



# *Investment Opportunity*

**PRESENTED BY  
DARCY JOHNSTON CONSULTING INC.**

**ON BEHALF OF  
O.G. LABORATORIES  
DR. PAUL H. RAMSES**



*A brief introduction, with selected notes. A more detailed and technically illustrative presentation is available.*



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*OG produces no side effects and does not require a prescription*

## **THE PRODUCTS**

O. G. Laboratories Canada has approached pharmaceutical chemistry from a different angle, focusing on the brain's neurochemical reactions and the body's hormones and enzymes' analytical chemistry. Nine years of research has provided exciting new formulas for major health areas:

- ▶ Erectile Dysfunction
- ▶ Prostate function
- ▶ Anti-aging
- ▶ Memory-retention, and treatment and prevention of brain diseases such as Alzheimer's

The main product, OG (patent pending), is the only truly natural oral treatment for Erectile Dysfunction that produces no side effects. It entices the brain to mimic the body's natural operation, by manipulating specific hormones and neurochemical compounds.

The OG formula was developed by a Chartered Chemist – Doctor, Chem. Dr. Paul H. Ramses, who holds a Ph.D. and a Masters Degree in pharmaceuticals analytical chemistry and medicinal ultra-trace chemistry.

OG not only causes no side effects (existing ED drugs can cause severe side effects, including stroke and blindness), but also:

- ▶ Decreases PSA levels, acting as an effective deterrent against prostate cancer/inflammation
- Dr. Ramses is a living testimonial of its effectiveness. He recovered from the near threat of death and now has the prostate of a 25-year-old, with his PSA dropping from 14 to 3 in one year.
- ▶ Enhances the general masculinity of men due to a natural increase of testosterone

This means better muscle development, hair growth and skin health. OG simply tells the body, "you are young."

- ▶ Does not require a medical prescription

It can be easily packaged and dispensed. And it can also be easily mass-produced.

The other formulas will be sold as part of an individualized anti-aging health program, offering customized vitamins and minerals, as well as dietary supplements. Each program will be based on the client's body chemistry, ensuring results without side effects.

## **THE BUSINESS**

O. G. Laboratories will open a clinic(s) in the Arabian Gulf that will be operational within a short period following the investment and the laboratory setup.

Marketed as a complete health centre addressing and advertising the four different areas of treatment, the business will offer consultation and treatment in a clinical setting, surrounded by other professional offices, to help ease any potential embarrassment for buyers who may not want to be seen as seeking ED treatment.

The main revenue stream will be consultations and sales of OG and other products. Buyers will be given a personalized supplement profile. Recurring revenue will come from repeat buyers, who will typically not need to see the staff again, or possess a prescription, to re-order.

A secondary revenue stream will come from a subsidiary, O. G. Environmental, which will perform environmental testing and analysis, including production and sales of Standard Reference Materials. These high-end specialty services utilize the same lab equipment and office as OG Laboratories, meaning no additional start-up or operational costs, and will be marketed separately to government and various industries. Similar work being done currently in Canada bills out at thousands of dollars per week, with most work performed by lab assistants.

The initial commercialization and marketing campaign will target Arabian Gulf and central European countries.

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*OG simply tells the body, "you are young."*

## THE OPPORTUNITY

Worldwide sales of Erectile Dysfunction drugs grew to about \$5 billion in 2010, an increase of 6.9 percent, according to the industry data firm IMS Health. More than 150 million men worldwide are unable to achieve and maintain an erection adequate for satisfactory sexual intercourse, according to the scientific research firm LeadDiscovery, and that number is expected to double by 2020.

Most men experience ED at some points in their lives, usually by the age of 40. More than 40 million people live on the Arabian peninsula, and roughly half of them are male. Extrapolation suggests there are as many as 10 million ED sufferers on the Arabian Peninsula alone.

While OG will be used mainly by men over 40, it will also target the younger demographic that uses ED treatments not out of medical necessity but for pleasure. Viagra, for example, is widely recognized in popular culture, and is frequently consumed recreationally by young adults who believe it increases libido, improves sexual performance, or increases penis size. The Arabian Gulf attracts thousands of high-end young people.

The other O.G. Laboratories products and services are designed for an exploding market. With a global population aging, there is unlimited potential demand for prostate health, treatment and prevention of memory-related disorders, and personalized supplementary vitamins and minerals.

## THE O.G. LABORATORIES MANAGEMENT

The founder of O.G. Laboratories Canada, Dr. Paul H. Ramses, is a Chartered Chemist, a doctor in analytical and pharmaceutical chemistry, and has medical and chemist credentials.

For more than 20 years, Dr. Ramses has led analytical laboratory programs. His scientific achievements include research contributions to EPL, EPA and BMR; authorship of papers and books, including university textbooks; and analytical laboratory SOPs that have been officially and globally adopted and named after him.

His graduate studies included: pharmaceutical chemistry; environmental geochemical science; public health hazards; industrial chemical pollution; and ultra-trace instrumental chemical analysis of soil, industrial sludge and water samples.

He has been the chief scientist and CEO for past decade leading to the development of OG Laboratories products. He is the sole legal proprietor of the project.

Dr. Ramses plans to escape the Canadian winters by relocating to the Arabian Gulf or South America, where he eventually plans to retire.



### THE INVESTMENT

- ▶ \$2 million USD for 50 percent ownership of the business, OG Laboratories, plus a negotiated share of the annual net profit derived from operations
- ▶ A negotiated share of the proceeds from the Exit Strategy, which plans for the purchase of the company by a major pharmaceutical competitor within 3 to 5 years
- ▶ A share of the OG licensing rights is also available

There are over 10 million prostate and ED sufferers on the Arabian Peninsula alone

Dr. Paul H. Ramses is a renowned scientist and a research MD chemist. His qualifications include MD pharmaceutical doctorate and a Ph.D. in analytical chemistry. He authored several university textbooks and medical books, including "Choosing the sex of your baby"; and chemistry books, including "Metalloid ultra-trace analysis."



**THE MARKETING AGENT**

**DARCY JOHNSTON CONSULTING INC.**

**darcy@darcyjohnstonconsulting.com**

**250-618-7869**

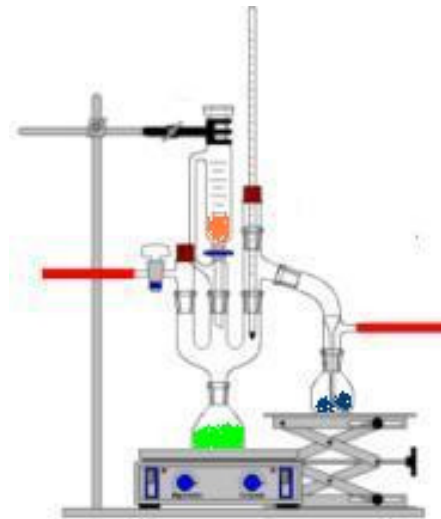
The following O.G.L presentation offers additional information

# *Business opportunity.*

**Presented by**  
**Darcy Johnston Consulting Inc.**  
**Canada**

**On behalf of**

**O.G. Laboratories Canada.**  
**Dr. Paul H. Ramses Gouda**  
C.Chem., P.R.MD., Ph.D.



Copyright registration certificate # 1096728 issued June 29<sup>th</sup>. 2012 - Canadian Intellectual property office, Ottawa. Patent application has been processed.

This report offers four presentations:

- 1- A quick review consisting of one single page of general introduction. "Report-1."
- 2- A short five pages introduction for those with further interest. "Report-2."  
As you'll see by report-2, the success of this new medical approach is evident by the health recovery of the author-scientist himself who recovered from a near death prostate case with an extremely high PSA, to a healthy prostate of a 20 years old man. As well, the new and different safe approach of – for example – sexual drive enhancement, has shown incredible success.
- 3- Selected summarized and simplified sample of technical material to illustrate the nature of the new approach. The notes addressed only one issue or service of this project, which is a package of an eight services clinic / research centre. "report-3."  
Report-3 on page 12-32 of the English presentation, provided a semi-technical note for your company's chemists to show that it can be done, without, understandably, giving away how exactly it can be done or the years of chemical research data of formulas and equations.
- 4- A business sketch offering a costs & profit illustration.



## Report -1

### A quick scan:

The project plan is to establish a combined “health clinic and a medical research centre” with its own medication production laboratory and sales office, in a special set-up in a discrete fashion advertised as a complete Canadian English Health Centre. The treatment is different and is based on a new pharmaceutical concept invented by the now globally renowned Canadian research laboratory O.G. Canada. Its chief scientist who owns the copyright, wishes to relocate to either the Middle East or South America.

This new concept is based on mimicking the natural hormonal reactions in our body and enticing the brain to send the “signals” or “orders” that result in specific physiological functions. The concept is to manipulate the body into duplicating these compounds naturally and safely.

This new approach has already begun to attract international interest. The example presented by report-3, the sexual performance enhancement, illustrates how we now can mimic the neurological compounds that instinctively arouses man when introduced to “another” woman, which is driven by nature’s survival programme for man to “spread his seeds.” Unlike “drugs” this technique does not address the unnatural chemical treatment of one single isolated side of the issue. Instead, it offers a complete and natural hormonal enticement approach, in other words; it speaks the body’s language, and entices the brain to tell the organs “you are young.” The revolutionary approach has been proven impressively effective.

### The clinic is limited to these specific services only:

- Better memory retention and the prevention of memory-related diseases.
- Better sexual performance and prostate health.
- A personalized health profile in the areas of: customized vitamins & minerals, body energy for both athletes and laymen, the hormonal excitement approach to weight loss and skin anti-aging treatment.
- Sex pre-selection to choose a boy or a girl.
- Environmental & commercial-industrial analytical laboratory services.

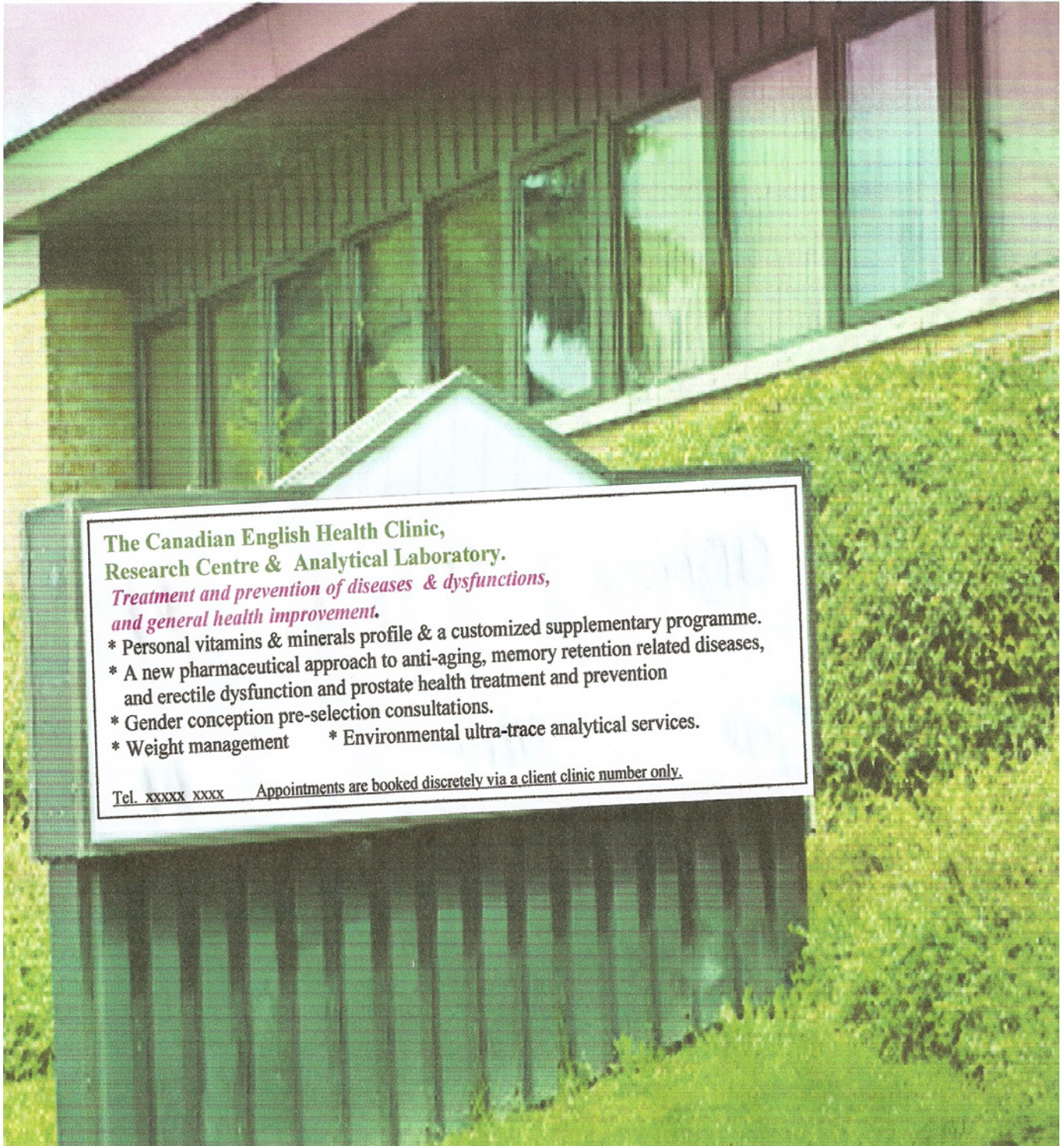
The products are safe with no side-effects for the reasons explained in reports 2 & 3.

Market demand and expansion potential is in the multi billion dollars of annual sales and is increasing rapidly. Over 50 million people in the Arabian peninsula alone constitute an immediate potential market. The demographic of interest in South America or Asia or Europe is even greater and will be targeted in stage-2 of the sales plan.

The scientist is a Canadian doctor/chemist with both medical and pharmaceutical doctorate and medical research achievements and has recently been the subject of a motion of “intent-to-nominate” – with a recommendation for a Nobel prize in science nomination – subject to Canadian commercial certification of the project. The representative scientist will establish the clinic and appoint / schedule assisting scientists – doctors on temporary or contract assignments as needed, strictly under his guidance. He shall be the main operator.

**Marketing agent:** See enclosed.

**Investment & return:** Depends of various arrangements, with a \$2 million USD for 50% of the company’s assets – excluding the scientists and the formula, but clearly with the necessity and obligation to have them both as part of the operation. See enclosed details including the rights to purchase the formulas and the exit strategy plan in approximately 5 years via its sale to an international pharmaceutical company. Needless to say that the unique nature of the project and its great potential global business success are undoubtedly and generously very promising.



- \* *The door sign will indicate that files are confidentially kept by the chemist/doctor and that dealings with the clinic staff is via a client file number.*
- \* *A multi-unit, multi-businesses building is optional, whereby the visitor would appear to be visiting any other unit. However, this is unnecessary considering the various other clinic services.*
- \* *The clinic sign – in Arabic – will emphasize all other treatments such as the vitamins profile.*

## ***Report-2***

This report provides some details and explanatory notes.  
We recommend viewing it.

This report will briefly illustrate how this project is a unique business plan and why it has quickly attracted global attention. Why EPL described it as “a revolutionary development in medicinal chemistry?” Why it constitutes a project that promises unprecedented success and fame?

The Canadian EPLI retired chief scientist has, at the last AGM, successfully moved a motion of “intent-to-recommend” - a recommendation to nominate the Canadian Chemist Dr. Paul H. Ramses to the Nobel prize in science, pending the completion of the Canadian registration of these products – which were described within the wording of the motion as “the invention of the century.”

Pharmaceutical firms in Germany and India have already expressed interest in the project. However, Dr. Paul H. Ramses has not decided on his choice of a country to reside and to likely retire, as he wishes to escape the Canadian winters. His preference at this stage is either the Middle East or South America.

The plan presents a new discovery in pharmaceutical chemistry developed by the Canadian company O.G. Laboratories. The head chemist behind the discovery is the Canadian Chemist / Doctor Paul H. Ramses, who owns the copyright of the formulas and who, past his initial formula invention, has led a panel of research scientists, medical doctors, and organic and inorganic analytical chemists who assisted him in the experimentation and confirmation stages.

## **The concept:**

**Chemical structural manipulation of hormonal and neurological compounds to produce pharmaceutical formulas that would mimic and duplicate the natural organic human physiological responses.** “Registered Copyright certificate # 1096728”

The new pharmaceutical approach is based on the utilization of basic programmes we have inherited in our physiological system. We encourage you to take the time to read this entire presentation. What do we mean by brain programmes and how can we use them to our advantage?

To explain the background of the concept, here are a few examples: Have you ever wondered why people who starve themselves fail to lose weight? Back in the jungle days, man competed with lions and tigers in hunting for a deer at night and would come back to the cave with the early dawn light with the kill for the woman, or women, to prepare and to feed the children the most significant meal of the day. When morning is come and gone and there is no food – as there could be several days without a successful hunt – the brain switches the body to “starvation mode” and slows down metabolism to hang onto every gram of fat for as long as possible to survive. Now, with a fridge full food, you skip breakfast thinking that you would lose weight, when in fact the brain sends an “order” to lower your metabolism thinking you’re starving.

Yes, we still have the same brain programmes we had in the jungle. Ever wondered why a man under stress in his office on a leather chair would have a heart attack or a stroke? Because stress back in the jungle meant that you were in fear, running away from a tiger chasing you. The man was barefoot in a forest covered with rocks and broken branches. To avoid easily bleeding to death, the brain sends an “order” to thicken the blood. Now, on a comfortable sofa and while the muscular system is in “park” mode as opposed to being on 5<sup>th</sup>. gear, the brain interprets the stress as running in the jungle. The blood thickens without a corresponding physical state of muscular performance, and the heart in an attempt to switch from “park” to 5<sup>th</sup> speed, simply jams.

And here is a related and significant example: in the jungle, the man needed to impregnate as many women as possible and to produce as many children as possible to compensate for the loss of offspring to wild life from lions and wolves to diseases. When the man has “serviced” a woman, the brain sends an order, another chemical compound, to turn off the “sex machine” so that he would be able to “service” another woman. Today, the same man having just made love to his woman, he would feel that he is “finished.” Yet if another “appealing” woman walked into his bedroom, he would be able to “do” it again. The brain chemically would “order” his reproductive system to “spread his seeds.” This order is a chemical compound that must be balanced within other natural compounds involved in the complete aspects of the operation.

In a mammal experiment on rodents and rabbits, the male “serviced” a female and lost interest in her. When another female was introduced he was aroused, serviced her, and lost interest. This was repeated and in this experiment, up to 40 females were “serviced” before the male fainted out of exhaustion. All mammals, including the human male, were not physiologically designed to be monogamous and they all are influenced by the same programme that produces the same hormones created to “spread the man’s seeds.” .

Hormones and pheromones are chemical compounds we chemists have now found a way to naturally duplicate in the body, without conflicting with the other components involved in the “complete picture.”

Yes, we can mimic the brain’s command and duplicate the natural and safe procedure without dangerous drugs such as Viagra that can cause blindness and even stroke.

This approach can also be utilized to help the cell maintain a youthful status and to help the body lose weight. The approach leads the brain to tell the glands “you are young” – mimicking the natural physiology in the same fashion the body performs its natural organic reactions.

So, why didn’t anyone take this approach before?

Many commercial and research laboratories have tried. Just like many chemists have tried converting aluminum or lead to a precious metal, and one day someone will succeed. We did.

We have been working for years on the exact formulas that would duplicate the body’s performance by taking advantage of the programmes we inherited. An analogy would be the structural properties of the gold and aluminum atoms which are similar and with which one specific alteration a chemist will one day be able to change aluminum to gold. However, it is as simple as saying, just select 6 numbers out of 49 and you win the lottery. The odds or probabilities are 1 in 14,000,000. Many chemists have spent their lives in search of that specific “combination.” The same difficulty applies here. The Canadian scientist at O.G. Laboratories has found **the exact chain of equations leading to the formula that would naturally mimic our body’s computer, the central command, the brain’s “orders.” These “brain orders” are chemical compounds. It is a simple concept yet a complex answer as it must address the complete picture.**

The problem with the drug approach is that it tries to change only one aspect of the picture and thus produces an imbalance resulting in negative side effects. Hormone and herbal doses are not the answer and they will do more harm than good.

Yes, you can perform better than you did at age 20, because you’ll perform the way nature designed you to perform with a different woman. The same approach is just as successful in such application as improving memory retention in both men and women.

## **Is it a chemical drug?**

Not in the negative sense. It is the body's natural, safe chemistry language.

We must first explain that everything is a chemical compound. It is just whether it's good chemistry or bad chemistry. Food, the air we breathe, our skin, blood and bones, even our feelings, all are chemical compounds. Dihydrogen monoxide may sound unnatural and "chemical" when it's the definition of water. One more atom of the oxygen we breathe in all day, would change the water  $H_2O$  to the unsafe bleach-like hydrogen peroxide  $H_2O_2$ .

What makes it the discovery of the future is that it is designed to mimic the body's natural neurochemical and morphological actions or equations. It is not a drug that would alter one single or isolated part of the body's balanced chemistry, thus there is no disturbance to our natural chemistry operation and there are no experienced or possible side effects. That's what makes it a genius and invaluable invention that surely will be the new pharmaceutical approach that will address as many potential issues as future chemists can successfully address.

The establishment of medical clinics offering Canadian – English doctors consultation.

The clinic will offer only "eight" services dealing with:

- i) Memory retention improvement and prevention of memory deterioration cases such as dementia cases.
- ii) Anti-aging treatment. This is particularly effective in women.
- iii) Erectile dysfunction. This is the approach of the future that will replace present drugs.
- iv) Prostate health development. This is a positive side effect of the E.D. correction. The OGL Chief scientist himself is a living testimonial to this treatment, having recovered from a life threatening high PSA level to achieve the prostate health of a young man in less than one year.
- v) Baby gender pre-selection. The Canadian scientist-doctor has written a book on selecting the sex of your baby and has achieved 100% success rate over 10 years.
- vi) A personal, customized, supplementary profile. The service will also address the issue of "energy management" especially for athletes. The laboratory facility will offer commercial, environmental, and industrial analytical services. The Canadian scientist is a casualty of the commercial multi-vitamins & minerals use that resulted in the precipitation of separated deposit "kidney stone" – and he is currently working on dissolving it slowly. No multi V&M product could ever be a one size fits all. Many people don't realize they are playing with fire. A personal – customized profile is a must.
- vii) Weight management. The healthy and natural approach to losing weight.
- viii) Commercial and environmental analytical services. The OGL chemist is the author of two university text books on soil, water, food and other industrial sample analysis for ultra trace level contaminants.

Based on the arrangement and the level of the initial investment, the clinic may commence operation offering a limited number of the preceding "8" services and would later expand with time and revenue to offer the complete package.

The next stage of the project would be a greater scale of production of these formulas for a wider regional sale with multiple branches in surrounding major cities and surrounding countries.

The third stage would be the exit strategy in whole or in part via the sale of the formula or formulas to a major pharmaceutical company within a few years for global distribution.

The first stage would be importing the inventor / scientist to establish the clinic and laboratory setup.

### **Clinic setup and promotion:**

The media promotion plan will focus on presenting the clinic to the public as a complete Canadian English health service with a professional and discrete approach. Patient files will only be accessible to the consultant chemist-doctor-scientist. All other references including appointment booking and any dealings with clinic staff will be via a patient ID number card.

In fact, the waiting area will be designed as separate individual compartments with an entrance and exit designed to allow one person in & out at the time unnoticed by any other patients.

The clinic's external sign will clearly emphasize the vitamin & minerals service as its first and main service. When in fact, the expected main services will be the new approach to erectile dysfunction, prostate health, anti-aging (especially in women) and memory improvement. Treatments will address all age categories from young men & women, the middle age to the senior class.

### **The product:**

The products are now in the stage of red-tape formalities in Canada. They have already passed the mammal experimentation stage and have shown a 100% safe and successful human implantation via volunteer applicants.

The concept of this discovery can be summarized with this simplified statement:

**Again: instead of treating specific dysfunctions or physical disabilities with corrective chemicals – which would have negative side effects, we can mimic the body's natural hormonal chemistry by manipulating specific neurological compounds to perform the healthy and natural way. This would duplicate the natural positive organic responses that cause our bodies to function in a youthful, healthy pattern.**

It must be re-emphasized that these formulas are all based on natural duplication and mimicking of hormonal compounds we naturally produce. They are the brain "orders" or "signals" that triggers a specific body function. Hence, there can never be a negative side effect. It is not a synthetic chemical drug. It is the body's natural "juices" so to speak. The body's own natural chemical equations.

The project is designed to accommodate two services:

- 1- A clinic setting. It shall be called The O.G. Canadian English Health clinic & research centre. Clinics in three or more major cities and perhaps in surrounding states, will provide a valuable and profitable service that will attract wealthy and middle class clients from other countries.

The clinic will have its own analytical laboratory and a manufacturing unit to produce the formulas in a pharmaceutical format for private sale to the public.

- 2- The laboratory will be utilized to provide a commercial analytical environmental and health & safety services.

The O.G. Canadian scientist is driven by a sincere desire to provide the community with a valuable clinical service that cannot be obtained elsewhere.

The Canadian chemist-doctor will appoint the assisting technical staff. The main technical operational aspects including SOPs, staff and management shall be the responsibility of the formula inventor and O.G.L's operator Dr. Paul H. Ramses.

### **The investment:**

The Canadian marketing consultant, Mr. Darcy Johnston, shall present to Dr. Paul H. Ramses what is deemed to be an offer that reflects an appreciation for the discovery and a fair compensation for the services.

At this stage, only an initial \$2 million USD investment is sought, which will include the laboratory setup by Dr. Paul H. Ramses, a signing bonus and a supplementary salaries during the initial setup and promotional stage.

### **The return - gain:**

The proposal includes 50% ownership of the business physical assets, a negotiated share of the business net profit of clinics consultations, product sales and laboratory services, obligation to have the inventor scientist himself personally working for the company, and a negotiated share of the exit strategy which plans for the purchase of the company or specific products of the company by a major pharmaceutical competitor within 3-5 years.

A share of O.G.L. scientific technical rights to the actual formulas and SOPs is available for \$20 million USD which would be a significant advantage to the partner at the stage of future purchase by a major pharmaceutical company.

The technical SOPs shall be kept at a bank deposit box or with a lawyer as determined by O.G. Laboratories, to be released to the rightful owner – partner upon the death of the inventor, whether due to a natural cause or an accident, provided that the authorities have specifically cleared the inheritor from any suspicion of foul play involvement in such death.

### **Contact info:**

#### **Marketing agent:**

Darcy Johnston Consulting Inc.  
Darcy Johnston, British Columbia, Canada.

[darcy@darcyjohnstonconsulting.com](mailto:darcy@darcyjohnstonconsulting.com)

Telephone: 01-250-618-7869

[www.darcyjohnstonconsulting.com](http://www.darcyjohnstonconsulting.com)



## **The scientist:**

### **Dr. Paul H. Ramses**

C.Chem., P.R.M.D., Ph.D.



- Scholastic qualifications present a wide scope of academic achievements at five different universities, including graduate studies at Toronto, Oakland, and Brooklyn universities. A Masters degree in analytical chemistry, a Medical Doctorate research in pharmaceutical Toxicity, and Ph.D. in ultra-trace chemical manipulation of specific organic and inorganic compounds for medicinal purpose.
- Author of: Chemical structural manipulation of hormonal and neurological compounds to produce pharmaceutical formulas that would mimic and duplicate the natural organic human physiological responses.
- Author of: Hg Hydrargyrum ultra trace analysis, from diphenylthiocarbozone to atomic absorption.
- Author of several analytical laboratory procedures for ultra-trace analysis including methods for As, Se, Sb, Hg that were named after him and were adopted by National Environmental Analytical Laboratories' Associations, including EPA.
- Author of As-Se-Sb Atomic Absorption vs Inductive coupled Plasma.
- Author of gender pre-selection in mammals, how to choose the sex of your baby.
- After attending medical school, he specialized in pharmaceutical research and analytical chemistry at the graduate, Master & Doctorate levels. He led three major research & development and commercial laboratories, including Barringer Research, EPL, and 15 years as the Head chemist & chief scientist of Optimum Green Laboratories Canada.
- Author of other books in literature including poetry. He is a Canadian citizen and is a single father to one child. The scientist and his son reside in Canada.

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## **Finally ... Report-3**

Would you like to know more, in a little more technical tone? The following short report will demonstrate to your company's technical staff that it can be done and done effectively, safely and naturally.

Attached is one selected illustrative, simplified and summarized technical explanation, addressing one single selected sample of the "8" proposed clinic services.

They are notes selected from the technical pages covering the formula of the O.G. product designed to replace drugs such as Viagra.

The following brief "English only" presentation is meant to shed some light on how the approach of manipulation of hormonal structure works – without, of course, giving away the specific technical data of chemical equations or SOPs. An Arabic translation is being sought.

Please view the English section pages 12 –32

The following is a semi-detailed, semi-technical clarification to illustrate the logic of the approach. It focuses on one example only

### Report -3

A brief, simplified illustrative presentation.

Sample material: A healthy sexual performance: the real answer.

This semi-technical presentation will explain how the new approach works, without, understandably, giving away the specific SOP or the chemical formulas or equations. It is meant to merely demonstrate the nature of the approach and to show your company's chemists or technical staff, that it can be done, done right, done different, done naturally and safely.

This is the only logical safe and effective answer. It will soon put an end to the currently commercialized approaches that come with negative side effects. Understandably, the assistant who was appointed to translate this section found it too technical to be accurately translated. This approach simply acknowledges and utilizes a basic scientific fact: Erection and orgasm happen in the brain. Yes, between your ears, not between your legs.

This approach is based on understanding the sex operation in our body; what and why – then mimicking brain signals, enticing certain hormones, using natural elements in the body to produce the form of compound the body understands naturally. The first stage is a preparatory conditioning stage that may take a week or a few weeks depending on the individual and his level of several hormone productions and other factors including for example obesity. Once this stage of foundation is complete, a maximum of 2 months, we get to the stage of the magic dose ... the natural miracle of erection-per-demand with a simple oral dose – to be absorbed into the blood via placement under the tongue for a minute.

I'll try to keep the presentation simple and in a point format.

1-

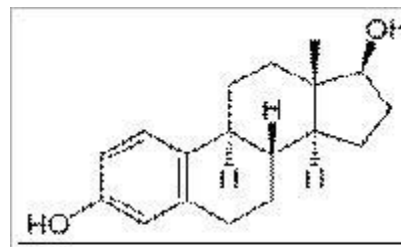
A healthy sex ability is a complex operation with many factors in the background. We can put the pieces of the puzzle together and make it so simple, powerful, effective and natural.

We must consider all the pieces of the puzzle independently AND in relation to each other. For example, the relation between low levels of both testosterone and thyroid vs levels of norepinephrine, epinephrine, serotonin and dopamine when we promote a specific objective. We also need to keep cortisol level in the same picture.

2-

A hormone is a chemical released by a cell or a gland in one part of the body that sends out messages that "orders" cells in other physiological responses to "act" in a certain way. Simply, it is a chemical messenger that transports a signal from one cell to another. All multicellular organisms produce hormones. Plant hormones "phytohormones" can be manipulated to serve a purpose here.

Cells respond to a hormone when they express a specific receptor for that hormone. Hormones in animals – including us – are mainly transported in the blood. The hormone binds to the receptor protein, resulting in the activation of a signal transduction mechanism, then Endocrine hormone molecules are released, i.e. secreted - into the bloodstream. Exocrine hormones (or ectohormones) are secreted directly into a duct, and, from the duct. They flow either into the bloodstream or from cell to cell by diffusion in a process known as paracrine signalling.



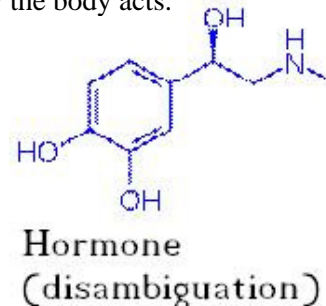
Estradiol

We now know that a variety of exogenous modern chemical compounds have hormone-like effects on humans. Their interference with the synthesis, transportation, secretion, binding, or elimination of natural hormones in the body can change the homeostasis, reproduction, development, and/or behavior the same way as endogenous produced hormones.

This allows us to control cell type-specific responses in the same natural way the body acts.

3-  
Elements we can utilize to our advantage:

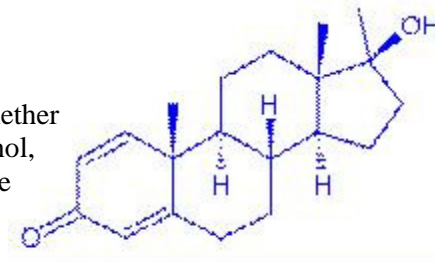
The number of hormone molecules available for complex formation.  
The number of receptor molecules available for complex formation.  
The binding affinity between hormone and receptor.



Sex hormone-binding globulin (SHBG) or sex steroid-binding globulin (SSBG) is a glycoprotein that binds to testosterone and estradiol (sex hormone.) Other steroid hormones such as progesterone, cortisol, and other corticosteroids are bound by transcortin.

4-  
The approach indicated by the preceding and following notes is as natural as nature gets. It seems that some people think that “natural” means you pull the plant out of the soil and eat it. If that was the case nature would have killed most of us. The so-called natural approach is not as simple as we would like to believe. I must explain to those who have been brain-washed by the media, that natural doesn't necessarily mean good, and synthetic doesn't necessarily mean bad. In fact, as we chemists say “what in the world isn't chemistry?”

5-  
Several complex compounds we use are present in plants whether they be fruits, herbs or veggies. For example coumarins, osthol, imperatorin, glucides and hepatoprotective sesquiterpenes are present in cnidium seed – but simply eating the seed will not truly provide the intended benefit.



Any herb containing vitamins A, B-2, C, calcium, phosphorus, zinc, iron and complex sugars would be a supportive and a necessary background for erection, and is needed in the target dose, but it will not do the job alone by simply ingesting a raw quantity of it.

Chemical structure of the natural anabolic hormone testosterone, 17-hydroxy-4-androsten-3-one

Onions and garlic contain Allicin, which also contributes to increased testosterone. But, is it as simple as commercial ads want you to believe? for example, it is true that resveratrol in red wine regulates cholesterol to an incredibly great benefit in the human body. It is also a powerful antioxidant, reducing the oxidation of the LDL cholesterol. It is true that raspberry ketones are effective in maintaining a youthful cell health, but you would need to ingest about 35 Kg a day which – even if possible, would mean consumption of too much sugar.

Quercetin, a naturally occurring phenol in grape seeds are a potent source of proanthocyanidins Proanthocyanidins and one of the most potent free radical scavengers known, possessing an

antioxidant effect up to 50 times more potent than vitamin E and up to 20 times more powerful than vitamin C. Proanthocyanidins also have an affinity for cell membranes, providing nutritional support to reduce capillary permeability and fragility. It has been proven that, in the vascular system, anthocyanidin extract supports the integrity of vascular walls by increasing vitamin C levels within cells, decreasing the permeabilizing effect of certain proteolytic/lysosomal enzymes, stabilizing cell membranes, and stimulating the synthesis of collagen and connective ground substance tissue.

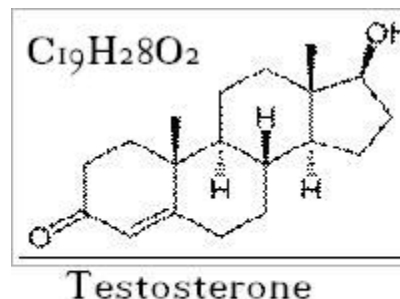
The thin layer under grape skin, when fermented, develops an extremely powerful antioxidant that is now known as the youth miracle, resveratrol, an anti-aging agent in red wine (red wine uses the whole grape including the skin for the colour agent). However, one would need to drink over 100 glasses a day to get the desired dose, and if you do, you'll do more harm than good.

Another example: Pomegranates and Watermelons. Yes, they are very rich in antioxidants which help tremendously in increasing the blood flow to the penis. These antioxidants are responsible for raising the levels of nitric oxide in your body which then proceeds to relax the blood vessel walls. They are rich with citrulline "an amino acid" that helps relax and dilate your blood vessels which is very similar to what Viagra does. But, how much watermelon are you prepared to eat? I could also write about several other fruits and veggies and their importance in the bedroom (and I must also emphasize the importance of meats in your diets for a healthy sex life) – The point is, what if a chemist in his laboratory could extract and simplify the desired compounds in these plants, in the right ratio, and in combination with a hormonal "teaser" for maximum effect? This would create a powerful foundation for a very effective second stage of the treatment of erectile dysfunction. And yes, this would still be only half the answer.

6-

Testosterone  $C_{19}H_{28}O_2$

Testosterone is a steroid hormone from the androgen group present in mammals. It is primarily secreted in the testes of males and the ovaries of females, only small amounts are also secreted by the adrenal glands. It is the main male sex hormone and it's an anabolic steroid.



In males, testosterone is mainly synthesized in Leydig cells, which are regulated by luteinizing hormone (LH) and follicle stimulating hormone (FSH). The amount of testosterone produced by existing Leydig cells is determined by LH which regulates the expression of 17- $\beta$  hydroxysteroid dehydrogenase. The amount of testosterone synthesized is regulated by the hypothalamic-pituitary-testicular axis. When testosterone levels are low, gonadotropin-releasing hormone (GnRH) is released by the hypothalamus which in turn stimulates the pituitary gland to release FSH and LH. These later two hormones stimulate the testis to synthesize testosterone.

The effects of testosterone occur via two mechanisms: activation of the androgen receptor (directly or as DHT), and by conversion to estradiol and activation of certain estrogen receptors

Approximately 6% of testosterone is reduced to 5 $\alpha$ -dihydrotestosterone (DHT) by the cytochrome enzyme 5 $\alpha$ -reductase, an enzyme highly expressed in male accessory sex organs and hair follicles. Approximately 0.3% of testosterone is converted into estradiol by aromatase an enzyme expressed in the brain, liver, and adipose tissues.

DHT is a more potent form of testosterone while estradiol has completely different activities (feminization) compared to testosterone (masculinization).

Free testosterone (T) is transported into the cytoplasm of target tissue cells, where it can bind to the androgen receptor, or can be reduced to 5 $\alpha$ -dihydrotestosterone (DHT) by the cytoplasmic enzyme 5-alpha reductase. DHT binds to the same androgen receptor even more strongly than testosterone so that its androgenic potency is about 5 times that of T. The T-receptor or DHT-receptor complex undergoes a structural change that allows it to move into the cell nucleus and bind directly to specific nucleotide sequences of the chromosomal DNA. The areas of binding are called hormone response elements (HREs), and influence transcriptional activity of certain genes, producing the androgen effects.

7-

The bones and the brain are two important factors in humans where the primary effect of testosterone is by way of aromatization to estradiol. In the bones, estradiol accelerates maturation of cartilage into bone, leading to closure of the epiphyses and conclusion of growth. In the central nervous system, testosterone is aromatized to estradiol. Estradiol rather than testosterone serves as the most important feedback signal to the hypothalamus (especially affecting LH secretion) In many mammals, prenatal or perinatal "masculinization" of the sexually dimorphic areas of the brain by estradiol derived from testosterone programmes in later male sexual development.

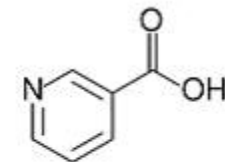
8-

A number of synthetic analogs of testosterone have been developed with improved bioavailability and metabolic half-life relative to testosterone. Many of these analogs have an alkyl group introduced at the C-17 position in order to prevent conjugation and hence improve oral bioavailability. These are the so-called "17-aa" (17-alkyl androgen) family of androgens such as fluoxymesterone and methyltestosterone.

9-

5-alpha-reductase inhibitors, such as finasteride inhibit the conversion of testosterone into dihydrotestosterone (DHT), a metabolite which is more potent than testosterone.

These 5-alpha-reductase inhibitors have been used to treat various conditions associated with androgens



Niacin

GnRH antagonists bind to GnRH receptors in the pituitary gland, blocking the release of luteinising hormone (LH) and follicle-stimulating hormone (FSH) from the pituitary. In men, the reduction in LH subsequently leads to rapid suppression of testosterone release from the testes. GnRH antagonists have been used for the treatment of prostate cancer.

10-

L'arginine is an amino acid. It is used to enhance the effect of nitric oxide. Nitric Oxide is an essential compound for a healthy sexual performance. It naturally relaxes the muscles surrounding the blood vessels that go to the penis, which results in strong blood flow to the penis and thus one can obtain and maintain an erection.

Norvaline is also an amino acid. It works directly with l-arginine to increase the flow of blood to the penis. It's effect is due to sterols which act on the



hypothalamus, pituitary, and adrenal glands producing hormones and producing increased libido. It also has anabolic and growth hormone stimulant properties, and the anabolic effect produces more testosterone.

The high levels of l-dopa in the mucuna seed, when converted to dopamine, dopamine would then stimulate the release of growth hormone by the pituitary gland. L-dopa and dopamine are also effective inhibitors of prolactin. Increased levels of prolactin are considered responsible for 80% of erection failure in males.

11-

The bioactive Glycopeptide compounds in Tongkat ali were proved to increase free testosterone and decrease SHBG levels in human clinical trials. Thus, you would achieve a healthy erection and a healthy sex drive.

In the lab, we can condition and maximize sprotodioscin, saponin, and other compounds proven to improve libido and sperm motility. The activity or excitement of such compounds triggers the brain to send that magical order to the penis. I'll explain further.

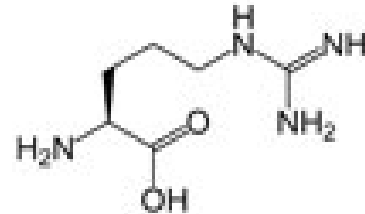
12-

Herbal products are not safe nor "complete." Example:

The active ingredient in Progene is L-Arginine HCl.

Each dose contains 1000mg of this ingredient which has been shown in clinical trials to increase the blood flow to the penis thus producing an erection. The product produces very limited results.

And, this is only one piece of the puzzle that is no different than being dependant on a product such as Viagra, repeatedly knocking on one single door until it eventually collapses and you find that the room inside is badly damaged – to express it poetically! You need to address the whole picture, naturally.



13-

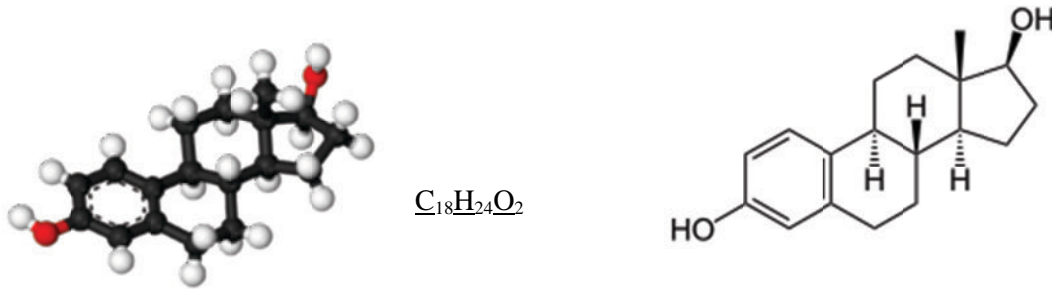
Niacin is really a miracle vitamin known as Vitamin B3, and is previously known to be beneficial for those with high cholesterol. Niacin is found in high concentrations in seafood, but nutritional uptake is not enough to reap the beneficial effects. Again, this makes a chemist's role to extract and use the needed part a must. You can't eat that much seafood everyday, and, pharmaceutical products are designed differently, for a general body use as daily supplements. For example the USA (and Canadian) regulation suggests a daily 35 mg dose while regulations based on research in Asia and Europe recommend doses form 500 to 1500 mg when dealing with specific issues such as sex performance related cases. This depends on the individual's case and the specific improvement goal, as well as the individual's ratio to the other necessary vitamins, minerals and hormones.

The vitamin reduces the cholesterol and blood fats, allowing more blood to reach the genitals and thereby the erectile tissues of the penis.

Niacin triggers the release of prostaglandin-2, a substance which is beneficial to endothelium, the shock-absorbing lining present in all blood vessels without which the blood loses momentum and does not reach the penis. Another part of the puzzle is the enzyme acetylcholinesterase which increases sexual desire.

14-

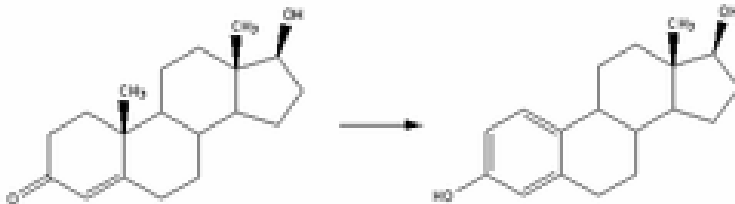
The ratio of the levels of circulating estradiol or testosterone, the "free" and the bound fractions, and free androgen index expresses the ratio of testosterone to the sex hormone-binding globulin and can be used to summarize the activity of free testosterone.



15-

The total picture must also include estradiol (E2 or  $17\beta$ -estradiol, also oestradiol) which is a sex hormone. Estradiol is abbreviated E2 as it has 2 hydroxyl groups in its molecular structure. Estrone has 1 (E1) and estriol has 3 (E3). Estradiol is about 10 times as potent as estrone and about 80 times as potent as estriol in its estrogenic effect.

We can duplicate the natural process used in women to the advantage of men.



Conversion of testosterone to estradiol

Estradiol, as a steroid, is derived from cholesterol. The delta-5 or the delta-4 pathway, androstenedione play a significant role. Some androstenedione is converted to testosterone, which is then converted to estradiol by an enzyme called aromatase. Androstenedione is aromatized to estrone, which is subsequently converted to estradiol.

In plasma, estradiol is largely bound to globulin "sex hormone-binding." It is also bound to albumin. Only a fraction of 2.2% is free and biologically active. Deactivation includes conversion to less-active estrogens, such as estrone and estriol (which is a major urinary metabolite.) Estradiol is conjugated in the liver by glucuronide and sulfate formation. As a result, it is excreted via the kidneys. Some of the water-soluble conjugates are excreted via the bile duct, and partly re-absorbed after hydrolysis from the intestinal tract. This enterohepatic circulation contributes to maintaining estradiol levels. Nature provides clear patterns in both men and women that we can utilize and manipulate to our advantage, and there can be no safer or healthier approach.

16-

A very interesting fact in mammalian sex differentiation is that estradiol is one of the two active metabolites of testosterone in males (the other being dihydrotestosterone.) Estradiol cannot be



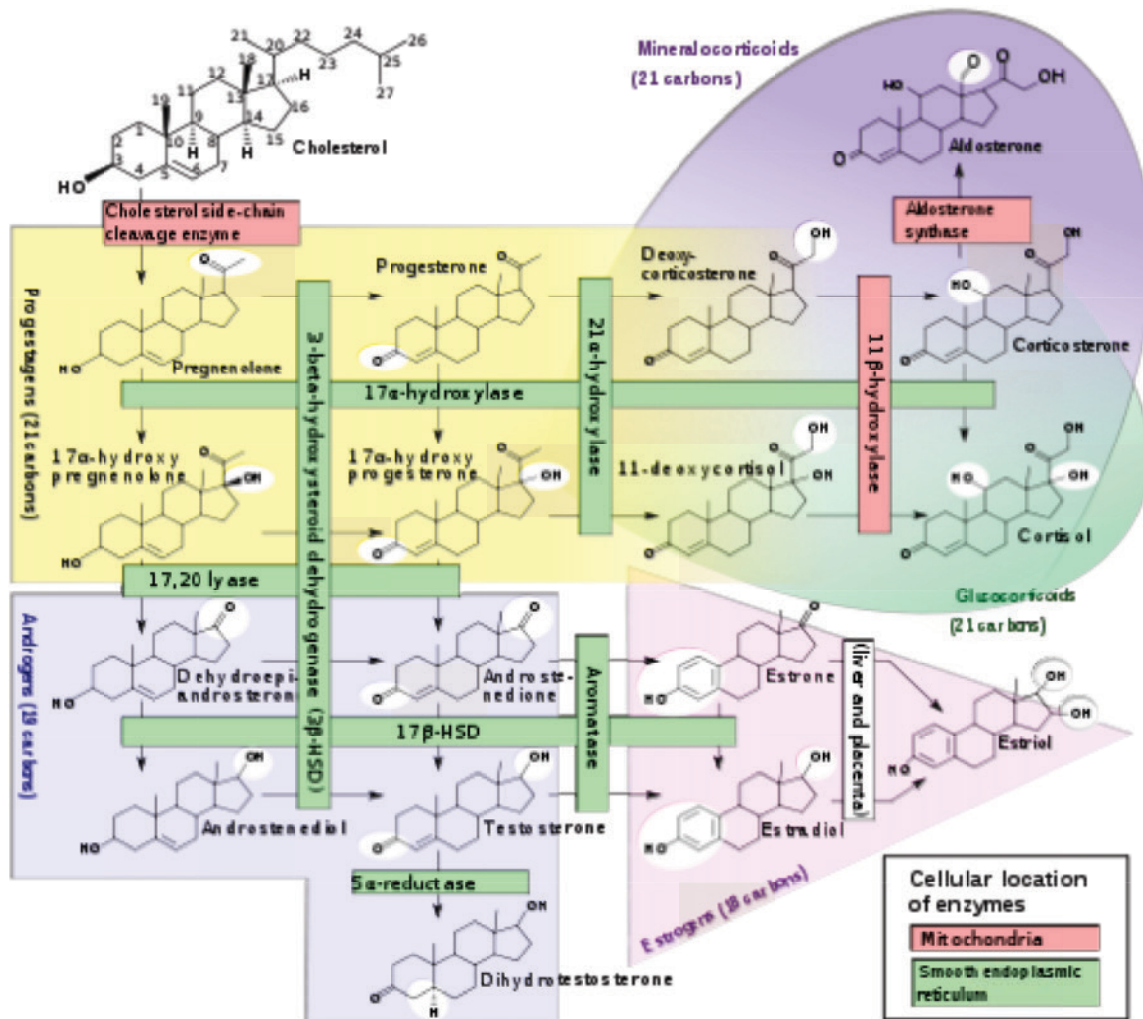
transferred readily from the circulation into the brain, whereas testosterone can. Thus sex differentiation can be caused by the testosterone in the brain of most male mammals, including humans, aromatizing in significant amounts into estradiol.

17-

Androgens promote protein synthesis and growth of those tissues with androgen receptors. Testosterone effects are classified as virilizing and anabolic. Testosterone is anabolic because it also builds up bone and muscle mass. Testosterone regulates the population of thromboxane A<sub>2</sub> receptors on megakaryocytes and platelets and hence, platelet aggregation in humans.

18-

The fact that enzyme aromatase converts testosterone into estradiol is a very significant factor. Another consideration is the testosterone/epitestosterone ratio and the testosterone/luteinizing hormone ratio and the carbon-13 / carbon-12 ratio



As a steroid hormone, testosterone is derived from cholesterol. This shows the importance of the diet part of the puzzle and the levels of the (good vs bad) cholesterol.

19-

Biosynthesis starts with the oxidative cleavage of cholesterol by CYP11A, a mitochondrial cytochrome oxidase with the loss of six carbon atoms to give pregnenolone.

Step #2:

Two additional carbon atoms are removed by the CYP17A enzyme in the endoplasmic reticulum to yield a variety of C<sub>19</sub> steroids. In addition, the 3-hydroxyl group is oxidized by 3-β-HSD to produce androstenedione. Finally, the C-17 keto group androstenedione is reduced by 17-β hydroxysteroid dehydrogenase to yield testosterone.

As I stated, testosterone and estradiol circulate in the bloodstream, bound mostly to SHBG and to some degree bound to serum albumin. Only a small fraction is unbound, or "free" and thus biologically active and able to enter a cell and activate its receptor. The SHBG inhibits the function of these hormones. Thus, bioavailability of sex hormones is influenced by the level of SHBG. SHBG has a higher affinity for Dihydrotestosterone than for Testosterone or for Estradiol, making it essential in women for regulating the bio-availability of Dihydrotestosterone.

20-

There are also many synthetic sex steroids. Synthetic androgens, known as anabolic steroids, along with progestins are used in methods of hormonal contraception. Ethinylestradiol is a semi-synthetic estrogen.

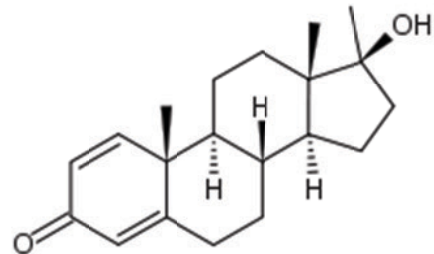
Androgen, known as androgenic hormone or testoid, is the generic term for any natural or synthetic compound, usually a steroid hormone. It stimulates or controls the development and maintenance of male characteristics in vertebrates by binding to androgen receptors. This includes the activity of the accessory male sex organs and development of male secondary sex characteristics. Androgens are also the original anabolic steroids and the precursor of all estrogens, the female sex hormones. The primary and most important androgen to us here is testosterone. Other androgens we will have to deal with are dihydrotestosterone and androstenedione.

The detailed paper addresses the chemical structure of the natural anabolic hormone testosterone propionate, 17β-hydroxy-4-androsten, methyltestosterone, the chemical structure of the synthetic steroid Methandrostenolone (Dianabol) and the natural process of securing an organic physiological process.

21-

The central neurochemical agent controlling emotions is a chemical called dopamine. Dopamine is the principal neurochemical that activates the human reward circuitry, the centerpiece of the limbic system.

This is what controls our behaviors. The more dopamine you release and the more your reward circuit is activated, the more you want or crave something. A good example is food. We get a much bigger blast of dopamine eating high-calorie foods than we do low-calorie foods. It's why we choose ice cream or chocolate cake over carrots or Brussels sprouts. Our reward circuit is programmed so that "calories equal survival."



Serotonin and endorphin levels also rise in the reward circuitry of sexually-satiated rats. Most of us have heard that these are "happy neurochemicals," but in this part of the limbic system both function to put on the brakes instead of just producing warm, fuzzy feelings. Keep in mind that sexual dysfunction is a major side effect of taking either antidepressants that raise serotonin or narcotics that mimic endorphins. When neurochemicals dampen your reward circuitry for a time your libido will suffer.

Similarly, oxytocin increases sexual receptivity and counteracts impotence. Sexual impotence is associated with a reduced production of oxytocin and with an increased production of opioid peptides in the paraventricular nucleus of male rats.

Oxytocin plays a physiological stimulatory role on sexual behavior. Conversely, opioid neuropeptides play a physiological inhibitory role. Studies confirmed that in sexually impotent cases, there is a reduced expression of oxytocin mRNA and an increased expression of proenkephalin and pro-dynorphin mRNA in the paraventricular nucleus of hypothalamus (PVN,) a brain structure of key importance for sexual behavior. This indicated clearly that an imbalance in the production of oxytocin and of opioid peptides in the PVN, with prevalence of opioid peptides, is responsible for sexual impotence.

22-

There are many species of herbaceous flowering plants in the family Berberidaceae that have positive use in this area of interest, yet, as I indicated, it doesn't mean it's safe to ingest the whole plant as it appears in nature. You need the chemist's knowledge to not only extract the right part and remove the wrong part, but also to condition the extracted compound so that it would perform within the complete picture of the human chemical equations involved in the sex operation.

An example I mentioned is Epimedium, where icariin is the target element, but, first, it is found in standardized extracts as low as 5% potent, and no concentration higher than 50% potent can be obtained without the use of a knowledgeable laboratory. Icariin is purported to work by increasing levels of nitric oxide, which relaxes penile muscle / tissue by nitric oxide and PDE-5 activity, increasing in penile blood pressure.

Like in sildenafil, icariin, the active compound in Epimedium, inhibits the activity of PDE-5. Icariin weakly inhibits PDE-5 with an IC<sub>50</sub> of around 1 μM, while sildenafil has an IC<sub>50</sub> of about 6.6 nM (.0066 μM) and vardenafil (Levitra) has an IC<sub>50</sub> of about 0.7 nM (.0007 μM). Measured differently, the EC<sub>50</sub> of icariin is approximately 4.62 μM, while sildenafil's is .42 μM.

Modified icariin however, can offer more with a number of derivatives. Inhibitory concentrations for PDE-5 close to sildenafil could be reached in a laboratory. Moreover, the most potent PDE-5 inhibitor of this series was also found to be a less potent inhibitor of phosphodiesterase-6 (PDE-6) and cyclic adenosine monophosphate-phosphodiesterase (cAMP-PDE), thus showing it to have more specificity for PDE-5 than sildenafil.

Epimedium has been shown to up-regulate genes associated with nitric oxide production and changes in adenosine/guanine monophosphate balance in ways that other PDE5 inhibitors do not. Epimedium, utilized right in a laboratory, has potentials to help sexual dysfunction (and osteoporosis.)

Epimedium was used in a patent infringement case to rescind parts of the U.S. viagra patent based on historic use in Chinese medicine. The specific claim was that viagra was the first medical example of a pde5 inhibitor which treated erectile dysfunction and therefore claimed patent

protection from all similar pde5 inhibitors. Patent examiners used Epimedium as an example of prior use and rescinded those portions of the patent, however, the viagra patent still protects the manufacturing process and/or chemical formula for sildenafil. As explained, such narrow area coverage of the problem is harmful because it is not performing within the harmony of the natural and complete human chemistry.

Epimedium contains a number of flavanoids. A total of 37 compounds were characterized from the underground and aerial parts of the plant. Among them, 28 compounds were prenylated flavonoids. The predominant flavonoid, epimedin C, ranged from 1.4 to 5.1% in aerial parts and 1.0 to 2.8% in underground parts. Viagra's active compound, sildenafil, works by inhibiting the enzyme "phosphodiesterase-5" (PDE5). Because PDE5 helps control blood flow to the penis, inhibiting PDE5 promotes male erection.

It is not the "weed" as a plant. It is a specific target in it, isolated from other negative elements. A tested specie of epimedium was shown to inhibit a substantial amount of the enzyme known as acetylcholinesterase (AChE). AChE rapidly stops neurotransmission at cholinergic synapses like those found in the brain and at neuromuscular junctions, which are needed for speedy responses in the neuromuscular system.

By inhibiting AChE, it supports higher levels of the key cholinergic neurotransmitters associated with sexual arousal. It helps Nitric Oxide effectiveness in the body as a PDE-5 Inhibitor (this is how the good side of Viagra, Cialis & Levitra work.) It contains the indicated prominent flavonoid called icariin. Icariin is a cGMP-specific PDE5 inhibitor like Viagra, Cialis and Levitra.

Yet again, ingesting the herb as whole shows little effectiveness due to interference by other unwanted side-effects, and a mere extract will again leave us with same problem of isolated limited approach to the problem – which is the same approach Viagra-like drugs do – without a healthy, complete, natural and safe organic answer.

23-

Another case is Icariin, a cGMP-specific PDE5 inhibitor that can be developed into an oral effective agent for the treatment of ED.” Besides it's PDE-5 inhibitor characteristics it also has positive effects on the endocrine system functioning as an adaptogen by increasing levels of epinephrine, norepinephrine, serotonin, and dopamine when they are low – promoting energy, but reduces cortisol levels when they are elevated (an anti-stress effect). High stress conditions, increase cortisol levels causing fatigue and depressing sex drive.

We must not ignore from the complete picture the need to modulate levels of the hormones cortisol, testosterone, and thyroid hormone.

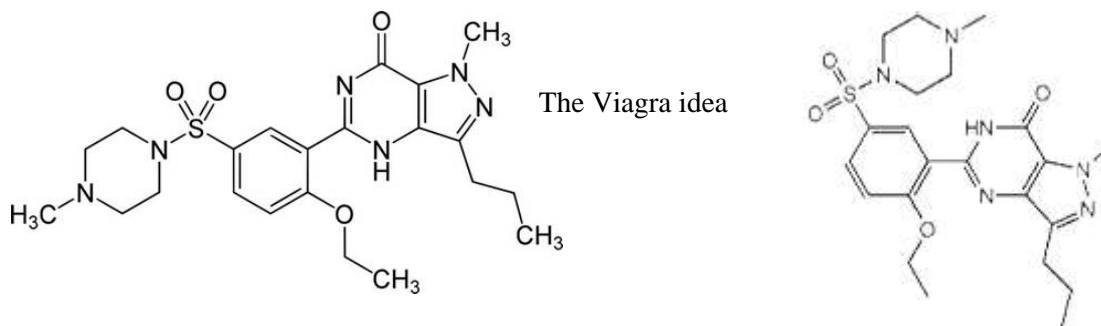
And:

While Epimedium brevicornum, was one of the highest estrogenic activity, epimedium koreanum was found to cause significant inhibition of the cholinesterase enzyme. This can theoretically increase the risk of loss of muscle co-ordination and jerky movements due to acetylcholine buildup in muscles.

And, high doses of icariin (3,7-bis-(2-hydroxyethyl)-icaritin), the target compound found in a "natural plant" - may be toxic to the kidneys and liver.

24-

During sexual arousal, a chemical called cyclic GMP causes smooth muscle to relax, increasing blood flow to the penis. Viagra works by blocking an enzyme that normally breaks down this chemical. This allows more blood to flow to and be trapped in the penis, resulting in an erection. As I explained the end result can be achieved in a natural, safe way.



The new warning attached to the Viagra commercial "it may cause loss of vision of hearing, and, a heart attack, is actually a reflection on the fact that many of the laboratory rats died, and most have gone totally blind in 3 years. Obviously this is not the way to approach the issue.

Another part of the puzzle:

The high levels of l-dopa which is found in mucuna seed are converted to dopamine which stimulates the release of growth hormone by the pituitary gland. L-dopa and dopamine are also effective inhibitors of prolactin. (Increased levels of prolactin are considered responsible for 70-80% of erection failure in males.) It even helps promote fertility and spermatogenic effects in human males, being able to improve sperm count and motility. However, taking the whole seed - which is sold by many commercial projects, will introduce serious side effects.

Again, the enzyme called acetylcholinesterase (AChE) rapidly stops neurotransmission at cholinergic synapses like those found in the brain and at neuromuscular junctions, which are needed for speedy responses in the neuromuscular system.

By inhibiting AChE, some of the indicated weeds support higher levels of the key cholinergic neurotransmitters associated with sexual arousal, help Nitric Oxide effectiveness in the body as a PDE-5 Inhibitor (which is how Viagra, Cialis & Levitra work). Extracting that enzyme and utilizing is safely, using icariin, is an important part of the puzzle and of the laboratory mission here.

Icariin is a cGMP-specific PDE5 inhibitor like Viagra, Cialis and Levitra. We can then deal with the levels of epinephrine, norepinephrine, serotonin, and dopamine when they are low – promoting energy, reducing cortisol levels when they are elevated (an anti-stress effect). High stress conditions, increase cortisol levels causing fatigue and depressing sex drive.

25-

All indicated parts of the complete picture must be harmoniously accommodated: the main facts such as the conversion of testosterone to estradiol/testosterone process, estradiol, which, like other steroids, is derived from cholesterol, the designed side chain cleavage using the delta-5 or the delta-4 pathway, with androstenedione as a key element in sexual performance, and the

supportive extractive used as buffers. A blind uneducated herbal use will not work. For example, a fraction of the androstenedione is actually converted to testosterone, which in turn undergoes conversion to estradiol by an enzyme called aromatase.

26-

Like other steroid hormones, testosterone is derived from cholesterol. This is a main door that has never been knocked onto properly. The first step in the biosynthesis involves the oxidative cleavage of the sidechain of cholesterol by CYP11A, a mitochondrial cytochrome oxidase with the loss of six carbon atoms to give pregnenolone. This is fact worth repeating.

In the next step, two additional carbon atoms are removed by the CYP17A enzyme in the endoplasmic reticulum to yield a variety of C19 steroids. In addition, the 3-hydroxyl group is oxidized by 3- $\beta$ -HSD to produce androstenedione. In the final and rate limiting step, the C-17 keto group androstenedione is reduced by 17- $\beta$  hydroxysteroid dehydrogenase to yield testosterone.

The two main classes of sex steroids are androgens and estrogens, of which the most important human derivatives are testosterone and estradiol, respectively, as illustrated, can be made to be produced naturally. Other contexts will include progestagen as a third class of sex steroids, distinct from androgens and estrogens. Progesterone is the most important and only naturally-occurring human progestagen. In general, androgens are considered "male sex hormones", since they have masculinizing effects, while estrogens and progestagens are considered "female sex hormones" although all types are present in each sex, albeit at different levels. These compounds are easily made the result of the conversion explained.

In an alternative pathway, androstenedione is aromatized to estrone, which is subsequently converted to estradiol. Also, estradiol circulating in the bloodstream, bound mostly to SHBG and to some degree bound to serum albumin. Only a small fraction is unbound, or "free," and thus biologically active and able to enter a cell and activate its receptor. It explains why and how the same hormone would respond differently in men than in women. The SHBG inhibits the function of these hormones. Thus, bioavailability of sex hormones is influenced by the level of SHBG. SHBG has a higher affinity for Dihydrotestosterone than for Testosterone or for Estradiol, (which is why, in women, the body regulates the bio-availability of Dihydrotestosterone. During the reproductive years, most estradiol in women is produced by the granulosa cells of the ovaries by the aromatization of androstenedione "produced in the theca folliculi cells" to estrone, followed by conversion of estrone to estradiol by 17 $\beta$ -hydroxysteroid dehydrogenase. Smaller amounts of estradiol are also produced by the adrenal cortex, and "in men", by the testes. Estradiol is not produced in the gonads only: In both sexes, testosterone is converted by aromatization to estradiol. In particular, fat cells are active to convert precursors to estradiol, and will continue to do so even after menopause. Estradiol is also produced in the brain and in arterial walls.)

Also as indicated, estradiol enters cells freely and interacts with a cytoplasmic target cell receptor. After the estrogen receptor has bound its ligand, estradiol can enter the nucleus of the target cell, and regulate gene transcription, which leads to formation of messenger RNA. The mRNA interacts with ribosomes to produce specific proteins that express the effect of estradiol upon the target cell. Estradiol binds well to both estrogen receptors, ER $\alpha$ , and ER $\beta$ , in contrast to certain other estrogens, notably medications that preferentially act on one of these receptors. These medications are called selective estrogen receptor modulators, or SERMs. Estradiol is the most potent naturally occurring estrogen.

27-

The effect of estradiol (and estrogens) upon male sex performance and reproduction is complex. Estradiol is produced by action of aromatase mainly in the Leydig cells of the mammalian testis, but also by some germ cells and the Sertoli cells of immature mammals. It functions to prevent apoptosis of male sperm cells. Males with sex chromosome genetic conditions, such as Klinefelters syndrome, will have a higher level of estradiol, and as such, an individualized educated approach by a medicinal chemist is the answer.

Note, again, that testosterone is a steroid hormone from the androgen group. We can use this fact to our advantage: the different "versions" of testosterone in nature. Fish makes a slightly different form called 11-ketotestosterone. Its counterpart in insects is ecdysone. These ubiquitous "natural" steroids can be utilized as part of the whole puzzle.

Note also that less than 10% of testosterone is reduced to 5 $\alpha$ -dihydrotestosterone (DHT) by the cytochrome P450 enzyme 5 $\alpha$ -reductase, an enzyme highly expressed in male accessory sex organs and hair follicles.

Less than 0.5% of testosterone is converted into estradiol by aromatase (CYP19A1) an enzyme expressed in the brain, liver, and adipose tissues.

DHT is a more potent form of testosterone while estradiol has completely different activities (feminization) compared to testosterone (masculinization).

Finally testosterone and DHT may be deactivated or cleared by enzymes that hydroxylate at the 6, 7, 15 or 16 positions.

28-

Other factors that constitute parts of the puzzle:

- A subset of androgens, adrenal androgens, includes any of the 19-carbon steroids synthesized by the adrenal cortex, the outer portion of the adrenal gland (zonula reticularis—innermost region of the adrenal cortex), that function as weak steroids or steroid precursors, including dehydroepiandrosterone (DHEA), dehydroepiandrosterone sulfate (DHEA-S), and androstenedione.

- Dehydroepiandrosterone (DHEA): a steroid hormone produced in the adrenal cortex from cholesterol, is the primary precursor of natural estrogens. DHEA is also called dehydroisoandrosterone or dehydroandrosterone.

- Androstenedione (Andro): an androgenic steroid produced by the testes, adrenal cortex, and ovaries. While androstenediones are converted metabolically to testosterone and other androgens, they are also the parent structure of estrone.

- Androstenediol: the steroid metabolite that is thought to act as the main regulator of gonadotropin secretion.

Androsterone: a chemical by-product created during the breakdown of androgens, or derived from progesterone, that also exerts minor masculinising effects, but with one-seventh the intensity

of testosterone. It is found in approximately equal amounts in the plasma and urine of both males and females.

- Dihydrotestosterone (DHT): a metabolite of testosterone, and a more potent androgen than testosterone in that it binds more strongly to androgen receptors. It is produced in the adrenal cortex.

- Androgens inhibit the ability of some fat cells to store lipids by blocking a signal transduction pathway that normally supports adipocyte function. Also, androgens, but not estrogens, increase beta adrenergic receptors while decreasing alpha adrenergic receptors- which results in increased levels of epinephrine/ norepinephrine due to lack of alpha-2 receptor negative feedback and decreased fat accumulation due to epinephrine/ norepinephrine then acting on lipolysis-inducing beta receptors.

- Circulating levels of androgens can influence human behavior because some neurons are sensitive to steroid hormones. Androgen levels have been implicated in the regulation of libido. Androgens are capable of altering the structure of the brain in several species, including mice, rats, and primates, producing sex differences. Numerous reports have outlined that androgens alone are capable of altering the structure of the brain, however it is difficult to identify which alterations in neuroanatomy stem from androgens or estrogens, because of their potential for conversion.

- Anabolic steroids, technically known as anabolic-androgen steroids (AAS) or colloquially simply as "steroids", are drugs that mimic the effects of testosterone and dihydrotestosterone in the body. They increase protein synthesis within cells, which results in the buildup of cellular tissue (anabolism), especially in muscles. Anabolic steroids also have androgenic and virilizing properties, including the development and maintenance of masculine characteristics.

- Chemical structure of the synthetic steroid Methandrostenolone (Dianabol). 17 $\alpha$ -Methylation enhances oral bioavailability. Three major ideas governed modifications of testosterone into a multitude of AAS:

Alkylation at 17-alpha position with methyl or ethyl group created orally active compounds because it slows the degradation of the drug by the liver; esterification of testosterone and nortestosterone at the 17-beta position allows the substance to be administered parenterally and increases the duration of effectiveness because agents soluble in oily liquids may be present in the body for several months, and alterations of the ring structure were applied for both oral and parenteral agents to seeking to obtain different anabolic to androgenic effect ratios.

- The pharmacodynamics of anabolic steroids are unlike peptide hormones. Water-soluble peptide hormones cannot penetrate the fatty cell membrane and only indirectly affect the nucleus of target cells through their interaction with the cell's surface receptors. However, as fat-soluble hormones, anabolic steroids are membrane-permeable and influence the nucleus of cells by direct action.

The pharmacodynamic action of anabolic steroids begin when the exogenous hormone penetrates the membrane of the target cell and binds to an androgen receptor located in the cytoplasm of that cell. From there, the compound hormone-receptor diffuses into the nucleus, where it either alters the expression of genes or activates processes that send signals to other parts of the cell. Different types of anabolic steroids bind to the androgen receptor with different affinities, depending on their chemical structure. Some anabolic steroids such as methandrostenolone bind



weakly to this receptor in vitro, but still exhibit androgenic effects in vivo. The reason for this discrepancy is not known.

- Taking doses of commercial anabolic steroids products can cause many adverse effects. Most of these side-effects are dose-dependent, the most common being elevated blood pressure, especially in those with pre-existing hypertension, and harmful changes in cholesterol levels: Some steroids cause an increase in LDL "bad" cholesterol and a decrease in HDL "good" cholesterol. Anabolic steroids have been shown to alter fasting blood sugar and glucose tolerance tests. Acne is fairly common among anabolic steroid users, mostly due to stimulation of the sebaceous glands by increased testosterone levels.

Conversion of testosterone to dihydrotestosterone (DHT) can accelerate the rate of premature baldness for males genetically predisposed, but testosterone itself can produce baldness in females. High doses of oral anabolic steroid compounds can cause liver damage, as the steroids are metabolized ( $17\alpha$ -alkylated) in the digestive system to increase their bioavailability and stability. Just another example of the danger of imbalanced, uneducated treatment approaches.

- Protodioscin boosts testosterone by first triggering an increase in luteinizing hormone (LH), which then signals the body's Leydig cells to produce more testosterone. High concentrations of LH keep natural production of testosterone at consistent peak levels. We looked into the details involved and made use of the related notes.

- A famous experiment shows that 8-OH-DPAT, yohimbine, naloxone and naltrexone, reverse this sexual satiety, indicating that the noradrenergic, serotonergic and opiate systems are involved in this process. Indeed, direct neurochemical determinations showed changes in various neurotransmitters during sexual exhaustion. Given enough stimulation, by changing the stimulus female, sexual satiety was prevented, suggesting that there are motivational components of the sexual inhibition that characterizes sexual exhaustion. The GABA antagonist bicuculline, or the electrical stimulation of the medial preoptic area, did not reverse sexual exhaustion. These data show, on the one hand, that sexual exhaustion and the postejaculatory interval (which is shortened by bicuculline administration) are not mediated by similar mechanisms and, on the other, that the medial preoptic area does not regulate sexual satiety. The androgen receptor density in brain areas closely related to the expression of masculine sexual behavior, such as the medial preoptic nucleus, was drastically reduced in sexually exhausted animals.

Such reduction was specific to certain brain areas and was not related to changes in the levels of androgens. These results show that changes in brain androgen receptors account for the inhibition of sexual behavior present during sexual exhaustion. The recovery process of sexual satiety after 4 hours of ad libitum copulation reveals that, after 4 days, only 63% of the males are able to show sexual behavior while after 7 days all animals display copulatory activity. Again, it is imperative to address the issue from all angles.

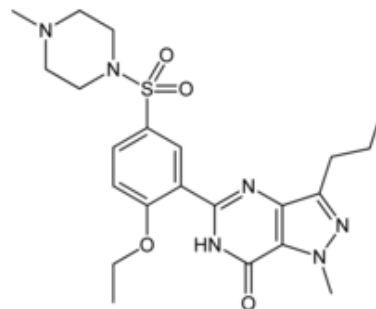
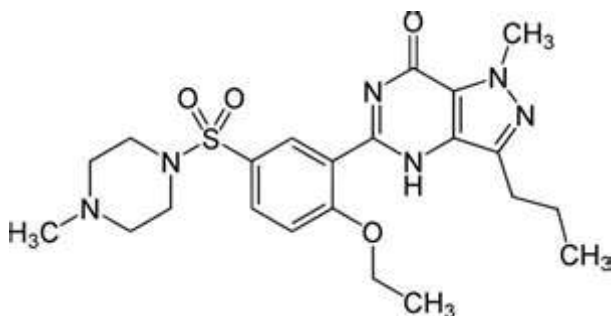
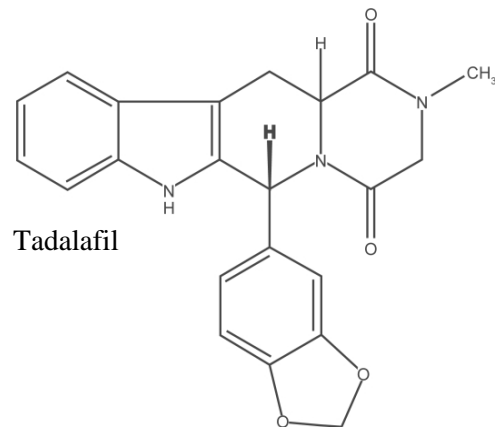
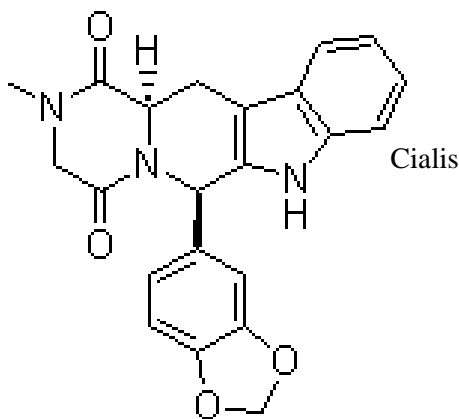
- The control, conversion to, and manipulation of dopamine, serotonin, oxytocin and endorphin are major and natural neurochemicals and key factors. Again, keep in mind that sexual dysfunction is often a major side effect of taking either antidepressants that raise serotonin or narcotics that mimic endorphins.

- Sexual impotence is associated with a reduced production of oxytocin and with an increased production of opioid peptides in the paraventricular nucleus. This fact must be underlined: Oxytocin plays a physiological stimulatory role on sexual behavior. Conversely, opioid neuropeptides play a physiological inhibitory role. In sexually impotent studied cases there is a reduced expression of oxytocin mRNA and an increased expression of proenkephalin and pro-

dynorphin mRNA in the paraventricular nucleus of hypothalamus (PVN), a brain structure of key importance for sexual behavior. These data suggest that an imbalance in the production of oxytocin and of opioid peptides in the PVN, with prevalence of opioid peptides, may underlie a condition of sexual impotence.

- Viagra, of course, targets blood vessels (to produce erections), not the brain's natural and safe neurological source itself. And, I have explained the side effect problems. Nitric oxide can be produced in the body in a natural manner. Erection is due to an increase in blood flow into the corpus cavernosum of the penis in men and clitoral engorgement due to increased blood flow in women. This increased blood flow is facilitated by the production of Nitric Oxide. Without sufficient Nitric Oxide production there is reduced blood flow and erectile dysfunction (ED) or the inability to produce and sustain an erection. Erectile dysfunction is classified as a vascular problem and is the direct result of insufficient Nitric Oxide production in the body. Current ED medications, such as Viagra and Cialis, work through a limited Nitric and solely Oxide pathway. Without Nitric Oxide, these medications are ineffective. But, releasing "NO" this way as the sole answer is wrong.

So, let's have another look at the viagra-like products from another angle. The molecular structure of both viagra and cialis illustrates several ignored facts indicated in the preceding paragraphs:



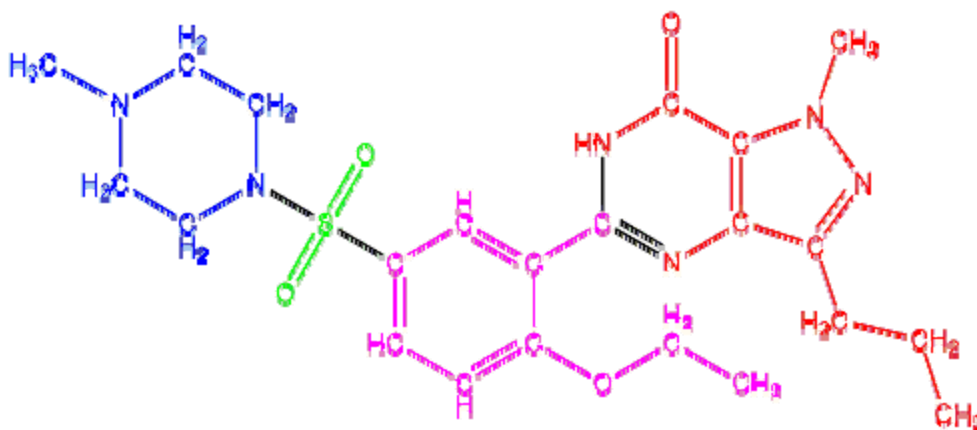
With both products, as well as other similar products, as I explained earlier, Nitric oxide (NO) produces cavernous smooth muscle relaxation and erection of the main media.

Formulas can be manipulated to maneuver around a patent.

An illustration: sildenafil citrate.

Chemists assemble specific molecules or carbon-copies of pharmaceutical products to serve a very specific and limited objective. In the case of sildenafil, the key part of sildenafil citrate known as Viagra. The objective is to release Nitric oxide (NO) from the nerve endings of the sexually stimulated male, leading to the production of cyclic guanosine monophosphate (cGMP) which relaxes penis vessels, allowing more blood flow to increase. Enzymes break down the messenger, allowing some blood to flow out of the penis. Viagra, molecular impostors of cGMP, relieve men with erectile dysfunction by competitively binding to the enzyme phosphodiesterase type 5, which then cannot attack its intended prey. The end result is a prolonged erection associated with sexual stimulation.

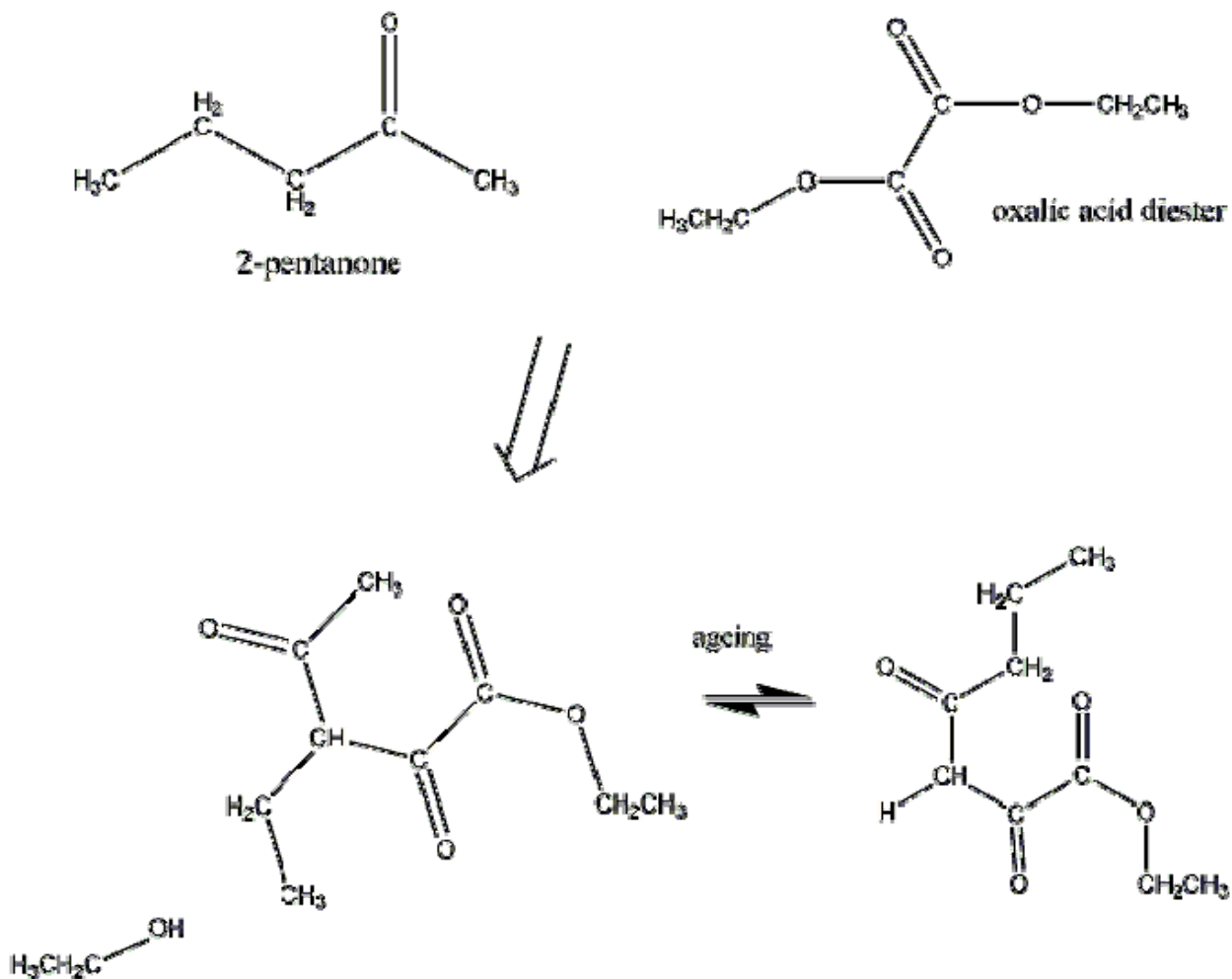
Here again is the structure of sildenafil.



The coloured parts are essentially its four basic building blocks. The chemistry of the components' precursors, the thermodynamic stability of in-between products and anticipation of side reactions, are the key facts. And, because specific factors such as pH, temperature and solvent-type are significant, it takes the total picture becomes more complex and coming up with a sequence of reactions that will yield a respectable amount of final product must take into consideration the by-products that would cause side effects.

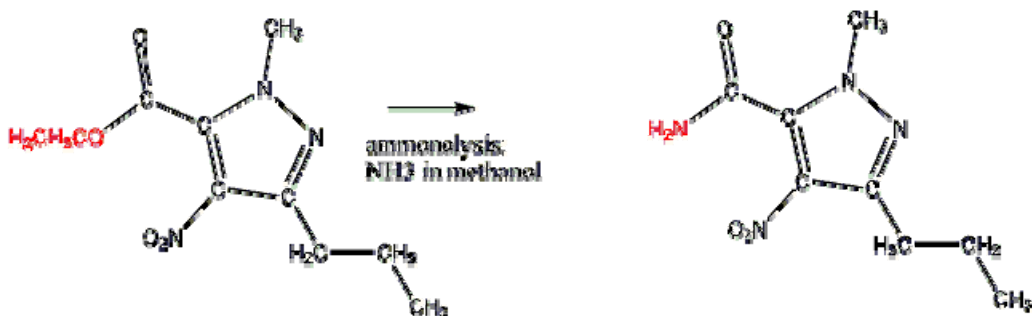
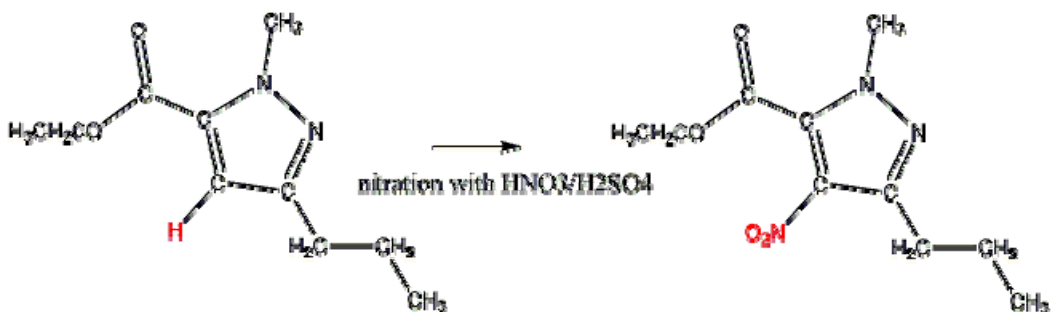
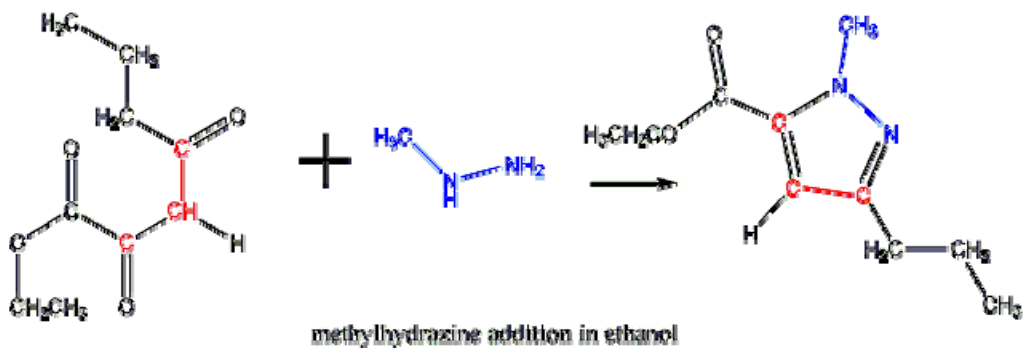
In the presented synthesis ( which is not the only viable method), there are nine steps. If each step was only 90% efficient, then the overall process would only have a  $0.90^9 = 39\%$  yield. 61% of the original mass of reactants would be unwanted. The red part of the molecule that features a pentagon-shape with two nitrogen atoms and two additional nitrogen atoms is a pyrazole-derivative. Looking at the final Viagra structure, the reactant, dubbed pyrazole 4 is the key to the overall production of Viagra that several pharmaceutical companies have patented ways around manipulating the product formula. In one method, they used a colorless and rare food additive

with a smell like that of nail-polish remover, that, due to alkaline conditions, attacks the electron of the double-bonded carbon in oxalic acid diester. (Also known as ethyl oxalate.)



The fused product, accompanied by the production of alcohol, must be allowed to age to its more thermodynamically stable product (see the right of the equilibrium sign.)

The two nucleophilic nitrogens of methylhydrazine subsequently attack two C=O groups of the same molecule to create the pyrazole. In the two final steps that create pyrazole 4, nitric acid and ammonia add two more nitrogen atoms, which are needed keys to latch on to the "purple part" of the Viagra molecule.



Pyrazole 4's nitro group (NO<sub>2</sub>) is reduced with hydrogen gas to an amino group (NH<sub>2</sub>). This will fuse with a molecule created by three common chemicals combining in a chlorosulphonation reaction. As a result, the chlorine atom gets bumped out by the more basic of the two nitrogen atoms in the piperazine ring while the rest of the chlorosulfuric acid (ClSO<sub>3</sub>H) molecule attacks the aromatic ring of 2-ethoxybenzoic acid

30-

More basic facts that are part of the complete picture:

Cymbalta phosphodiesterase (PDE) V selective inhibitors, can enhance sexual stimulation.

Induced "NO" and its role in erectile physiological responses: "NO" from nerve endings and the release of endothelial cells and smooth muscle out the receptor binding.

Activation of intracellular soluble guanylyl cyclase, which in Mn<sup>2+</sup> participation.

The guanosine triphosphate (GTP) process into Central guanosine monophosphate (cGMP), cGMP-activated protein kinase G (PKG respectively) and the small number of protein kinase A

(PKA), the activation of PKA and PKG respectively, through the activation of Ca<sup>2+</sup> + pump so intracellular free Ca<sup>2+</sup> + levels decrease, resulting in smooth muscle relaxation, blood flows, congestive penis, hard erection.

In human cavernous smooth muscle tissue and blood vessels exist PDE V, cGMP hydrolysis to enable GMP, so erectile block of NO-cGMP pathway. Cymbalta selective phosphodiesterase V inhibitor, could prevent the degradation of cGMP, thereby enhancing sexual excitement erectile response. In vitro experiments showed that the goods on the PDE V selective than the other PDE isozymes. It involves cardiac contraction of PDE-III, but at higher doses can inhibit retinal exist in the PDE, raising the issue of visual effects.

31-

Viagra as an octyl acetate, is an ester in which an 8 carbon strand is connected to the O and a methyl attached to the carbonyl.

Sildenafil citrate: C<sub>28</sub>H<sub>38</sub>N<sub>6</sub>O<sub>11</sub>S

sildenafil citrate; 1-[3-(6,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo [4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-4-methylpiperazine citrate

Cialis is: C<sub>22</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub>

It also work by inhibiting the enzyme phosphodiesterases, which increases vasodilatation.

Cialis' molecular structure, as illustrated, differs from Viagra; though the basic idea is the same. It shows how patent protection can be manipulated.

As explained, some parts of what I called it "the puzzle" do not exist in these products.

Many simple, natural facts that are part of the natural and healthy sex performance are not there. Many facts are ignored as indicated.

Another example: Allicin, which contributes to increased testosterone, generally does not convert well in supplements. It can be extracted easily from onions and garlic, and used as part of the final product, along with all other needed ingredients. We can fix that.

Another example: Quercetin is a photochemical that is part of the coloring found in the skins of apples and red onions. It has been isolated and is sold as a dietary supplement. A recent study showed that purified quercetin has similar effects as Viagra and acted as a strong PDE inhibitory activity not likely related to its antioxidant effects. Unlike Viagra's side effect, quercetin has been able to lower blood pressure through increasing vasodilatation. Again I must state, the answer is not as simple as ingesting apples & onions!

All these facts put together, give us the tools we manipulate the brain into optimum sexual operation.

32-

And, on a semi-related note, nature has inserted specific programmes in us. Clearly "falling in love" decreases men's testosterone levels while increasing women's testosterone levels. It has been found that when the testosterone and endorphins in the ejaculated semen meet the cervical wall after sexual intercourse, females receive a spike in testosterone, endorphin, and oxytocin levels, and males after orgasm during copulation experience an increase in endorphins and a marked increase in oxytocin levels.

This adds to the hospitable physiological environment in the female internal reproductive tract for conceiving, and later for nurturing the conceptus in the pre-embryonic stages, and stimulates feelings of love, desire, and paternal care in the male (this is the only time male oxytocin levels

rival a female's). Using this fact, can also be a key element to our advantage in manipulating the brain.

Yes, our feelings, desires and responses are chemical reactions we can manipulate.

In conclusion, to isolate one element, to ignore another factor, or to conflict it with another process, to take a drug, an herb or an injection; will not do the job and may do more harm than good.

Herbal doses and hormone injections are not the answer and they will cause more harm than good as briefly explained.

Mere chemical drugs address one issue and cause conflicts and organic complications resulting in negative side effects often worse than the treated issue.

The real answer is a compound of complete elements carefully structured to address all the issues of hormone enticement in the body and to safely and naturally mimic the body's response in such a way that creates a normal, natural, healthy performance.

Now you can see how the new approach would work.

The same approach is utilized to treat anti-aging, weight loss, memory retention improvement and the prevention of diseases such as dementia cases and selecting the sex of your baby. Even the service of offering a personal customized vitamins and mineral profile is an important, yet ignored service. Many people don't realize the danger of taking commercial multi-vitamins products. The reason is that each person may have significant variation in the level of a certain vitamin or mineral. Too high a level of one element would endanger another element. As well, not taking multi-vitamins at all is not the answer. As indicated, eating all the veggies and fruits one could possibly ingest in a day may only offer a limited level of some elements of which a healthy body would need over 10 times as much.

In other words, the clinic will provide a wide range of valuable services and promises an incredible success.

O.G. Laboratories Canada is proud to be the research company to present this pioneering approach to treat and prevent the indicated specific deficiencies and dysfunctions, the natural way.

**The results obtained in prostate health, sexual performance, memory retention, anti-aging and gender pre-selection have been exceptionally successful.**

**And again, the approach of a natural and balanced complete approach results in an incredible improvement in prostate health.**

**The same unique approach is utilized to treat memory retention related diseases.**

**The programme will offer a valuable package of the health service areas outlined on page 8 of this presentation.**

O. G. Laboratories Canada  
Dr. Paul H. Ramses Gouda

Additional report addressing  
the expected setup costs  
and the estimated profits.



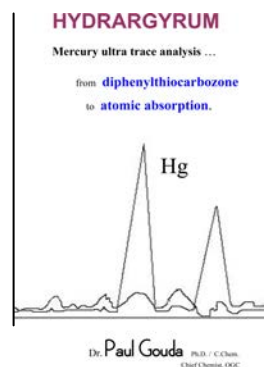
## Optimum Green Laboratories, preliminary business sketch – report-4.

### 1- Legal:

OG Laboratories Canada was established in Ontario, Canada in 1994. The OGCL technical management expanded in 2003 to a committee of nine research pharmaceutical & medical doctors & chemists and 5 branches world-wide. Ref: [www.optimumgreen.com](http://www.optimumgreen.com)  
The founder, sole proprietor and the company's copyright holder is scientist-chemist Dr. Paul H. Ramses Gouda, C.Chem. – P.R.D. – Ph.D. All rights to all research products and achievements are the property of the company, not the individual employed scientist. This clarification addresses the services that are a result of combined effort, or were only partially or indirectly developed by Dr. Paul Ramses Gouda.  
The initial theoretical hypothesis with which the research commenced, and the SOP that was successfully proven as the foundation of the scientific method of chemical manipulation of hormonal compounds to mimic biochemical reactions, was first introduced by OGC's founder over 6 years ago. Further development, in several areas, involved assignments completed by associate scientists working under his directions. As far as this business plan, the thesis of OGC's unique method of "the manipulation of hormonal compound to mimic the natural neurological physiological response" is exclusively reserved to Dr. Paul H. Ramses Gouda and is protected under copyright number 1096728 – Canadian Intellectual Property office – Ottawa, June 29<sup>th</sup>. 2012.  
The research, the commercial assignments, the financial remuneration of chemists-doctors and the legal company representation shall be administered solely through the legal owner representing OGL.

### 2- The services:

The unique & valuable nature of this service is its approach, which is focused on the safe natural hormonal-mimicking method, duplicating the normal youthful function in the human body. Please see the attached business presentation, report-3 in English, which is one illustrative example on how one service, the health improvement of sexual performance and its associated positive side-effect including prostate health and improved masculinity, can be triggered in the body in a fashion identical to the youthful, natural, healthy way our body functions. Here are the fruits of the decade of research by a group of dedicated OGC scientists:



#### a- **Individualized customized vitamins & minerals supplementary programmes.**

OGC chemists are the pioneer researchers in this field. This is a subject with gross misconception and public health danger. Many people don't appreciate the serious danger of the one size fits all multi vitamins approach. Many health problems, including cancer and kidney stones are a result of under, and over levels or imbalanced V&M doses.

Taking shelf-products of V&M – or not taking any at all, both can do more harm than good. Many essential V&M cannot be obtained from our diet no matter how healthy we eat. And, many vitamins and mineral conflict with one another. Many elements must be kept at a specific level and with a specific ratio to other minerals. This is a service no family doctor can provide. It is not an area family doctors are familiar with. It requires an initial profile via blood & urine analyses to determine one's level of several elements, and a customized mixture of V&M. This is not a secondary or less significant service. This is exceptionally important – and we know it'll be the way of future specialized medical – pharmaceutical services.

This area of **specialized care via individualized V&M profile**, will also enable the scientist-doctor to address three other specific health services:

- 1- **anti-aging / skin health care.** This has shown incredible results especially in women.
- 2- **effective weight management.**
- 3- **effective athletic endurance for such sports as marathon running and football.**

b- **Prostate health improvement & recovery.** The chief scientist of OGL is a living proof. See the business presentation.

c- **Sexual dysfunction treatment & prevention.** Thus, even those with a presently healthy sexual

performance would still be potential clients. This approach – as explained in the business presentation – is nothing like the current drug approaches which cause chemical imbalance and severe side effects including blindness and even stroke.

- d- Utilizing biochemistry to mimic hormonal compounds in dealing with brain chemistry, as a **natural approach to treat and prevent deteriorations associated with memory retention problems such as dementia cases**. Please read the business presentation, view the EPL – CS examination verification report and the submission in support of the motion of “intent-to-nominate” OGC to the Canadian National Research for further nomination to the science Nobel prize.

**A legal note:** please see document-11-2-2013 re. communication with OGC and its legal copyright owner with respect to OGC’s conditions to release specific data related to the formulas & the SOP at this stage without secured commercial guarantees and red-tape procedures security.

- e- Gender selection. **Choosing the sex of your baby**. OGC clinic, via Dr. Paul Ramses has achieved near 100% mammal sex selection in both human conception and animal breeding for the past 8 years. The OGC’ head scientist is accredited with a unique effective method, and he is the author of the book “choosing the sex o your baby; made simple, made certain. The book is available at [www.iuniverse.com](http://www.iuniverse.com) This consultation service is expected to meet a solid market demand. Understanding the religious culture, the clinic will post a note explaining that there is no conflict with their religious belief, and – God willing – this is a service based on knowledge revealed to us by the creator, for our happiness.

- f- **Environmental analytical services**. The analytical laboratory instrumentation and setup will allow for a separate commercial service in the area of QC – QA to government agencies and private industries. This area of chemical analysis includes such samples as food products, air, potable water, alloys products for inorganic analysis, industrial waste contaminants, and other required analysis. This service alone has a great potential reward.

OGC has operated in this field for two decades and is accredited with the establishment of several SOPs. The OGL head scientist has authored two university textbooks:

- 1- As, Se, Sb ultra-trace analysis
- 2- Hg analysis from diphenylthiocarbozone to AAS “atomic absorption spectroscopy” and ICP “inductively coupled plasma.”

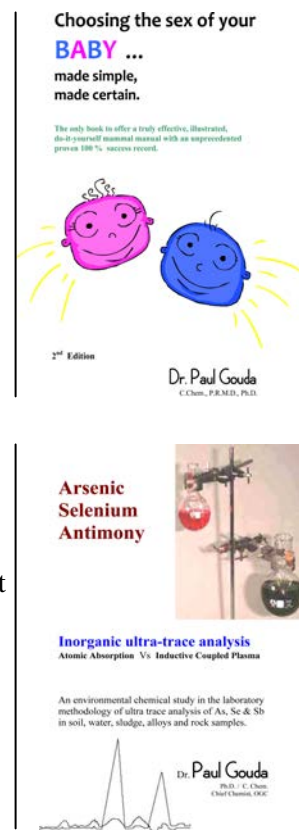
### 3- The practice implementation:

#### a) The facility:

Step-1 of the initial plan is one central clinic outside Canada. The Scientist representing the OGL project wishes to relocate to a warm climate, either Southern America or the Middle East, likely a Gulf state. As well, red-tape procedures in Canada would make the feasibility of a practical commercialization of this new and unfamiliar concept years away from reach, which is another reason for bringing this approach to the attention of the global market via a smaller country. This presentation is represented by a Gulf State marketing agent and as such, let’s assume we would start with a clinic in Dubai or Doha.

The next step would be a few more clinics in major cities in surrounding Gulf state, with a small consultation office run by a secretary arranging appointments that would require a doctor-chemist to travel there once or twice a month or as frequent as needed.

The initial or central facility would consist of a consultation – examination office, a specially designed waiting area separating clients individually, and a small laboratory and formulas manufacturing area about 1000 s.f. for stage-1. A large 2 levels house can be converted for such use, where the second floor rooms can be utilized for laboratory analysis and chemical operations.



## b) Initial cost:

Although the ideal establishment fund is an estimated \$2M, the project can be designed to commence in stages; and as such, the needed funds in the initial stage can be lower. Beyond the cost of the building and the initial importation of the first scientist, as little as \$500K fund can be made sufficient to start the project in stage-1. The following list summarizes the needed setup costs:

- 1- The building lease and supplies & equipment including required travel for purchases.
- 2- The importation and the hosting of OGL's head scientist as the first and the main doctor-chemist. The signing bonus, and monthly salary which is suggested to be approximately \$20,000 in the early setup stage, until the project commenced and the profit share – which clearly will make his remuneration much greater then. Note: The fact that OGC's scientists-doctors are semi-retired who wish to relocate to a warm climate, and are now working with the attitude of enjoying a hobby to stay busy and for a low salary between \$8K to \$15 monthly, which is clearly a significantly lower salary than the Canadian physician's" – not to mention that half of which is taxes - this fact is an advantage in favour of the relocation of the business.
- 3- An expense account to cover involved travel to purchase instrumentation and lab setup equipment.
- 4- The instrumentation will include: AAS, (and/or ICP depending on several factors), GC and a few other smaller instrumentations, bench apparatus, standard reference chemicals and agents, and basic setup such as fume hoods.
- 5- Additional salaries of other doctors-chemists will not be high, as it will be kept on assignments basses, arranged as needed to serve accumulated multi-appointments sessions. It is estimated to be a small fraction of the funds raised by their use. A wild guess at this point would be that their cost, excluding the secretary-receptionist would be around just 1% of the clinic income in stage-1 and can be designed to utilize local European & Canadian doctors who can be trained to offer part-time on-call assistance for as little as perhaps a total of just \$5000 monthly; and, later use of such help to meet demand, will be kept under 5% of the clinic income.
- 6- Other lower costs will include advertisement e.g. flyers, website, etc. Media releases can be utilized.

The mechanics of funds disposal for the OGL head scientist can be arranged at a later point, whether in stages or in full, to be secured at a separate local bank account. Depending on the approved scale of operation, a number lower sums for a number of stages, can be sufficient to start the clinic with limited number of its services.

The company – the project with its formulas and a setup commitment by the head chemist, is valued at \$20M, however, it is certain that the value will be considerably greater at stage-3 after the establishment of the company and its proven track record.

## c) Revenue & profit:

Regardless of the scale of the initial stage, this project is guaranteed a rewarding success. There are a few factors that need to be estimated prior to coming up with an accurate profit margin. For one, the average market value of a specialist doctor consultation where the project will be implemented. In Canada, the lowest and the basic family doctor rate is paid by the government, based on a \$300 per hour scale, based on 3 to 6 consultations of an average 15 minutes each, and based on 8 hours/day calculation = \$2,400 a day. Accordingly, an average \$624,000 annual salary plus an average \$90,000 hospital on-call service and scheduled participation. However, a specialist in Canada earns five times as much. The 15 minutes specialist consultation ranges from \$150 to \$1000 and a surgeon is paid an average \$3,000 an hour. A wide range. As indicated in preceding clause, the business will benefit from the use of doctors – scientists who will be paid less than practicing physicians.

We have to assume a much lower fee where the project is proposed; anywhere from only \$100 to \$200 per average consultation session. This could generate a daily revenue of anywhere from \$3,000 to \$6,000 a day per each doctor-chemist, with a potential revenue of **\$1M annually per each scientist-doctor, from consultation service alone.**

The sale of supplements – treatment formulas will generate an average \$40 to \$100 per visit plus average \$300 sales of repeat refills without clinic visits = average product sales of \$7,000 daily per each doctor's clients list, per each single clinic. This comes to an estimated generated funds of approximately **\$3M annual revenue per scientist per clinic.**

In stage-2 with 3-4 clinics in operation, and after training local doctors on the clinic SOP, a considerably greater revenue of up to 10 times as much, **\$30M annual revenue from the basic clinics operation alone**, is obviously very achievable.

In stage 2-B the analytical laboratory use to offer commercial environmental sample analysis will generate a separate programme with a 90% profit, considering the availability of setup, instrumentation, apparatus, technical management know-how, and the cheap help of hired bench technicians. The average Canadian commercial analytical laboratory generates an average revenue of \$50K a day. Modern ultra trace AAS, ICP or GC can analyze 100 sample an hour for multiple parameters or elements, at an average \$75 per parameter / \$400 per one sample package.

The total operation costs of salaries, fees, supplies and other costs are estimated at 12% to 28% of revenue.

In stage-3-A, with global marketing of OGC formulas, the global sales of the products will be most rewarding. The present sales of pharmaceutical products – which are inferior to OGC formulas, are currently generating sales revenue of over \$30B annually. 2012 sales of erectile treatment products sales alone was over \$11B, nearly twice 2010 sales.

As the OGC products are shown to be the safe and superior approach, and by then are recognized by the global market, it is not an out-of-reach or an impractical estimate to expect **OGL in stage-3A to generate \$10 Billion of global annual total sales of all its different products, with an estimated 72% net profit = \$7.2B annually.**

It is obvious that the current value of \$20M for the project formulas at this stage, as estimated by the Canadian marketing agent now, would later be ridiculously minuscule. The exit strategy via the sale of the company to a global pharmaceutical firm later, will be a **rewarding final compensation.**

OGC would also consider a package of complete sale of the company including full disposal of the formulas and SOPs, 100% ownership, along with training and establishment by OGC scientists (including the instrumentations and full laboratory, clinic, administrative and production operational SOPs) in the new location by the OGC scientists, for: \$60M and 5% of 5-years sales royalties. The setup in such case can be completed for a multi-clinic operation and a products manufacturing laboratory-factory within a year. Extended use of the service of a scientist director can be made available for an honorarium of \$60K monthly salary for year-1, plus an expense account. In either case, sole proprietorship or a joined ownership, the OGL CEO & chief scientist, with 3 decades of senior chemist and medical research experience behind him, (see CV via project presentation) - and with the understanding and the will and expectation to dedicate his life to the project

with long daily hours, he offers an invaluable asset and guarantees success.

Another note that should be mentioned is the fact that the desire to start this project outside Canada is not solely driven by the desire to achieve a faster commercialization; nor a mere concern about major North American pharmaceutical firms manipulating the patent and the theft of the concept, beyond that, there is the personal factor of the desire to enjoy a warm climate, a warm culture and warm people. In other words, better enjoyment of life and a more enjoyable business environment. Two target locations are sought, one in South America and the other in the Arabian Gulf area, both will provide great expansion and growth potential within the surrounding areas. The investor in either area will be entitled to exclusive rights limiting the operation to his area.

**A final note:** This project offers the investor a once in a life time financial and business prestige potential. And, it offers his country and his people great services that local physicians cannot offer. The prostate health revolution, the sex drive treatment and enhancement, the general health maintenance via customized vitamins & minerals personal profile including athletes and elderly population, the preventative health approach to memory loss cases, and the use of the analytical laboratory to offer environmental services.

Please see the attached presentation for **contact info** via the Gulf area marketing agent, the North American marketing agent and the OGC scientist representative, or visit [www.optimumgreen.com](http://www.optimumgreen.com) God bless.



The scientist in his lab office at EPL published by a newspaper media release, and at his 2<sup>nd</sup> doctorate graduation, UoT.



## العالم

### دكتور بول رمسس

مؤهلات بحثية تثبت مجال واسع من التحصيل الاكاديمي في خمس جامعات مختلفة ، بما يشمل الدراسات العليا بجامعة تورنتو ، اوكلاند وجامعات بروكلين. درجة الدكتورا في الكيمياء الطبية التحليلية ، مدير ابحاث طبية في السموم الدوائية ، ودرجة الاستاذية في التتبع الكيميائي الخاص بالمركبات العضوية وغير العضوية للاغراض الدوائية.

- **كاتب:** التأثير الكيميائي التركيبي للمركبات الهرمونية والعصبية لانتاج الصيغ الدوائية التي تحاكي وتنسخ الاستجابات الفسيولوجية العضوية الطبيعية للانسان.
- **كاتب:** تحليل هايدراريجيم من ثنائي الفينيلثيوكاربوزون بالعلاقة مع الامتصاص الذري
- **كاتب:** عدة اجراءات معملية تحليلية بهدف التحليل التتبعي بما يشمل طرق (ايه اس سي غي ، اس بي) التي تمت تسميتها بعده وتبنتها اتحادات المعامل الوطنية للتحليل البيئي بما يشمل وكالة الحماية البيئية.
- كاتب الامتصاص الذري (ايه اس ، اس إي ، اس بي) مقابل البلازما المقترنة
- كاتب اختيار الجنس مسبقا في الثدييات ، كيف تختار جنس المولود (سبحان الله).
- بعد دراسته بلجامعه الطبية ، تخصص في كيمياء البحوث الصيدلانية والتحليلية في مرحلة البكالوريوس والماجستير والدكتوراه. قد اسس ثلاث معامل كبرى تجارية تعمل في مجال البحوث والتطوير ، تشمل بحوث (بارنجر) ، إي بي ال وقضى 15 سنة يعمل في منصب كبير الكيميائين الصيدلانيين وكان اهم العلماء في معامل اويتامام قريب بكندا.
- نشر كتب اخرى في الادب بما يشمل الشعر ، وهو مواطن كندي ولديه ابن واحد ويقوم في كندا.

### اخيرا..التقرير 3

هل ترغب في ان تعرف الكثير من الناحية العلمية؟ اذا كنت كذلك فان التقرير المبسط التالي يوضح للعمالة الفنية بشركتك ان هذا الامر يمكن ان يتم بكفاءة وبامان وبصورة عادية. وقد ارفق ايضا فني مبسط يعكس عينة مختارة من ضمن الثماني خدمات المقترح التركيز عليها في المستوصف.

وهي ملاحظات اختيرت من الصفحات الفنية التي تغطي صيغة منتج (او جي) المصمم لتغيير دواء الفياجرا

والعرض التقديمي المختصر "المكتوب بالانجليزية" يلقي الضوء على كيفية عمل منهجية تأثير التركيبة الهرمونية ، طبعا بدون الشرح حول البيانات الفنية المحددة للمعادلات الكيميائية او اجراءات التشغيل القياسية. لابد من الترجمة الى العربية.

الرجاء الرجوع الى القسم الانجليزي في الصفحات من 12 - 32.

\* مع أنه يوجد تقرير رابع بخصوص تكاليف المشروع وتقدير فوائده وأرباحه.

Pages # 33-36

في هذه المرحلة ، تخصص مالية استثمار ميدئية تصل الى 2 مليون دولار امريكي ، تشمل انشاء المعمل بواسطة دكتور بول رمسس ، اضافة الى الحوافز والرواتب خلال الانشاء المبدئي ومرحلة التطور والتقدم.

#### **العائدات مرة ثانية:**

يشمل المشروع ملكية بنسبة 50% من الاصول التجارية ، حصة قابلة للتفاوض من صافي ارباح الاستشارة الطبية في المستوصف وعياداته ، مبيعات المنتجات وخدمات المختبر ، التزام العالم المخترع بالعمل لدى الشركة شخصيا . والحصة القابلة للتفاوض الخاصة باستراتيجية الانتشار والتوسع التي تخطط لقبول شركة عالميه لشراء المعادلات الكميايه في غضون 3-5 سنوات. تقدر في هذا الوقت ان حصة الحقوق الفنية العلمية التي تملكها معامل او جي ال في الصيغ الحقيقية واجراءات التشغيل القياسية تصل الى 20 مليون دولار مما يعتبر ميزة هامة للشريك عند الشراء مستقبليا بواسطة شركة دوائية كبرى.

يتم حفظ حقوق اجراءات التشغيل القياسية الفنية كايداع في البنك تحت ادارة قانونية ، هذا بناءا على ما اوضحته معامل او جي ، لكي تعطى هذه الحقوق الى الشريك المالك عند موت المخترع ، سواء كان بسبب طبيعي او بحادث ، بشرط ان تتوصل السلطات الى سلامة الوارث من أي شكوك تحوم حول تورطه في هذا الموت.

#### **معلومات الاتصال:**

**وكيل التسويق:**

**شركة دارسي جونستون الاستشارية**

**دارسي جونستون ، كولومبيا ، كندا**

darcy@darcyjohnstonconsulting.com

British Columbia, Canada

01 250 618 7869

المرحلة الثالثة تمثل استراتيجية الانتشار كليا او جزئيا عبر بيع صيغة او صيغ الى شركات الادوية الكبرى في مدة قليلة من السنوات للتوزيع العالمي. والمرحلة الاولى هي استجلاب المستثمر/العالم بهدف انشاء المستوصف والمعمل.

#### انشاء المستوصف وتقديم الترويجيات:

ان خطة تطوير الوسائل تركز على تقديم خدمات المستوصف لعامة الناس في شكل خدمات صحية كندية بريطانية متكاملة تحت منهجية وصفت بالاحتراف في العمل وحفظ الملفات بصورة خصوصية جدا. في الحقيقة فان منطقة الانتظار تصمم كمقصورة شخصية منفصلة بمدخلها ومخرجها ، تصمم بحيث تسمح بدخول وخروج شخص واحد وفي الوقت نفسه لا يستطيع احد من المرضى ملاحظته. يتم ابراز لوحة المستوصف الخارجية وفيها يتم توضيح خدمات الفيتامينات والمواد المعدنية كخدمة اساسية وذات اولية. وفي الحقيقة ، بما ان الخدمات المختلفة المتوقعة تشمل بالإضافة الى علاج الخلل الوظيفي في الانتصاب ، صحة البروستات ، علاج الشيخوخة (خاصة عند النساء) وتحسين مستوى الذاكرة. فان العلاج يشمل كل الاعمار من شباب الرجال والنساء، متوسطي الاعمار وكبار السن ومن هذا لا احد يستطيع ان يعرف لأي علاج او سبب دخل ذلك الشخص المركز.

#### المنتج:

المنتجات الان في مرحلة الاجراءات الرسمية ، لقد تخطت مرحلة التجارب على الثدييات وثبت انها آمنة وناجحة ايضا بنسبة 100% كعلاج للانسان عبر متقدمين متطوعين. وفكرة هذا الاكتشاف يمكن تلخيصها في عبارات مبسطة:

للمرة الثانية: علاج الخلل الوظيفي او الاعاقات البدنية المحددة بلمركبات العضوية الطبيعية، التي تخلو من الاثار الجانبية ، يمكننا ان نحكي كيميائيا الهرمونات الطبيعية للجسم بالتاثير على مركبات عصبية محددة للتواصل الى طريقة صحية وطبيعية. وهذا يمكن يضاعف استجابات عضوية ايجابية طبيعية تجعل اجسادنا تعمل بحالة صحية وشبابية.

من الافضل ذكر ان هذه الصيغ تعتمد كليا على النسخ الطبيعي ومحاكاة المركبات الهرمونية التي ننتج بصفة طبيعية. ذلك ان (اوامر الدماغ) او (اشاراته) تحرك وظيفة محددة في الجسم. وعليه ليس هناك اثار جانبية ، فهو ليس علاجا كيميائيا تركيبيا ، لكن هي (عصائر) طبيعية للجسم ، اذا جاز التعبير. وهي تتمثل في المعادلات الكيميائية الطبيعية للجسم.

وقد صمم البرنامج لكي يتناسب مع اثنين من الخدمات:

1. تاسيس المستوصف , سوف يطلق عليه المستوصف الصحي الكندي البريطاني ومركز الابحاث. كما ان المستوصفات في ثلاث او اكثر من المدن الكبيرة وربما في الدول المجاورة سوف تقدم خدمات قيمة ومربحة تجذب عملاء الطبقة الوسطى من دول اخرى. للمستوصف معاملة التحليلية الخاصة به ولديه وحدة تصنيعية لانتاج الصيغ في تصميم دوائي لكي تباع بصورة خاصة الى العامة.

2. وما دفع العالم الكندي هو الرغبة الملحة لتزويد المجتمع بخدمات صحيه قيمة لا تتوفر في أي مكان آخر.

سوف يقوم ذلك الطبيب الكندي بتعيين قوى مساعدة من الفنيين بما فيهم علماء كيمياء وأطباء متخصصين. وتشمل اهم الجوانب التشغيلية الفنية ، اجراءات التشغيل القياسية ، كما ان العاملين والادارة يعتبروا مسئولين عن الصيغة والمشغل الاساسي دكتور بول رمسس.

#### الاستثمار:

يقدم استشاري التسويق الكندي السيد دارسي جونستون الى دكتور بول رمسس العرض الذي يتناسب مع تقييم الاختراع والتعويض العادل للخدمات.

نعم ، يمكن ان يكون اداءك مميذا عندما تكون في سن العشرين ، لانك تتمتع بالميزات الطبيعية التي تدفعك الى تقديم اداء افضل مع مختلف النساء. ويمكن ان تتجح هذه المنهجية في الحفاظ على الذاكرة لدى كل من الرجل والمرأة.

### هل هو دواء كيميائي؟

هو لغة كيميائية طبيعية وآمنة. ويجب علينا اولا توضيح ان أي شئ يمثل مركبا كيميائيا ، سواء كان ذلك المركب ايجابي او سلبي. كما ان الغذاء ، الهواء الذي نتنفسه ، جلدنا ، دمنا وعظامنا وحتى مشاعرنا ، كلها مركبات كيميائية. وحتى أن مونوكسيد ثنائي الهيدروجين تحس بانه غير طبيعي ، بل كيميائي عند تعريفك للماء. وذرة واحدة من الاكسجين الذي نتنفسه في كل حين يمكن ان تغير الماء الى مركب غير آمن مثل بروكسيد الهيدروجين. وما يجعل هذا الامر بمثابة اكتشاف مستقبلي هو انه صمم لمحاكاة سلوك او معادلات الجسد الطبيعية الظاهرية والعصبية الكيميائية. فهو ليس دواء لتغيير جزء محدد من كيمياء الجسم المتعادلة ، بحيث لا يكون هناك اضطراب يؤثر على العمليات الكيميائية الطبيعية بدون وجود اثار جانبية. وما يجعله اختراعا قيما فهو يمثل منهجية دوائية جديدة اعتبرت كألية ناجحة قابلة للتطور بواسطة العلماء مستقبليا.

### الخدمات:

ان انشاء المستوصفات الطبية توفر استشارة طبية يقوم بها اطباء كنديين وبريطانيين

يقدم المستوصف الخدمات الثمانية التالية:

- تحسين الذاكرة ومنع حالات تدهورها مثل حالات الزهايمر.
- العلاجات المضادة للشيخوخة. وهذه فعالة بصفة خاصة عند النساء
- علاج الخلل الوظيفي للانتصاب ، هذه منهجية مستقبلية تحل محل الادوية الحالية. تطوير صحة البروستات ، وهذا ضمن التطورات الايجابية في العلاج. ذلك ان كبير علماء معام (او جي ال) نفسه يعتبر شهادة حية على ذلك العلاج ، حيث انه شفي مما اصابه في مستوى انتجين البروستات المهدد للحياة وبعد شفائه ثبت ان حالة البروستات تشابه بروستات شخص في ربعان الشباب ، وقد تم هذا العلاج في اقل من سنة.
- الاختيار المسبق لجنس الجنين ، قام العالم الكندي بكتابة كتاب حول اختيار جنس الجنين وتوصل الى نجاح بنسبة 100% على مدى عشر سنوات.
- تقديم الفايتمينات والمعدنيات بصوره مصممه للأستخدام الشخصي المحدد. هنالك خطر كبير باستخدام الفاتمينات والمعدنيات بصورة عامه لا تناسب الحالة الشخصية. لا بد من تحديد من مستوي كل معدن وفايتمن الشخص وعدم تضارب المكملات الغذائية مع بعضها . ايضا، لتطوير الطاقة للأستخدام للرياضيين مثل الجري المسافات الطويله ولاعبين كرة القدم.
- التحكم في الوزن ، الطريقة الصحية والطبيعية في انقاص الوزن
- الخدمات التحليلية التجارية والبيئية. ذلك ان الصيدلاني بمعامل (او جي) هو الذي كتب كتابين منهجيين لتحليل التربة ، الماء والغذاء مع تحليل عينة صناعية لتتبع الملوثات.

بناء على التنظيم وبناء على مستوى الاستثمار المبدئي ، يمكن ان يبدأ المستوصف بتقديم عدد محدود من الخدمات الثماني المذكورة سابقا وفيما بعد يتم توسيع نطاق خدماته وايراداته لكي يقدم الخطة الكاملة المعدة له.

المرحلة التالية من المشروع تمثل اهم مرحلة في انتاج هذه الصيغ لكي تباع على مستوى واسع في عدة افرع في المدن الكبرى المحيطة والدول المجاورة.



وهناك مثال هام يرتبط بما ذكر: في الادغال، الإنسان يحتاج علي الحصول علي اطفال كثيرين لتعويض ما يفقده من اطفال بسبب التعرض للأمراض المزمنة والحيوانات المفترسة. وكان الرجل بعد ممارسة الجماع مع امرأة عندما تبدو لديه نزوة جماع، فان الدماغ يرسل امرا، مركبا كيميائيا آخر، لايقاف وايقاف تكرير الجماع مع نفس المرأة في ذلك الوقت ويشعر الرجل بالأكتفاء الجنسي والسبب في ذلك ان الدماغ يريد الرجل ان يستخدم الحيوانات المنوية لأحمال مرأة اخري والحصول علي اطفال اكثر. لهذا اليوم نفس الرجل يجمع زوجته، ويحس بانه قد اكتفى. وفوق ذلك لو مرت امرأة اخرى، سوف يشعر بانه قادر علي الجماع مره اخرى في نفس الوقت لذلك لان الدماغ يرسل الامر بلانتصاب الذكري.

وضمن تجربة اجريت علي الثدييات تتعلق بالفأران والارانب، فان الذكر يجمع الانثى ويفقد الاهتمام بها. وعندما قدمت له انثى اخري عادت له الرغبة وقام بلجماع بها ثم فقد الاهتمام بها. لقد تكرر هذا الامر في هذه التجربة حيث جامع الذكر 40 انثى قيل ان يعنى عليه وينهك. وكل الثدييات بما يشمل الرجل لم يتم تصميمها فسيولوجيا للارتباط بانثى واحدة وتتأثر بنفس البرنامج الذي ينتج نفس الهرمونات الهادف الى "نشر نطفة الذكر وقذف المنى"

الهرمون والفيرومون هي مركبات كيميائية، حصلنا نحن كصيادلة على طريقة لاستنساخها بصورة طبيعية في الجسم، بدون التداخل مع أي عناصر اخرى مشتملة في "النظام الكامل".

نعم يمكننا محاكاة اوامر الدماغ وتكرار الاجراء الطبيعي والأمن بدون ادوية خطيرة مثل الفياجرا التي تسبب العمى وحتى الجلطات والنوبات.

كما يمكن الاستفادة من هذه المنهجية لدعم الخلية في الحفاظ على شبابها ودعم انقاص الوزن. هذه المنهجية تفود الدماغ لاثبات ان الغدد لازالت تعمل بكفاءة وعبر محاكاة الفسيولوجيا الطبيعية بنفس الطريقة فان الجسم يستطيع تنفيذ تفاعلاته العضوية الطبيعية.

عليه، لماذا لم يطبق الناس هذه المنهجية من قبل؟

حاولت العديد من المعامل التجارية ومعامل البحوث، مثلما حاول الكثير من علماء الصيدلة تحويل الالمونيوم او الرصاص الى معدن نقيس، وقطعا سوف يكون هناك نجاحا.

عملنا لعدة سنين على نفس الصيغة التي تضاعف اداء الجسم عبر ابراز مميزات البرامج الموروثة. ويتمثل نظير ذلك في الخصائص التركيبية لذرات الذهب والالمونيوم التي تتشابه وعبر تغيير واحد ومحدد الذي سوف يستطيع علماء الكيمياء تغيير الالمونيوم الى ذهب. لكن هذا يماثل اختيارك لعدد ستة ارقام ضمن 49 رقما لتحصل على اليانصيب بفرص واحتمالات تتمثل 1 من 14.000.000. وقد قضى الكثير من علماء الصيدلة والكيمياء اعمارهم في البحث في هذه "الأحتمالات" المحددة. وقد واجهوا نفس الصعوبات هنا. كما وجد العالم الصيدلاني الذي يعمل بمعامل او جي، وجد نفس المجموعة من المعادلات التي تفود الى الصيغة التي تحاكي بصورة طبيعية لكمبيوتر اجسادنا، الاوامر المركزية، "اوامر" الدماغ التي تعتبر مركبات كيميائية. وهذا يدل على ان ما ذكر يعتبر فكرة مبسطة وفوق ذلك فهي اجابة معقدة لإبراز الصورة الكاملة.

ان مشكلة منهجية الادوية هي انها تحاول تغيير جانب واحد من الصورة وعليه فهي تعطي عدم توازن تنتج عنه اثار سلبية جانبية. والجرعات الهرمونية والعشبية لا تمثل الاجابة ويمكن ان تسبب الكثير من الاضرار.

يوضح لك هذا التقرير كيف ان هذا المشروع يمثل خطة تجارية فريدة ولماذا استطاع ان يجذب الانتباه العالمي بسرعة. لماذا وصف بانه " تطوراً ثورياً في مجال الكيمياء الطبية"؟ لماذا يشكل مشروعاً واعداً بالنجاح والشهرة الغير مسبوقه؟

ان رئيس علماء مشروع (إي بي إل) المتقاعد قد قدم اقتراحاً في الاجتماع السنوي العام بترشيح الصيدلاني الكندي دكتور بول رمسس للحصول على جائزة نوبل في العلوم ، لحين إكمال تسجيل هذه المنتجات في كندا- التي وصفت في الصيغة الخاصة بها باسم "اختراع القرن".

كما عبرت شركات الادوية في المانيا والهند عن اهتمامها بالمشروع. مع ذلك لم يركز دكتور بول على الإقامة في بلد محدد ولم ينوي التقاعد ، لكنه يرغب في الهروب من الطقس البارد الكندي ، ويفضل حالياً الإقامة اما في الشرق الاوسط او امريكا الجنوبية.

ان الخطة تقدم اكتشافاً جديداً في الكيمياء الصيدلانية التي طورتها الشركة الكندية : معامل او جي. واهم صيدلاني وراء هذا الاكتشاف هو الصيدلاني الكندي دكتور بول رمسس ، الذي يملك حق نشر الصيغ والذي قاد بعد اختراعه للصيغة المبدئية لجنة علماء بحثية ، علماء اطباء وصيادلة في المجال العضوي وغير العضوي التحليلي ساعده في مراحل التجارب والاثبات العلمي.

#### الفكرة:

تأثير تركيب كيميائي عضوي تقوم به المركبات الهرمونية والعصبية لانتاج صيغ دوائية تحاكي وتضاعف استجابات الانسان الفسيولوجية العضوية الطبيعية. شهادة النشر المسجلة رقم 1096728

تعتمد المنهجية الجديدة على الاستفادة من البرامج الاساسية التي ورتناها في جهازنا الفسيولوجي. نشجعك على قراءة كامل هذا العرض التقديمي. ماذا نعني ببرامج الدماغ وكيف نستخدمها بصورة مميزة؟

لكي نوضح خلفية الفكرة ، نقدم بعض الامثلة: هل تعجبت عندما ثبت لك فشل انقاص الوزن عبر الأمتناع عن تناول وجبات الطعام ؟ . في العصور الأولى كان الانسان ينافس الأسود والنمور على صيد الغزلان ليلا في الأدغال ويعود الرجل الى كهفه حاملاً صيده (غنيمته) الى مرأته لكي تطبخ الطعام لابنائها وهي اهم وجبة طوال اليوم. أحيانا يكون هنالك ايام بدون اي نجاح للحصول علي غنيمه , لذلك اذا لم يحصل الإنسان علي طعام في الصباح ليسد به جوعه ، فان الدماغ يرسل "اشارة " الى الجسم "موحياً له بالاحساس بالجوع" ويقوم بابطاء الايض والاستفادة من الدهون سعياً وراء البقاء. والان ومع وجود التلذذات المليئة بالاغذية ،فأنك اذا تجنبت الأفتطار ، سوف يظن المخ العصبي انك بوضع مجاعه ، ، وحين اذا سوف يرسل الدماغ "امراً" بتقليل مستوى الايض. وهذا سوف يسبب التحفظ بدهون وليس نقص الوزن.

نعم لا يزال لدينا نفس البرامج الدماغية التي كانت لدى اصحاب الادغال. ونعجب لماذا يعاني الشخص الذي يعمل تحت ضغوط العمل المكتبي من النوبة القلبية وهو جالس على كرسي مريح؟ لان الضغوط في العصور السابقة تعني انك خائف ، هاربا من النمر الذي يحاول اصطيادك . كان الانسان متجولاً وهو حافي القدمين في غابة مغطاة بالحجارة والافرع المقطوعة. ولكي يتم تجنب النزيف المؤدي الى الموت اذا قطع او جرح قدمه اثناء الجري فان الدماغ يرسل "امراً او اشارة" لتجليب الدم. والان وعلى كرسي مريح وبما ان الجهاز العضلي في " وضع الراحة " بخلاف حركة القصوى، أيضا فان الدماغ يفسر ذلك الاجهاد كأنه جري في الادغال. يتجلط الدم بدون الحاجة الى السيطرة الناتجة من أداء الجهاز العضلي ، واذا حاول القلب الانتقال من "مرحلة الثبات والراحة" الى اقصى سرعة ، فانه يتعطل.

## التقرير 2

يقدم هذا التقرير تفاصيل وملاحظات توضيحية نوصي بالتركيز عليها



المركز الصحي الكندي البريطاني ، مركز البحوث ومعمل التحاليل  
معالجة ومكالحة الامراض والخلل الوظيفي وتحسين الصحة العامة

- استخدام اتحادات الفيتامينات والمواد المعدنية والوصفات الطبية الخاصة بالشخص
  - منهجية دوائية جديدة لمكافحة الشيخوخة ، الامراض المرتبطة بالذاكرة وضعف الانتصاب وعلاج البروستات
  - الاستشارة الخاصة بالاختبار المسبق لنوع المولود
  - التحكم في الوزن \*خدمات التحليل البيئي الفانقة
- يتم حجز المواعيد بتحفظ عبر رقم عيادة العميل فقط

- تشير اللوحة الموضوعة على الباب الى ان الملفات تحفظ بسرية بواسطة الصيدلاني/الطبيب وان المعاملات في العيادة تتم عبر رقم ملف العميل.
- الدخول الى كل الوحدات والمباني اختياري ، حيث ان الزائر يمكن ان يدخل الى أي وحدة أخرى .
- لوحة المستوصف او العيادة المكتوبة باللغة العربية سوف تبرز كل انواع الأدوية مثل وحدات الفيتامينات التي تعطى بصورة خاصة الى أي شخص لتعزيز كل الجوانب الصحية.

## التقرير 1

### عرض سريع:

خطة المشروع تتمثل في انشاء "مستوصف ومركز بحوث طبية" مشترك، وتضمن انشاء مختبر تصنيع ادوية وقسم لمبيعات الأدوية. كم ان سوف يتم تاسيس المركز الطبي بطريقة مميزة ويعلن عنه بانه مركز صحي بريطاني كندي. العلاج مختلف ويعتمد على فكرة دوائية جديدة اخترعت حاليا بواسطة معامل البحوث الكندية (أو جي) المعروفة عالميا. كما ان اكبر علمائه واشهر اطبائه الذي يملك حق النشر ، يرغب في اقامة نفس المركز في الشرق الاوسط او اميركيا الجنوبية.

تعتمد هذه الفكرة الجديدة على محاكاة التفاعلات الهرمونية الطبيعية في اجسامنا وتنبيه الدماغ لارسال "الاشارات" او "الاوامر" التي تنتج عنها وظائف فسيولوجية محددة. ذلك ان الغرض من الفكرة يتمثل في التأثير على الجسم واجراء معالجات عليه لمضاعفة هذه المركبات بصورة طبيعية وأمنة.

الأسلوب الطبي الحديث قد جذب الاهتمام العالمي ، كما ان المثال المقدم في التقرير رقم 3 حول تعزيز الاداء الجنسي يوضح كيف يمكننا الان ان نحكي بصورة غريزية المركبات العصبية التي تثير الرجل عند ارتباطه جنسيا بامرأة "اخرى" بناء على الدافع الطبيعي للرجل للحصول علي اطفال كثيره من اجل بقاء الجنس البشري. وبخلاف "الادوية" فان هذه التقنية لا تبرز العلاج الكيميائي الغير طبيعي في جانب واحد منفصل من جوانب هذه العملية. وبدلا من ذلك فهي تقدم طريقة اثاره هرمونية وطبيعية كاملة. بعبارة اخرى ، فهي تتحدث بلغة الجسد ، وتثير الدماغ كأنه يخاطب الجسم واعضائه قائلا : "انت لا تزال تحافظ على شبابك" . وقد اثبتت هذه المنهجية كفاءتها.

### ينحصر المستوصف على الخدمات المحددة التالية:

- استرجاع الذاكرة ومكافحة الامراض المرتبطة بالذاكرة
- اداء جنسي نموذجي قوي وصحة البروستات
- أستشارات طبيه في مجال: الفيتامينات والمواد المعدنية ، المثريات الهرمونية الخاصة بفقدان الوزن والادوية المقاومة لشيخوخة البشرة.
- الاختيار المسبق للجنس بهدف اختيار ولد او بنت (سبحان الله).
- خدمات معملية تحليلية ، تجارية-صناعية وبيئية

المنتجات آمنة وخالية من الاثار الجانبية كم موضح في التقرير 2 و3. كما ان الطلب السوقي تقابله مبيعات سنوية ببليونات الدولارات وتزداد هذه المبيعات والفوائد بصورة متسارعة. اكثر من 50 مليون نسمة من منطقة الخليج العربي وحده سوف تشكل متطلبات السوق التجاريه ، كما ان الكثافة السكانية الجديرة بالاهتمام في اميركيا الجنوبية او اسيا او اوروبا سوف تكون مصدر كبير ومهم للمبيعات وسوف يتم استهدافها في المرحلة الثانيه من خطة المبيعات.العالم الذي اشير اليه هو دكتور/كيميائي صيدلاني كندي يحمل درجة الدكتوراه في الطب والعلوم الصيدلانية وله انجازات في البحوث الطبية وهو مرشح للحصول على جائزة نوبل في العلوم - بناء على شهادة تجارية كندية حول المشروع . يقوم هذا العالم بانشاء المستوصف وتعيين كفاءات علمية مساعدة- اطباء يعملون بصورة مؤقتة او على اساس تعاقدى على حسب الحاجة وتحت اشرافه. في حين انه يعتبر المشغل الرئيسي.

### وكيل التسويق: ارجع الى المرفقات

**الأستثمار والعائد:** بناء عدة اجراءات وترتيبات ، تم تقييمها بحوالي 2 مليون دولار تعادل 50% من اصول الشركة - باستخدام دون ملكية العلماء والصيغه . ارجع الى التفاصيل المرفقة التي تشمل حق شراء الصيغة وخطة الاستراتيجية ذات الخمس سنوات التي تظهر بعدها الشركة كشركة دوائية عالمية عبر مبيعاتها. ان طبيعة المشروع الفريدة ونجاحه التجاري عالميا هي من الامور الواعدة جدا بنجاح مادي وعلمي.

## هذا التقرير يغطي ثلاثة عروض:

1. عرض سريع يتكون من صفحة واحدة تتضمن مقدمة عامة "التقرير 1".
2. مقدمة مختصرة تنحصر في خمس صفحات ذات أهمية لمن لديه رغبة في هذا المشروع "التقرير 2". عندما تلقي نظرة علي التقرير رقم 2, سوف تجد ان تطبيق هذا المنهج الطبي قد عالج العالم الطبي وتم معالجته من معاناته في مرض البروستاتا المتقدم والآن يتمتع بصحة مماثلة لبروستات شاب كامل الصحة.
3. عينة مادة فنية مختصرة ومبسطة تم اختيارها لتوضيح طريقة الطبيه الحديثه . كما ان هذا التقرير يساهم في شرح المفهوم الكيميائي لمنتج واحد مختار. كما أن يوجد تقرير مرفق اخر بللغة الانجليزيه صفحه 12- 29 لتوضيح هذه التقنيه العلمية من اجل تقديمه للمستشارين المختصين من الأطباء وعلماء الكيمياء.

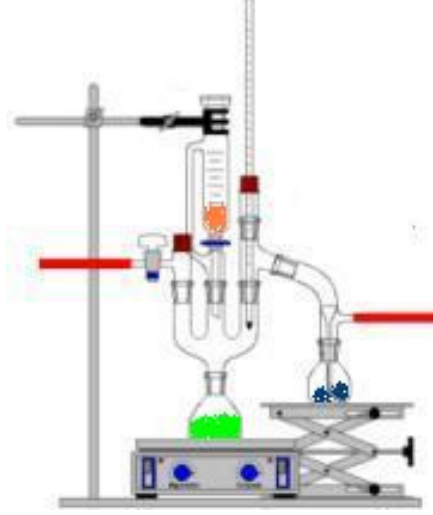
\* مع أنه يوجد تقرير رابع بخصوص تكاليف المشروع وتقدير فوائده وأرباحه.

Pages #33-36



# فرصة تجارية

قدمتها شركة دارسي جونستون الاستشارية  
كندا



انابة عن: معامل او جي بكندا  
دكتور بول رمسس جاودا

ترجمت الى العربية بواسطة: عمار محمد بحري

شهادة تسجيل حق النشر رقم 1096728 صدرت بتاريخ 29 يونيو 2012م المكتب الكندي للملكية الفكرية ،  
اوتلوا ، اجراءات براءة هذا الاختراع جارية.