MMP1 Super Anti-Wrinkle Gene

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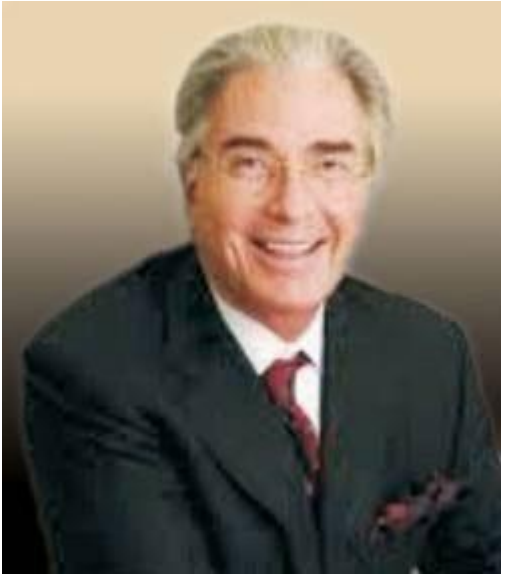
The Miraculous Anti-wrinkle Gene in Chromosome 11 – MMP1, a safer, side effects free, latest generation antiwrinkle formulation which eliminates damaged tissues (which cause wrinkles) and replaces them with collagen !!



SM, Microbiology Geneticist of Harvard University has created a new strain of C. Botulinum which produces MMP1 Anti-Wrinkle Gene.

Pursuing beauty is the nature of women and wrinkles are the biggest death-wound to women. With the emergence of genetic medicines, Institution of Biomedical Research of Switzerland had achieved several breakthroughs in aesthetic medicines. With its patented technology, they have created a new strain of bacteria which produce a special anti-wrinkle compound that is 2 times more potent than any

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botulinum toxins, which will eliminate mechanical wrinkles for 9 months to 2 years in one treatment.

Geneticist in Microbiology who made this discovery, Dr. Krane SM, MD, from University of Havard, USA, said that the MMP1 Anti-wrinkle Gene is comprised of botulinum toxin A & B, which is the commonest forms of botulinum toxin currently used in medicines and aesthetics, MMP1 Collagen Synthesis Gene and Biotin, adding that this compound is produced by a new strain of bacteria cultures with marine derived phyto-culturing media, and the discovery is unprecedented in the history of aesthetic medicines.

" Previously, botulinum toxins are produced by denaturing C. Botulinum at 60 degree Celsius (1). The denatured C. Botulinum are then cultured in culture media made of animal proteins, creating more bacteria to produce the botulinum toxins (2). With this method, one strain of bacteria can only produce one type of botulinum toxin and irrespective of the purification, the toxins will remain its toxicity in human body. Hence it is not uncommon to hear of side effects due to overdose of botulinum toxin. "

In order to make it free of side effects, we spent years to improvise the technology, creating a more human friendly culture media and implementing genetic medicines into the research and developing of new antiwrinkle formulations. Finally, we created a C. botulinum, which is a special strain of bacteria which

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produce antiwrinkle formulation with higher efficacies, longer lasting effects without side effects.

He said that, the new bacteria, when cultured with marine, phyto-derived culture medium, produced botulinum toxin A & B, MMP1 Collagen Synthesis Gene and Biotin. These 4 bioactive substances interact with each other synergistically and exerts immediate and short term muscle paralysis to get rid of mechanical wrinkles, while letting the MMP1 and Biotin to dissolve the damaged fibrous tissues (that cause wrinkles) and generate new collagen (3) , to make the treated site firm, smooth and free of wrinkles.

Dr. Krane pointed that the compound, named as MMP1 anti-wrinkle genes, had successfully eliminated the side effects of botulinum toxins, with the synergistic efficacies of all other substances. And MMP1 collagen synthesis gene has further strengthen its wrinkle removing effects.

"Apart from its superb efficacies in aesthetics, MMP1 Anti-Wrinkle Gene is also equally effective in its clinical applications, for the treatment of muscular dystonia, spasm and hyperhydrosis…etc, with efficacies superior to any forms of contemporary botulinum toxins. "

"To date, MMP1 Anti-Wrinkle Gene has been used in more than 5000 human subjects, for aesthetics and clinical therapeutics with duration of efficacies ranging from 9 months to 2 years. Effects are visible 3-10 days post

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treatment, and no side effects are observed in 5 consecutive years of continuous treatment with MMP1 Anti-Wrinkle Gene. "

According to Dr Krane, MMP1 Anti-Wrinkle Gene is currently indicated for the following conditions:

Eliminate mechanical wrinkles by blocking neurotransmission in the neuromuscular junctions, hence is indicated for the elimination of nasolabial lines, crow's feet, frown line…etc;

1. With the same mechanism ,it is indicated for the treatment of muscular spasm and dystonia, e.g. cervical dystonia, strabismus, blepharospasm and headache due to contraction of skeletal muscle; Hyperhydrosis due to hyperactivity of sympathetic nerves;

2. Frequent urination due to hyperactive bladder;

3. Vaginal spasm;

4. Muscular disorders due to stroke, cerebral palsy or Parkinsonism. Adding that more researches are on the pipeline to explore the potential of MMP1 AntiWrinkle Gene.

Caption:

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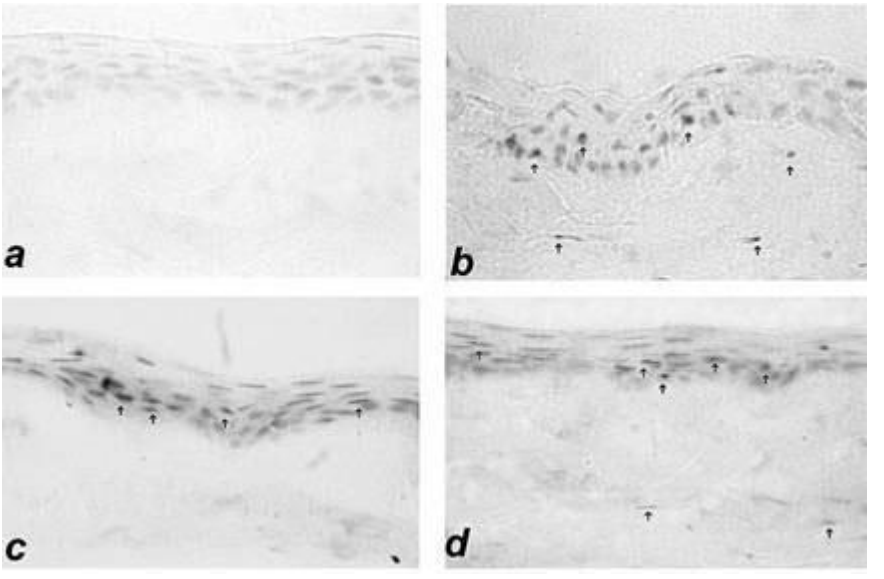
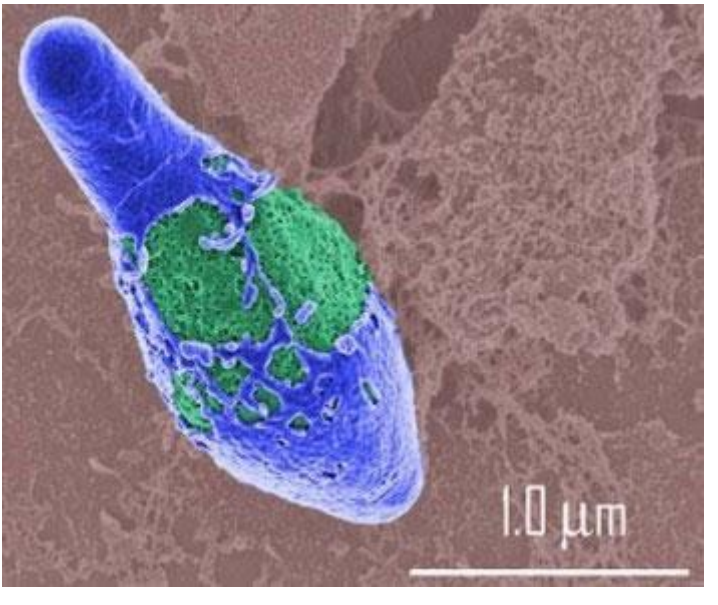


MMP1 Anti-Wrinkle Gene is located in 11th chromosome of human being and has been proven to eliminate damaged tissues and replace them with collagen. (a) is human tissues before introducing MMP1, b, c and d how increased collagen sybthesis after introducing MMP1 Anti-Wrinkle Gene (Black objects pointed by arrows).



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Institute of Biomedical Research created a new strain of C. Botulinum which produces MMP1 Anti-Wrinkle Gene.

MMP1 Anti-Wrinkle Gene exhibited prominent efficacies with longer duration than any forms of botulinum toxins, lasting 9 months to 2 years, as shown in the before (left) and after (right) photos below:

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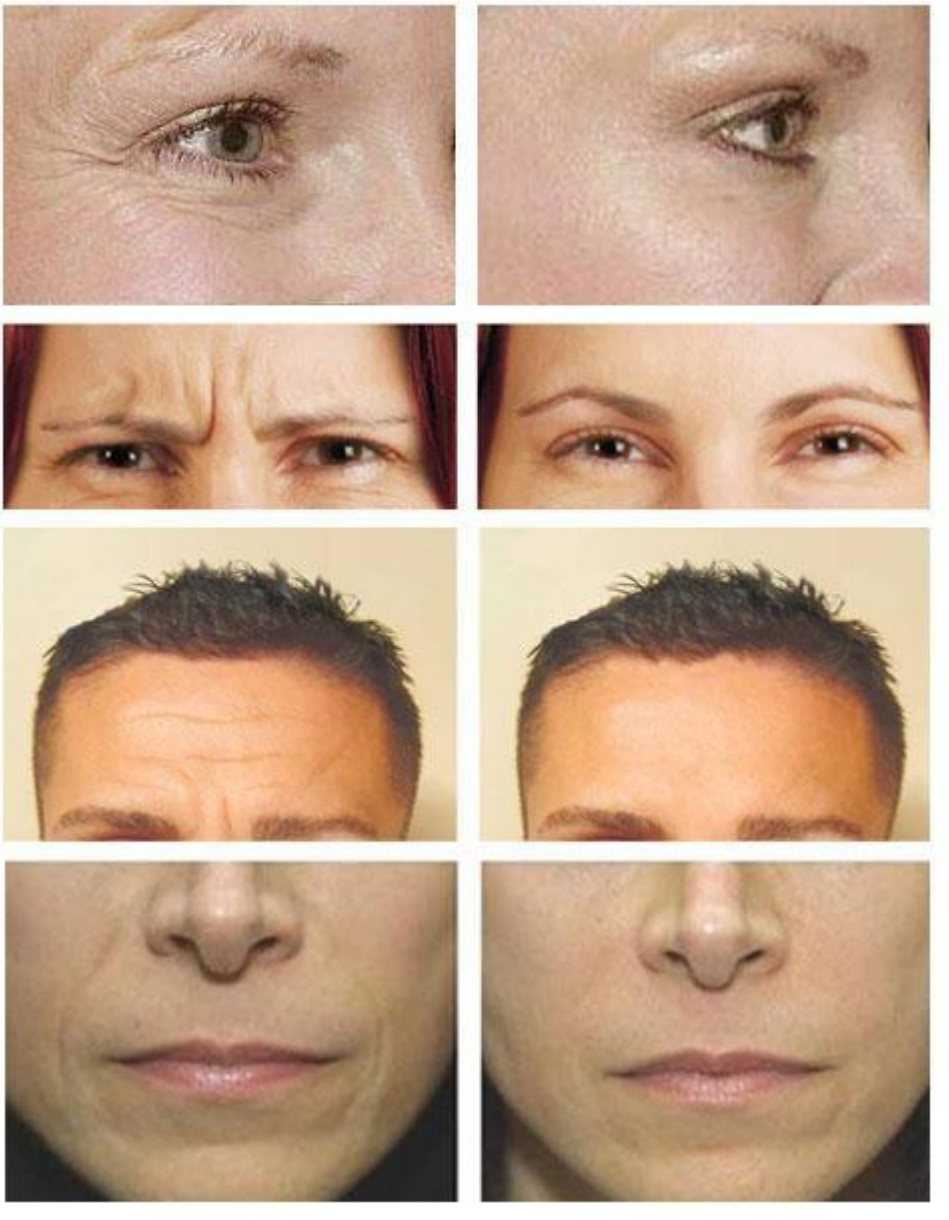

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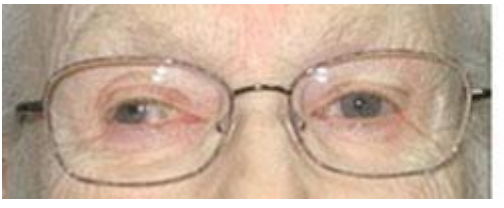
Blepharospasm, before (left) and after (right):


Strabismus, before (left) and after (right):




References:

1. Irving, William; Boswell, Tim; Dlawer, Ala'Aldeen (2005). "Section C: Human pathogens: bacteria; C14: Clostridia". Instant Notes: Medical Microbiology. New York: Taylor & Francis. p. 160. ISBN 978-1859962541.

2. http://books.google.com/?id=pg9HinBo-4cC. http://www.springerlink.com/content/w737173734r260gr/#section=82696&page=1&locus=0

3. Is collagenase (matrix metalloproteinase-1， MMP1) necessary for bone and other connective tissue remodeling? Krane SM. Department of Medicine, Harvard Medical School, Boston, MA 02114, USA. http://www.ncbi.nlm.nih.gov/pubmed/7641497

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