



Corporate Profile:

Protext Mobility (publicly traded under TXTM) , through its acquisition of Plandai Biotechnology South Africa (pty) Ltd, is actively engaged in the research and clinical testing of “bioceutical” products—all natural ingredients formulated for pharmaceutical applications and processed under pharma-grade conditions. Phytofare® is a proprietary highly bioavailable extract produced from live green tea leaves. Our initial product, Phytofare® Catechin Complex, has been clinically proven to have 10 times greater bioavailability over generic catechin extracts. What this means is that Phytofare® can deliver a therapeutic level of catechins to the system where they remain active for over 24 hours. The Company has a worldwide exclusive license to develop Phytofare® in botanical drug applications

Background:

Metabolic syndrome is a cluster of conditions — increased blood pressure, a high blood sugar level, excess body fat around the waist and abnormal cholesterol levels — that occur together, increasing your risk of heart disease, stroke and diabetes. Diabetes type 2 is a long term metabolic disorder that is characterized by high blood sugar, insulin resistance, and relative lack of insulin. Common symptoms include increased thirst, frequent urination, and unexplained weight loss. Symptoms may also include increased hunger, feeling tired, and sores that do not heal. Long-term complications from high blood sugar include heart disease, strokes, diabetic retinopathy which can result in blindness, kidney failure, and poor blood flow in the limbs which may lead to amputations.

While low vitamin D levels are associated with an increased risk of diabetes, type 2 Diabetes is partly preventable by maintaining a normal weight, exercising regularly, and eating properly through dietary changes. When blood sugar levels are not adequately lowered, the medication Metformin is typically recommended to decrease liver glucose production; and can cause considerable side effects.

Levels of type 2 Diabetes have increased markedly since 1960 in parallel with obesity, and as of 2013 there were approximately 368 million people diagnosed with the disease compared to around 30 million in 1985. Typically it begins in middle or older age, although rates of type 2 diabetes are increasing in young people and is associated with a ten-year-shorter life expectancy and a poor quality of life.

In looking for a natural solution, epidemiological evidences indicate that populations with a high intake of green tea catechins benefit in terms of body weight, body fat, the balance of insulin and glucagon, maintaining blood glucose, and cardiovascular health. This is particularly true considering the strong research data from in vitro and animal studies where actions from green tea catechins have shown decreased carbohydrate absorption, decrease hepatic glucose production (The inability of insulin to suppress hepatic glucose production is a key defect found in type 2 diabetes) and increased insulin sensitivity (the relationship between how much insulin needs to be produced in order to deposit a certain amount of glucose).

However, transferring the scientific findings from in vitro and animal studies to a delivery system that benefits humans has always been met with metabolism and degradation issues; as well as the amount of

catechins that are transferred to the blood plasma and the time they remain there. Furthermore, to partially achieve this success high dosage of catechins is required, producing toxicity and side effects.

Phytofare® catechin complex is a highly bioavailable complex of all 8 catechins found in green tea that have been clinically researched to efficiently transfer the antioxidants into the blood plasma, where they remain for more than 24 hours. Furthermore, the daily dosage has been established at 10 times less than generic green tea, thereby delivering an active antibiotic without toxicity or side effect issues.

To clinically prove these antidiabetic benefits in humans, Protex Pharma will undertake with Phytofare® catechins, delivered in a capsule, an independent double blind clinical study in the second quarter 2017; with the objective to commercialize an affordable solution in what is a multibillion dollar global market opportunity for the prevention and containment of metabolic syndrome causes.

Our CEO: *Roger Baylis Duffield*

Mr. Duffield has a significant background in the development and management of start-ups, private and public companies, in the United States, Europe and South Africa. Currently, Mr. Duffield serves as CEO of Protex Mobility as well as Chairman of Plandai Biotechnology Inc., a USA public company with operations in South Africa. He also serves as the non-executive chairman of the Dunn Roman group of companies. In 2002, Mr. Duffield cofounded the Plandai group of companies, which is now comprised of considerable interests in biopharmaceuticals in South Africa, including the 7500 acre Senteeko green tea estate. He has an extensive background with published scientific research and development of Plandai sciences and bioavailable botanical extracts through the actions of cavitation and sonoluminescence relating with live plant materials and emulsions. The Plandai science platform involves contributions from numerous academic institutions and research laboratories.

Mr. Duffield was awarded in 1997 an Honorary Nuclear Doctorate by the Russian Academy of Natural Sciences and a further Honorary Doctorate in Material Sciences by the European Natural Sciences. In 2001 the Foundation for International Services, California granted recognition of a BSc qualification in Chemical Engineering. During the period 1990 through 2002 Mr. Duffield both founded and managed two USA public companies involved with new sciences relating to hydrocarbons, emulsions and fuel cells supported through powder metallurgy. Extensive published research has been undertaken with numerous academic institutions through the world, including USA, Europe, Russia, Siberia and South Africa. Mr. Duffield also has an extensive background in the farming of sub-tropical fruits and green tea when he owned and operated farms in South Africa.

Company Website:

<http://www.protexm.co/>

Twitter:

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