TECHNOLOGY OVERVIEW

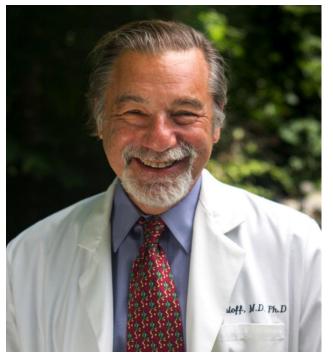


bring out the natural beauty in your hair

Technology Summary

- Illumai is a meaningfully different, patented, bio-science-based approach to healthy, beautiful hair & skin. Addresses "white space" in a \$60b market globally
- Invented by <u>Michael Zasloff</u>, MD, PhD, an internationally recognized medical scientist; former Director at NIH, Dean of Research at Georgetown Medical; 47 patents; hundreds of articles; speaks globally on the relationship of the interactions of microbiome and the skin.
- Illumai is a 3-product system, each relying on proprietary technology. One patent has been granted and two patents are pending.
- After market research and analysis, a new brand positioning as the world's first "Biome Care System" for hair (and later, for skin) has been developed by our brand leader, <u>Diggi Thomson</u>, the former director of brand at Unilever.
- Over \$1m of development so far; seeking capital for e-commerce tests of new biome care positioning to demonstrate market acceptance.

Michael Zasloff, M.D., Ph.D.



Pediatrician, Geneticist, Immunologist

- Former Department Director, Genetics, N.I.H.
- Former Dean of Research, Georgetown Med
- Founder, publicly traded pharmaceutical co.

Medical Research Scientist

- 47 patents, hundreds of peer-reviewed papers; scores of speaking engagements
- Featured in "100 New Scientific Discoveries" <u>book</u> published by Time Magazine
- 25 years of biomedical research into the selfhealing mechanisms of skin & microbiome

• Chairman & Founder of illumai

When confronted with the "**symptom** solutions" in hair care today, Dr. Zasloff invented an entirely new approach, inventing a **systems** solution that really works

The Illumai Biome Care System





A 3-step system designed to restore & maintain the integrity of your biome in order to promote a naturally healthy scalp and bring out the natural strength and beauty in your hair

Cleanse Non damaging shampoo with XO-70[®]



Effective cleansing that leaves the biome intact

Nurture Restorative conditioner with Isoleucine



Targeted repair of wear and tear of both layers of the biome

Protect Finishing leave-In spray with Lipid Complex



Overall reinforcement of the biome's protective layers

Illumai's Biome-Care Ingredients

Each product is built around unique active ingredients with a degree of patent protection to each

Cleanse with

XO-70[®]



A gentle yet effective cleansing agent derived from plant starch that leaves the biome intact while also strengthening the 'waterproofing' layer on the scalp and protecting it from irritation and microbial attack

Nurture

with

Isoleucine



An amino acid that naturally stimulates the generation of the lipids and anti-microbial peptides & proteins that comprise the protective layers of the biome

Protect

with

Lipid Complex[™]



Concentrated "nano-aggregates" of lipids that provide all-over strengthening and protection of the biome against heat & styling damage

Patent Protection

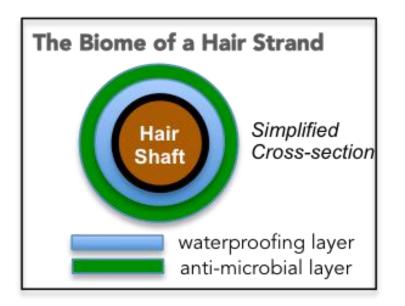
Patent pending for combination of LMG with decyl glucoside (which we trademarked as XO-70[®]). It's key to making LMG stably soluble, therefore usable in personal care products Patent granted regarding the ability to add isoleucine at 'active' levels in personal care products and to make claims regarding it's 'stimulant' properties Patent pending for the creation of "nano-aggregates" of the active ingredients, thereby delivering high concentrations of repair ONLY at point of depletion or abrasion on hair shaft

System Features and Benefits

	Illuma	i Biome-Care System For Hair	
	CLEANSE	NURTURE	PROTECT
	Gentle Cleanser	Restorative Conditioner	Leave-In Spray
	Targeted Penair & Helictic Nurturin	Health Benefits g of your Naturally Protective Biome - the Fo	undation of a Hoalthy Scalp & Hair
	Thorough but non-damaging cleansing of the hair and scalp and	Targeted repair of the hair's natural water barrier and	Final targeted repair and all over enhancement of the hair's
	Therough but non-damaging cleansing of the hair and scalp and targeted restoration of the scalp's natural moisture barrier; zero preservatives; non-ionic structure leaves no anionic residue	Targeted repair of the hair's natural water barrier and stimulation of the scalp and hair's natural powers of self- protection	Final targeted repair and all over enhancement of the hair's natural water barrier, to enhance shine, strengthen hair, maximize managebility and protect against heat & styling damage
Notes On Action on the Biome	Protective Cleaning (20-76) C Clean of It. Secosive oils * Leaves stebun (peptides, proteins and moisturizing oils) intact + Leaves interclaim (paids intact in equidermal cells (cals) * Cleaves no silicone, artificial of or other residue on hair or scalp. * Leaves no silicone, artificial of or other residue on hair or scalp.	Trageted Repair / Restoration (XO78.8.19%C-inpids) = 81%C and other lipids logicit grazery (repair of the hair's monture barrier = Notificularies = Quarts of necessary to neutrality produce anti- = Quarts on necessary to neutralities andic residue (viz conventional shampoo) = No grazeravators tali microfacta = No preservators tali microfacta	Completion of Repair / Bestration * Upon agitation the two oils form "nanoaggregates" of micelluar structures with calcionic table because there is na anotice residue on the half, the only source the source of the source of the source of the source depletion or airration in the solution * The nano-aggregates electrostacially adhere ONIV to such areas * No silicones or other residue to simpther scalp or weigh hair
		Beauty Benefits	
		Naturally Beautiful Soft Sexy Hair	
	⁴ Squasky Clean - because no detergent or silicone film is deposited ⁴ Wirbant Color - because it is 100% color safe ⁴ Rich Creamy Unter- For an indugent experience, because XO- 70 creates an extremely dense, luxurious, small-cell lather.	* Detangies (partially) - because the lipids make comb-out easier Weighties Volume - because the protein building blocks (bhe amino acids) add body and bounce, but (unlike other conditioners) It adds no silicone conting * Unique Natural Shine - because there is no duiling film (lonic salts) or other coating that changes the hair's reflective properties	* Manageabe - because the nanoaggregate lipids only fill in the gaps in the biome, the hair is completely restored; behaves naturally now * 50ft to Touch - because the restored hair has no fitzz at all, hair is "fitter soft" * Luminoutly shiny - because there is no dulling fillin, or painted over silicone coating, each strand of hair is allow to shine
		Convenience Benefits	
		Dries in Half the time	
	Saves Money: very dense products last a long time; fewer visits to colorist / treatments	Longer time between washes	Faster Drying (yes)
		Active Ingredients	
-	A System of Inter-dependent patented and patent-pending ingredients and formulations		
	XO-70 Because Cleanse contains XO-70, a non damaging and high	Isoleucine Because Restore contains an 'active level' of isoleucine, it	Lipid Complex Because Protect contains a patent pending lipid complex that
	performance cleansing agent with unique ceramide like properties, it both cleanses without harming the biome while also restoring the scalp's natural moisture barrier	naturally stimulates the scalp to produce the biome-care packet of natural moisturizers and anti-microbial peptides and proteins essential for maintaining a healthy scalp and beautiful hair	concentrates water-repelling lipids where they are still needed, it finishes repair of the naturally protective moisture barrier, while the light misting enhances the hair's all-over protective coating
How the Magic Works	ND 70 is a genite cleanser that does not strip of the biome and therefore cleans will leaving the barrier that protects color or treatment influence that is instat. It has a 'unique sporties' is a many other cleanser. - unique rich lather in a genite, no sulfate, no sulfate, cleanser - ceramide like popurises that minime the bigsts that the sine produces; these act as the pursective moisture barrier / water barrier of the side. The consequence: - the lather means that the genite cleanser spends longer in constant with the scale and hair compared to other one-fausting and a wary effective cleanser. - the lather means that the genite cleanser spends longer in consultate share of flexibility, the dotted genite and a wary effective cleanser. - the carrier and a subtract of the other there are gaps in the mostature barrier in the scale, therefore repairing one of the key defensive inoperation of the longer. The active ingredient is 1MA, a manufactured modecale developed by Ref. In the 1997 bits are marked to properties.	Indextore is a nutrully accuring "essential" anno acid to fusifing block of protoin (shorewerd) (and inclusing) utiliated (s naturally stimulate situ cells to produce and microbiol jappties and other elements needed for sustaining in halfur, biome The two elements are - a low of notices and inclusion of the second states of the - a low of notices and protoins that promote a halfurly microbiom, the community of healthy microbioms that line on the surface of the scalp and hair which repet the harmful microbes from damaging the scalp and hair	The unique applications lies in the way the formula causes the BMC and PKS ships for form 'nan-argumat'
Our Patents cover	is relatively cheap and entirely safe. It is typically insoluble in solution. MG is the key active in XO70 which is combined with decyl glucoside to make it soluble at high concentrations and/or low temperatures and therefore usable in personal care products illumai has a pending patent around this, and therefore nobody	illumai has a patent on the ability to add isoleucine at 'active' levels and to make claims regarding it's 'stimulant' propertiesso therefore nobody else can do what we are doing with it.	Around creating 'nano-aggregates of the active ingredients

Click to expand

The System Is The Solution: *First, Respect The Biome*

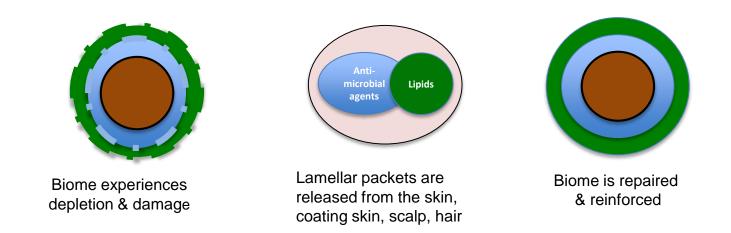


The **"biome"** is the natural, living, self-healing ecosystem of skin/scalp cells, follicles, hair strands, and the peptides, proteins, moisturizing oils and microbiota that protect our skin and hair from damage and infection. It's composed of two critical subsystems produced by the body:

- A water-proofing layer of natural lipids (oils and waxes) that prevent moisture loss
- An anti-microbial layer of peptides and proteins that create an environment friendly to the good microbes (and hostile to the bad ones) that colonize all living surfaces

When the biome is in balance, we experience a healthy, irritation-free scalp, and hair that is shiny, soft, full, manageable, resilient, strong and healthfully beautiful

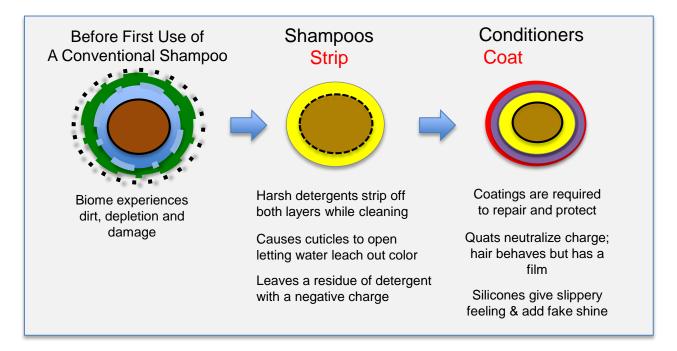
The Biome Regenerates Itself When We Don't Mess With It



- Like our immune systems, when the biome experiences wear and tear or is attacked, the skin releases 'care packages' for the biome
- The problem: modern human lifestyles overwhelm this self-healing process with "insults" -- hair dye, detergents, pollution, flat irons, styling, etc.

When the biome is in balance, we experience a healthy, irritation-free scalp, and hair that is shiny, soft, full, manageable, resilient, strong and healthfully beautiful

The Damage-Mask Cycle of **All** Other Hair Care Products



- Scalp health is compromised, leading to dryness, flaking and irritation
- Hair strand's integrity is compromised so depletion & damage continue
- These products emulsify the lipids, flush the peptides & poison the microbiota. Then, they paint over the damage with an artificial shine

Refined For Consumer Use at Salon Mario Russo



- <u>Mario Russo</u> ranked <u>"top 100 US Salon</u>" (Elle)
- The stylists at Salon Mario Russo tested the various Illumai formulations during an extensive product development period
- Dr. Zasloff adjusted the formulations
- Goal: Products that ordinary consumers could use at home, between salon visits, to maintain healthy, beautiful hair
- Result: Success

Extraordinary, Remarkable Results

No matter what symptoms you start with, Illumai restores your "high-school hair" by bringing your biome back into balance.



Note: We can demonstrate and prove each of these claims and have testimonials supporting all of them.

From Great Product To Great Brand



To make a great brand, you need two things:

- 1. A great product you can buy
 - Dr. Zasloff invented it: Illumai
 - Mario Russo refined it for consumers
- 2. A compelling idea you can buy into
 - Diggi Thomson created that: the first
 "Biome Care System for the hair" a
 systems solution creating healthy beauty

The Team

- CEO Wayne Willis
- CSO Michael Zasloff
- VP Product Mario Russo
- VP Marketing candidates TBH upon funding
 - in the meantime, relying on Diggi Thomson, consultants and outsourced services
 - agency identified ... just add money
- VP Delivery Elizabeth Slotta
- Salon Management Maria Fei (Mario Russo)