Hairs	Since 1997 te.com	DR. KLEIN'S I propylene gly minox, retin-/ DMI, azelaid and mor	/col free A, spiro, c acid,				Worried About Hair Loss? Hair Max LaserComb	
Forum News	Hair Transplant	Hair Replacement	Topical	All Natural	Drugs	Hair Multiplication		ale Hair .oss
Hair Loss							Log in User Re	gister
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	Lond	don - Free Hair T		Consultations r details	Feb 28th	to Mar 4th		
googoo	CyGenX sten	n cell based hai	r loss solu	ition (All Topic	als & Sharr	ipoos)	Post	reply
09.02.2011, 17:15	marketplace a		and they say	y this new for		different formula tronger. They say	a out in the / it is stronger tha	IN
	http://youcan	growhair.com/						
	googoo is locate	d in [NA] and he is	available to	meet: NO				
mofoman	CyGenX sten	n cell based hai	r loss solu	ıtion			Post	reply
09.02.2011, 19:20	You might hav	ve better luck wi	th Fabao 10)1.				
@ googoo	» formula out	s a new and imp in the marketpla tronger. They sa u all think???	ace a few ye	ears ago and t	hey say t	this new		
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rev	CyGenX sten	n cell based hai	r loss solu	ition			Post	reply
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10.02.2011, 11:32	I say, "Why did you post that in this forum?"							
@ mofoman	fckhrls is located in [NA] and he is available to meet: NO							
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12:00	<i>» » »</i>							
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	» » » http://youcangrowhair.com/							
	Ask hairsite to remove this thread 😀							
	I didnt even click the link because when something sounds like this its a simple sc^*m							
	Stevie.Dee is located in [NA] and he is available to meet: NO							
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ipod	CyGenX stem cell based hair loss solution	Post repl						
10.02.2011, 13:25	» » I say, "Why did you post that in this forum?"							
	» » I can see why, on the website it says the stuff is made from adult stem							
@ HMorHT	» cells. Bold claims, now we want to see evidence.							
	yeah, bold claims, this is from their website:							
	"a proprietary blend of hair stimulating growth factors							
	obtained from adult human stem cell secretions of human fibroblast conditioned mediathe active							
	ingredients in CyGenX's AQ are growth factors naturally secreted from a patented adult human stem							
	cell line identified by recent advanced stem cell research. These active ingredients are							

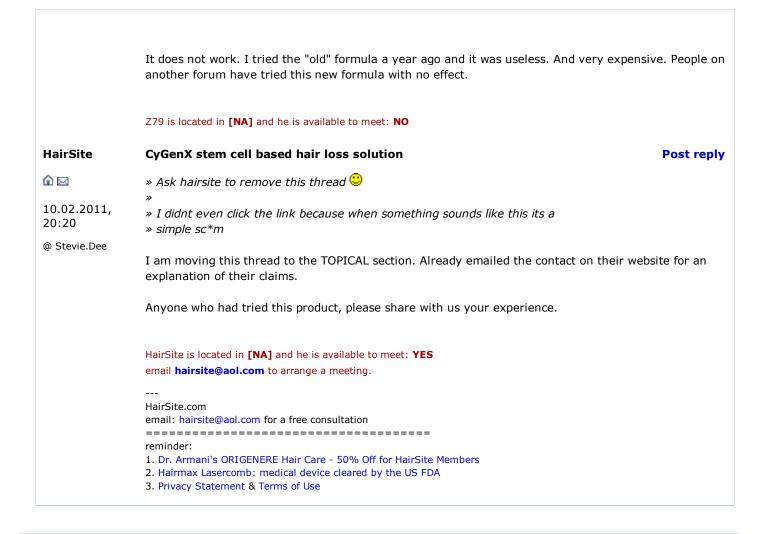
fibroblast conditioned media which is approved by use by the US FDA for topical cosmeceutical applications."

It looks like they have spent quite a bit on the packaging too



	ipod is located in [NA] and he is available to meet: NO	
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	High does vitamin C / Lysine / Nizoral / Tea Tree Oil Shampoo	
279	CyGenX stem cell based hair loss solution	Post reply
0.02.2011,	» » » I say, "Why did you post that in this forum?" » »	
	<i>» »</i> I can see why, on the website it says the stuff is made from adult stem	
) ipod	» » cells. Bold claims, now we want to see evidence.	
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	» yeah, bold claims, this is from their website:	
	» » "a proprietary blend of hair stimulating growth factors	
	» obtained from adult human stem cell secretions of human fibroblast	
	» conditioned mediathe active ingredients in CyGenX's AQ are growth	
	» factors naturally secreted from a patented adult human stem cell line	
	» identified by recent advanced stem cell research. These active ingredients	
	» are a concentrated serum of growth factors, natural hair follicle	
	» stimulators and potent signaling molecules from human fibroblast	
	» conditioned media which is approved by use by the US FDA for topical	
	» cosmeceutical applications."	
	» » It looks like they have spent quite a bit on the packaging too	
	» It looks like they have spent quite a bit on the packaging too	





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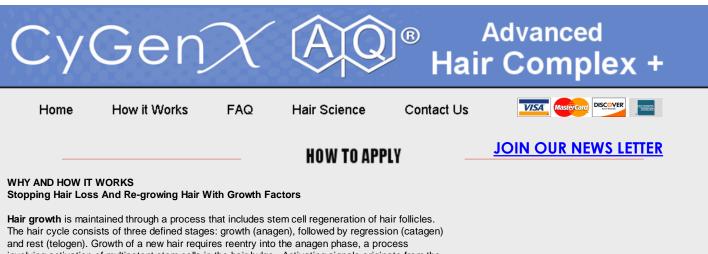
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Stem cell research has proven to re-grow heart, kidney, skin and other organs of the body, why not hair follicles? New advances in stem cell research has identified powerful growth factors that have demonstrated the ability to restore and repair damaged hair follicles until they are able to support a normal hair shaft. Our scientists develop

Home

Inc., 2011.

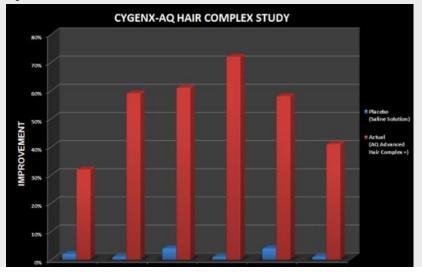


and rest (telogen). Growth of a new hair requires reentry into the anagen phase, a process involving activation of multipotent stem cells in the hair bulge. Activating signals originate from the dermal papilla, directing stem cells to regenerate the hair bulb, the structure from which a new hair will emerge. Multiple signaling pathways, including Wnts, Sonic hedgehog (Shh), and TGF-beta family members have been shown to promote anagen initiation. Gene's interfere with this process and can result in premature balding. The external application of these signaling molecules from Human Fibroblast Conditioned Media (HFCM) appear to reconnect the lost signaling capabilities restoring the health to the impotent hair follicle.

Androgenetic alopecia (AGA) is characterized by the miniaturization of the hair follicles in susceptible individuals and occurs in a defined pattern on the scalp. Hair loss in aging men and women is characterized by these "damaged hair follicles." Normal hair growth depends on the hair cycle where periodic regeneration of the hair follicle, occurs through a stem cell directed process. Within the follicle normal stem cell function is essential for hair follicle regeneration. In studies of wound healing in burn victims and other patients there were observed the formation of new hair follicles and associated new hair growth. The formation of new follicles and hair growth was shown to be associated with a cascade of cellular and biochemical events during the wound healing process.

Studying wound healing at the cellular and molecular levels, the skin was observed to have the ability to revert to a more primitive or "embryonic" state as progenitor cells migrate to the wounded area, restoring the regenerative capacity of the skin not previously thought to occur in adults. The regenerative response included new hair follicle formation, allowing new hair to grow at the restored site. A major part of the wound healing cascade is the release of growth factors and cytokines from stem cells into the layers of the scalp at the site of the wound. These growth factors and cytokines function like a light switch, turning on lost or decreased function of the hair follicle.

Ddihydrotestosterone (DHT) is only one factor, and a minor factor, in causing the unhealthy minaturization of the follicle in the male pattern baldness process. It has received much attention. Several products are now on the market that attempt to restore hair growth based on interacting with the DHT pathway. These DHT specific products (e.g. Finasteride) have demonstrated limited efficacy and debilitating side-effects, including sexual dysfunction. Based on the similar etiologies of male pattern baldness through DHT, it was thought that naturally occurring growth factors may also benefit the treatment of AGA through the DHT pathway, but without the side-effects seen with other products such as minoxidil, a potassium channel agonist that affects heart function. More importantly, the direct effects of topically applied cytokines and growth factors to the hair follicle restores the normal physiology and anatomy of the hair follicle and is the critical factor in restoring hair growth.











Above: We report the first example of a placebo-controlled, double-blind study undertaken to examine the benefit of these naturally occurring growth factors in the treatment of Androgenetic alopecia (AGA).

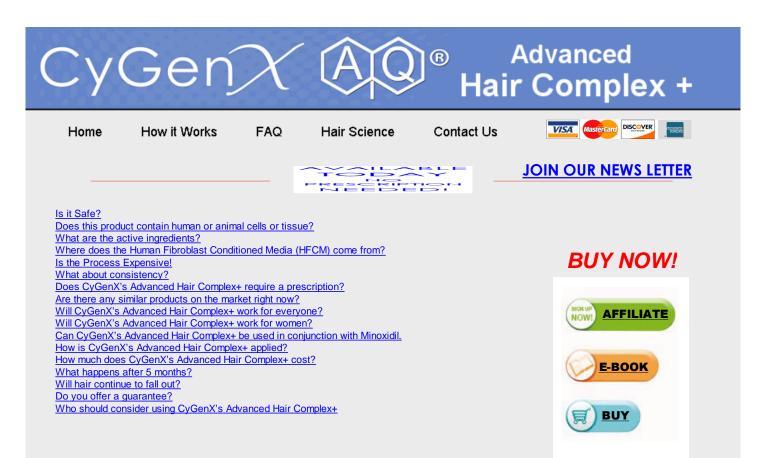
Objectives: The goal of this study was to test naturally occurring growth factors in the treatment of AGA.

Subjects: Included in this study were males between the ages of 25 and 65 years of age, in good health, with mild to moderate AGA.

Results: The results of this study showed a highly positive response to treatment. The blinded investigative staff assessment report showed that over 90% of study subjects dosed with the active study formulation were rated as improved at the final visit. Patient self-assessment demonstrated that 94% of the patients saw significant improvement in hair growth and prevention of hair loss.

Conclusions: This study establishes the effectiveness of naturally occurring growth factors for the first time in the treatment of hair loss. Growth factor technology has been used to generate completely new hair follicles for the first time in normal adult males.

The researchers were able to induce the regenerative response, including new hair follicle formation, by applying a combination of factors to the scalp. This work showed that the application of these growth factors resulted in skin triggered molecular pathways, allowing a new topical treatment option for re-growing hair. (<u>Read More</u>.)



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Is it Safe?

FAQ2

The Active Ingredient: HFCM is rated by the cosmeceutical industry and advisory labs for the US Food and Drug Administration (FDA) in

the lowest risk category of all active ingredients used in the cosmetic industry today. The molecules in the AQ Advanced Hair Complex +

are not synthesized, but are natural secretions from patented stem cell lines that yield them potent and effective. After stem cells pass

through approximately 50 cell divisions, they begin to lose potency. At this time, prior to losing potency, new stem cell lines are developed

so the concentrations and potency of the active ingredients are always maintained at the highest levels. Manufacturing of the Advanced

Hair Complex is performed in FDA Approved, Certified and Inspected facilities. Only pharmaceutical grade ingredients are used in this

proprietary formulation insuring the user that every vial of product is exactly the same in concentration and potency.

Does this product contain human or animal cells or tissue?

No. It does not contain any blood, stem cell, or other human or animal cells, tissues or products. It contains the natural secretions of adult

stem cells derived from patented adult stem cell lines placed in incubation chambers containing what is known in the industry as Human

Fibroblast Conditioned Media (HFCM) where they are secreted in super-saturated and super-concentrated volumes.

What are the active ingredients?

CyGenX's Advanced Hair Complex+ is a proprietary blend of concentrated growth factors derived from natural secretions of adult human

stem cells that are super saturated and super concentrated and designed to support hair follicle health. Hair shafts cannot grow in an

unhealthy hair organ or follicle. The active ingredient is Human Fibroblast Conditioned Media (HFCM), approved for use as a "cosmeceutical" by the U.S. Food and Drug Administration. The ingredients are:

- Human Fibroblast Conditioned Media
- Water (aqua)
- Propylene glycol
- Lonicera Caprifolium (Honeysuckle) flower extract
- Lonicera Japonica (honeyscuckle) flower extract
- 1,2- Hexanediol
- Caprylyl glycol.

Where does the Human Fibroblast Conditioned Media (HFCM) come from?

The adult stem cells for this formula are a patented human stem cell line and the secreted cytokines, proteases, complex proteins and

growth factors are isolated and cultured and concentrated in the laboratory. They are not synthetically produced. The patented adult stem

cell lines are selected from those that test to be the most potent and thereafter they are placed in incubation chambers to saturate and

concentrate the volume of the desired growth factors that will be added into the AQ Advanced Hair Complex + formula. The patented adult

stem cell lines yield product through 50 passes or 50 cell divisions at which point the secretions begin to lose potency. The cells are then

discarded and a new patented cell line is substituted. Again, these are not synthetic creations but rather the normal secretions from the

patented adult stem cells lines. This process takes about four to five weeks.

Is the Process Expensive!

Yes. To give a comparative cost assessment, if an individual wanted to purchase a specific secreted growth factor – which is impossible

because they are only sold to research facilities - the cost depending upon the growth factor desired would vary between approximately

\$1,000 to \$1,500 per picogram. A picogram is 1/1000000000000000th of a kilogram. This is very expensive for such a tiny volume of product.

What about consistency?

CyGenX's Advanced Hair Complex+ is refined and the manufacturing is done to pharmaceutical grade quality. The manufacturing

facility

in California is FDA approved, certified and inspected and GMP rated. This is critical, because this means that every batch of CyGenX's

Advanced Hair Complex+ is identical.

Does CyGenX's Advanced Hair Complex+ require a prescription?

No. Some companies are developing stem-cell based products, based on similar research, that will require an injection by a health care

professional and a prescription and which will be available in perhaps three years. However, CyGenX's Advanced Hair Complex+ is a

topical serum applied to the scalp. It does not require a prescription and is available today.

Are there any similar products on the market right now?

No. CyGenX's Advanced Hair Complex+ is the only product made with the proprietary blend and concentration of follicle stimulating and

enhancing growth factors. This product was developed in the laboratory by skilled research professionals. The primary investigator of the

product is both an MD and Ph.D and actively serves on the faculty as a Professor of a prominent medical school. There was an early prototype of CyGenX's Advanced Hair Complex+ available last year, but CyGenX's Advanced Hair Complex+ is a new formulation that is

significantly more potent than its predecessor.

Will CyGenX's Advanced Hair Complex+ work for everyone?

This of course will depend on everyone's own definition of "will it work". In clinical tests, it has resulted in new hair growth on virtually all test

subjects and has dramatically slowed hair loss. However, consumers who expect "instant results" or have unrealistic expectations may be

disappointed. The process of hair growth is very complex. The hair follicle is an organ. It consists of sebaceous glands, sudiferous glands,

muscle, hair, epidermis, nerve tissue and more. If one were to ask someone to grow them an organ: a heart, a nose, an ear, a finger they

would understand that this would take time. Because the hair follicle is an organ it is understandable why simple formulations consisting of

vitamins, minerals, herbs, and even DHT blockers have yielded dismal results. Most who have tried these formulations keep hoping for

something that really works. There is a strong likelihood, if the user has patience along with realistic expectations over the course of treatment he will see hair growth on his head. A good test follows: First determine if the follicle is dead. If it sustains vellus hair it is not

dead. After 1 – 2 months of application of the CyGenX AQ Advanced Hair Complex +, if you see hair fuzz (vellus hair) there is justified

reason for renewed hope because the hair follicle is likely alive. Being alive it will now require time to repair all aspects of the damaged

organ until it is capable of supporting a terminal hair shaft. The time involved varies according to the extent of damage to the hair follicle

and how long the damage has been existent. The longer a condition of damage has persisted likely the longer the healing process will

take. Biology is biology and nothing can speed up biological functions. Please See: "Scientific" heading on this site for more details and

case studies. Some hair follicles may be actually "dead," not dormant, and these cannot be rejuvenated with present day technological

knowhow. However, it's important to realize that even men who have been bald for decades – as in "cue ball" bald – have seen impressive results and new hair using CyGenX's Advanced Hair Complex+.

Will CyGenX's Advanced Hair Complex+ work for women?

Yes! For many women, it may be one of the few products that will actually help. That's because many hair growth products only work for

men. Finasteride, for example - licensed by the FDA to control hair loss for men only - is actually considered dangerous for women of

child-bearing age to use. That is because finasteride works by reducing the amount of the male hormone dihydrotestosterone (DHT) that

researchers believe is one of the principal causes of Male Pattern Baldness. Many, if not most, male hair loss products do the same thing, work by reducing the amount of DHT. In contrast, CyGenX's Advanced Hair Complex+ works, not by limiting the amount of DHT on

the scalp, but by resupplying the growth factors that hair follicles need to function optimally.

Can CyGenX's Advanced Hair Complex+ be used in conjunction with Minoxidil.

Yes. CyGenX's Advanced Hair Complex+ is compatible with the use of Minoxidil. However, many early test subjects found that CyGenX's

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