From sustainably cultivated seaweed to certified organic cosmetics - the brand "Oceanwell"

Dr. Inez Linke, oceanBASIS GmbH





"Health for human and ocean" -

oceanBASIS investigates, develops and distributes sustainably products with marine ingredients for health and beauty.





### OceanBASIS GmbH



#### ocean actives

Extracts from marine organsims for cosmetics industry

#### ocean biotech

R & D of medical products, algae against cancer, collagen for woundhealing and orthopedics,

#### ocean cosmetics

natural cosmetics based on own extracts



### The basis – Seawater



The composition of minerals and elements in the seawater resembles human cell fluid.

- minerals and dissolved salts: sodium, magnesium, potassium, calcium, chloride, sulfate
- trace elements: cobalt, iodine,
  selenium, strontium

## - Macro Algae (about 13.000 marine species)



#### Green algae

- mainly fresh water
- pigments, polysaccharids

### Red algae

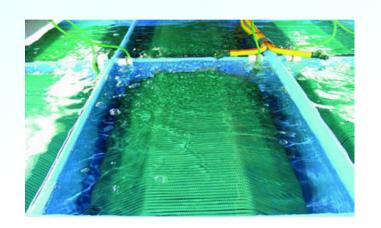
- mainly marine
- amino acids,agar-agar, carrageen

### Brown algae

- marine
- up to 50 m phylloids
- alginate, fucoidan, laminaran, polyphenols, proteins, vitamins



## Sustainable Aquaculture



- laboratory seeding phase
- open water farm
- extraction

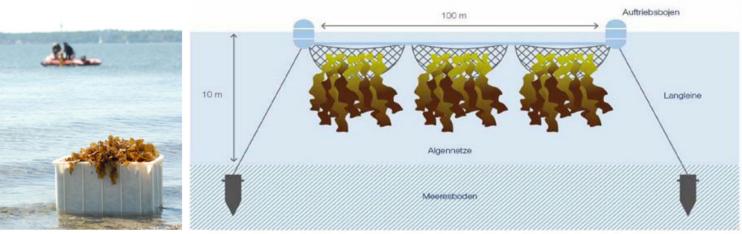






## **Nearshore Aquaculture**







## Oceanwell Basic.Line

- marine and pure

- moisturizing

- regenerating

- protecting

- revitalizing













## oceanic collagen

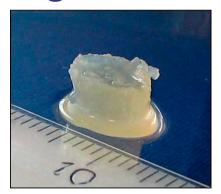
## organic cosmetics



#### wound healing



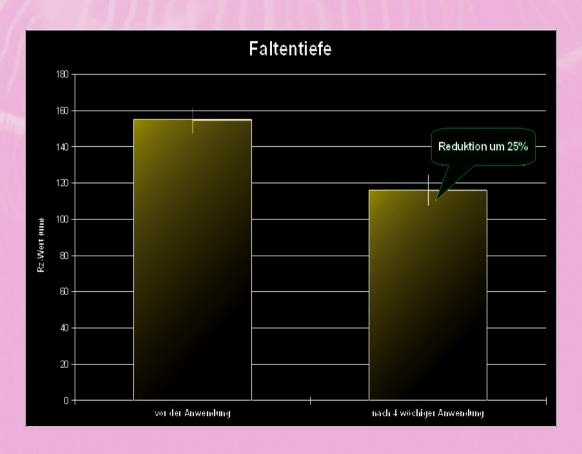
cartilage reconstruction





# OceanCollagen ProAge Line

## Face Cream "Most Innovative Natural Product 2012"





#### Fachliteratur zum Quallenkollagen (Auswahl):

Antioxidant and melanogenesis-inhibitory activities of collagen peptide from jellyfish (*Rhopilema esculentum*).

Zhuang Y, Sun L, Zhao X, Wang J, Hou H and Li B

Journal of the Science of Food and Agriculture, 2009 Aug; 89 (10): 1722-1727

Effects of collagen and collagen hydrolysate from jellyfish (*Rhopilema* esculentum) on mice skin photoaging induced by UV irradiation.

Zhuang Y, Hou H, Zhao X, Zhang Z, Li B.

J Food Sci. 2009 Aug; 74(6):H183-8

Radical scavenging activity of protein from tentacles of jellyfish *Rhopilema* esculentum.

Yu H, Liu X, Xing R, Liu S, Li C, Li P.

Bioorg Med Chem Lett. 2005 May 16;15(10):2659-64

