minerals and proteins, as well as important defense factors, growth factors, hormones and other biologically active components. While not much was known about the growth factor at the time, the high level of oligopeptides (small peptides) gave credence to research we had done on the necessity of rapid transport across the digestive membrane in order to derive effective benefits from amino acids.

LPGN felt this could be the best “base” ingredient for their formulation. Laminine’s parent company, LifePharm (LPGN), looked into what was being done with this key ingredient that had so many benefits. They contacted the team of scientists in Norway working with it and now have exclusive rights for distribution and have it manufactured exclusively for us as Laminine.

A patented process extracts the critical nutritional fluid from the white of an egg at the protoembryonic stage, so they called it ProtoEmbryonic Stage Extract (PESE). The extract not only provided a mechanism of rapid transport of very critical nutrients, but also contained Basic Fibroblast Growth Factor, which is most probably responsible for the amino acids and peptides to be utilized in the right manner, by “directing” their correct use by the body. The growth factor is also responsible for nurturing the body’s own stem cells both differentiated, and undifferentiated. Common amino acid formulations do not contain this growth factor, and may not be utilized by the brain in the most efficient manner.

LPGN’s team of scientists lead by Dr. Alex Martin, a leading doctor in the study of nutritional supplements, at the LifePharm institute of technology went to work to develop the perfect supplement. Using PESE as a base ingredient, they looked at the symptoms caused most by our diets and environment and then looked to “super charge” the PESE for modern day use. Skin and hair health, moods (depression), memory loss, fatigue and cardiovascular health are most affected by today’s lifestyle.

Having a perfectly balanced, natural, transport mechanism, with a strong “director” with PESE LifePharm knew they were assured that the added amino acids will not only find their way to the right areas of the body, but will be guided properly to perform their function efficiently. They then added the amino acids most critical for the health of your skin, hair, memory function, cardiovascular health and restoration of energy, from natural plant protein and marine protein. These ingredients from land, sea, and sky combine to form the powerful symbiotic relationship of their base ingredient in Laminine we call OPT9.