



# CENEGENICS

ELITE HEALTH

Scientific Studies Show the Benefits and the Safety of the Ingredients in the  
**Concentrated Restorative Serum**

There are an incredible number of studies that have shown the ingredients to be both safe and effective *for improving* the condition and visibility reversing the age of your skin. No other product on the market uses a naturally derived combination of ingredients - scientifically proven to support our claims.

## **PUBLISHED STUDIES:**

### ***HUMAN OUGOPEPTIDE-1(EGF) Epidermal growth factor- Stimulates new cell growth***

[J Drugs Dermatol.](#) 2012 May;11(5):613-20.

[\*\*Improved texture and appearance of human facial skin after daily topical application of barley produced, synthetic, human-like epidermal growth factor \(EGF\) serum\*\*](#)

[J Cosmet Laser Ther.](#) 2010 Feb;12(1):14-20.

[\*\*Combination of physiologically balanced growth factors with antioxidants for reversal of facial photodamage\*\*](#)

[Am J Physiol Cell Physiol.](#) August 17, 2005, doi: 10.1152/ajpcell.00142.2005

[\*\*EGF stimulates proliferation of mouse embryonic stem cells: involvement of Ca<sup>2+</sup> influx and p44/42 MAPKs\*\*](#)

[Biol Cell.](#) 2005 Mar;97(3):173-83.

[\*\*Epidermal stem cells: the cradle of epidermal determination, differentiation and wound healing.\*\*](#)

[Lancet.](#) 2001 Sep 29;358(9287):1067-8.

[\*\*Dedifferentiation of epidermal cells to stem cells in vivo\*\*](#)

[Molecular and Cellular Biology](#) Vol. 9. No. 7; 2771-2778; 0270-7306/89/072771-08\$02.00/0

[\*\*Recombinant Human Epidermal Growth Factor Precursor Is a Glycosylated Membrane Protein with Biological Activity\*\*](#)

[The Nobel Foundation](#) 1986

[\*\*The Nobel Prize in Physiology or Medicine 1986 was awarded jointly to Stanley Cohen and Rita Levi-Montalcini “for their discoveries of growth factors”\*\*](#)

***BLUE GREEN ALGAE EXTRACT (AFA), Promotes cellular proliferation***

[Med Sci Monit.](#) 2010 Jan;16(1):BR1-5.

[\*\*Effects of blue-green algae extracts on the proliferation of human adult stem cells in vitro: a preliminary study\*\*](#)

[Cardiovasc Revasc Med.](#) 2007 Jul-Sep;8(3):189-202.

[\*\*Mobilization of human CD34+ CD133+ and CD34+ CD133\(-\) stem cells in vivo by consumption of an extract from \*Aphanizomenon flos-aquae\*–related to modulation of CXCR4 expression by an L-selectin ligand?\*\*](#)

***ARGANIA SPINOSA KERNEL OIL (ARGAN OIL)***

*Skin conditioner, anti-oxidant, anti-microbial*

[J Cosmet Dermatol.](#) 2007 Jun;6(2):113-8.

[\*\*Clinical and instrumental study of the efficacy of a new sebum control cream.\*\*](#)

[Crit Rev Food Sci Nutr.](#) 2010 May;50(5):473-7. doi: 10.1080/10408390802544520.

[\*\*Should the amazigh diet \(regular and moderate argan-oil consumption\) have a beneficial impact on human health?\*\*](#)

***COMMIPHORA MYRRHA OIL (MYRRH)***

*Analgesic, anti-septic, immune modulator*

[J Immunotoxicol.](#) 2010 Mar;7(1):68-75. doi: 10.3109/15476910903409835.

[\*\*Effect of myrrh \(\*Commiphora molmol\*\) on leukocyte levels before and during healing from gastric ulcer or skin injury.\*\*](#)

[Holist Nurs Pract.](#) 2007 Nov-Dec;21(6):308-23.

[\*\*Myrrh: medical marvel or myth of the Magi?\*\*](#)

[J Egypt Soc Parasitol.](#) 2008 Dec;38(3):763-96.

[\*\*An update review on \*Commiphora molmol\* and related species.\*\*](#)

***ELALEUCAALTERNIFOLIA (TEA TREE) LEAF OIL***

*Wound healing, anti-oxidant, anti-bacterial, anti-fungal*

[Int J Dermatol.](#) 2012 Sep 24. doi: 10.1111/j.1365-4632.2012.05654.x.

[\*\*A review of applications of tea tree oil in dermatology.\*\*](#)

[BMC Infect Dis.](#) 2006 Nov 3;6:158.

[\*\*In vivo activity of terpinen-4-ol, the main bioactive component of Melaleuca alternifolia Cheel \(tea tree\) oil against azole-susceptible and -resistant human pathogenic Candida species.\*\*](#)

[J Dermatol Sci.](#) 2012 Aug;67(2):120-9. doi: 10.1016/j.jdermsci.2012.05.005. Epub 2012 May 27.

[\*\*Topically applied Melaleuca alternifolia \(tea tree\) oil causes direct anti-cancer cytotoxicity in subcutaneous tumour bearing mice.\*\*](#)

[Front Microbiol.](#) 2012;3:220. doi: 10.3389/fmicb.2012.00220. Epub 2012 Jun 18.

[\*\*Antifungal, cytotoxic, and immunomodulatory properties of tea tree oil and its derivative components: potential role in management of oral candidosis in cancer patients.\*\*](#)

## ROSE FLORAL WATER

*Skin emollient, healing and hydration agent*

[Skin Pharmacol Physiol.](#) 2011;24(6):289-93. doi: 10.1159/000329214. Epub 2011 Jun 25.

[\*\*Dermocosmetics for dry skin: a new role for botanical extracts.\*\*](#)

[Ann Dermatol.](#) 2010 Aug;22(3):255-61. doi: 10.5021/ad.2010.22.3.255. Epub 2010 Aug 5.

[\*\*Enhancement of keratinocyte differentiation by rose absolute oil.\*\*](#)

## ADENOSINE

*Anti-oxidant, Anti-Aging, Cellular Messenger*

- Journal of Investigative Dermatology, Volume 124, Issue 4, April 2005, pages 756-763

- Journal of Cutaneous Medicine and Surgery, Volume 8, Issue 2, March-April 2004, pages 90-96

[Int J Cosmet Sci.](#) 2006 Dec;28(6):447-51. doi: 10.1111/j.1467-2494.2006.00349.x.

[\*\*Evaluation of anti-wrinkle efficacy of adenosine-containing products using the FOITS technique.\*\*](#)

[J Cosmet Sci.](#) 2007 Mar-Apr;58(2):147-55.

[\*\*Formulation, characterization, and efficacy of an adenosine-containing dissolvable film for a localized anti-wrinkle effect.\*\*](#)

[Arch Dermatol Res.](#) 2008 Oct;300(9):485-93. doi: 10.1007/s00403-008-0882-x. Epub 2008 Aug 30.

[\*\*Effects of adenosine 5'-monophosphate on epidermal turnover.\*\*](#)

## CITRUS AURANTIUM DULCIS (ORANGE, NEROLI)

*Skin circulatory agent, anti-microbial*

[Nat Prod Commun.](#) 2011 Jul;6(7):1009-14.

[Composition of Egyptian neroli oil.](#)

## HYALURONIC ACID

*Anti-wrinkle, anti-aging, skin softner, delivery agent*

[J Invest Dermatol.](#) 2013 Mar;133(3):658-67. doi: 10.1038/jid.2012.364. Epub 2012 Oct 25.

[Enhancing structural support of the dermal microenvironment activates fibroblasts, endothelial cells, and keratinocytes in aged human skin in vivo.](#)

[Arch Dermatol.](#) 2007 Feb;143(2):155-63.

[In vivo stimulation of de novo collagen production caused by cross-linked hyaluronic acid dermal filler injections in photodamaged human skin.](#)

[J Clin Aesthet Dermatol.](#) 2012 Oct;5(10):20-3.

[Efficacy and safety of a low-molecular weight hyaluronic Acid topical gel in the treatment of facial seborrheic dermatitis.](#)

## LAVANDULA ANGUSTIFOLIA (LAVENDER) OIL

*Healing agent, anti-septic, anti-fungal*

[Nat Prod Commun.](#) 2012 Oct;7(10):1401-4.

[Antimicrobial activity of blended essential oil preparation.](#)

[Nat Prod Commun.](#) 2012 Oct;7(10):1393-6.

[Composition and antipseudomonal effect of essential oils isolated from different lavender species.](#)

## TETRAHYDROPIPERINE (COSMOPERINE)

*Permeability enhancer, improves nutrient delivery*

- Zutshi, U. et al. (1984). J. Assoc. Physicians of India. 33:223-224
- Zutshi, U. et al. (1989) Indian Patent # 1232/DEU89
- Bano, C.K. et al. (1991) Eur. J. Clin. Pharm. 41:615-618

- Atal, C.K. et al. (1977) Indian J. Exp. Biol. 15:1230-1232

Majeed, M. et al. US Patent #5,536,506 (1996), US Patent # 5,744,161 (1998), US Patent # 5,972,382 (1999), US Patent # 6, 054, 585 (2000) and International patents

[Zhong Yao Cai](#). 2005 Jul;28(7):570-4.

[\*\*Study on proliferation effect of extracts of Piper longum on mesenchymal stem cells of rat bone marrow and the relationship to chemical functional groups.\*\*](#)

## ANTHEMIS NOBILIS FLOWER OIL (CHAMOMILE OIL)

*Anti-inflammatory*

[Molecules](#). 2010 Oct 27;15(11):7532-46. doi: 10.3390/molecules15117532.

[\*\*Antibacterial effects of the essential oils of commonly consumed medicinal herbs using an in vitro model.\*\*](#)

[Nat Prod Res](#). 2010 May;24(8):697-702. doi: 10.1080/14786410701654875.

[\*\*Evaluation of topical Matricaria chamomilla extract activity on linear incisional wound healing in albino rats.\*\*](#)

[J Vet Sci](#). 2010 Mar;11(1):35-41.

[\*\*Effect of German chamomile oil application on alleviating atopic dermatitis-like immune alterations in mice.\*\*](#)