

Education and Culture Lifelong learning programme COMENIUS







# ALGAE IN PHARMACY AND NUTRITION

#### PHARMACY

Scientists discovered that algae have beneficial effects for humans and give health, mental clarity and energy. For this reason they created products for the face and body, and nutritional supplements based on algae. Specifically seaweed offer: detoxification, toning, stimulating, moisturizing, cleaning, anti-aging, eutrophic lipolysis and decontamination.



144

25 g

donkey milk seaweed - orange - olive stones

10

The use of algae in the diet has expanded worldwide in recent years. Sushi is very famous; it is grown in countries such as China and Japan. Furthermore, a number of microalgae for the preparation of **food supplements** for humans like **Spirulina**, which has high protein content and other beneficial components such as **vitamins, minerals and trace elements**.





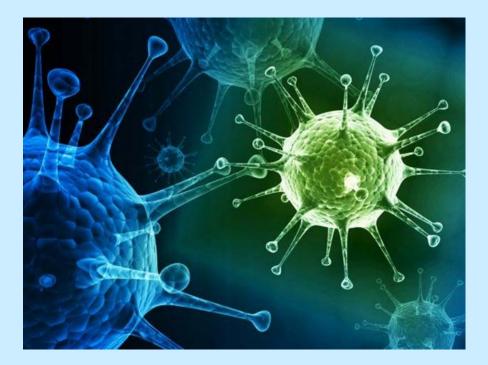








Some algae produce substances active against viruses such as herpes, pneumonia and AIDS, and others exhibit anticancer activity.





### BEAUTY

Algae are used as main substances in many cosmetics for body like deep moisturizing creams, relaxation lotions and creams, soaps etc.









## NUTRITION

Scientific studies show that seaweed is a food rich in beneficial properties and high antioxidant action. The paradox is that although they are developed in the marine environment (which is often contaminated), they do not absorb toxic substances, such as lead or mercury, unlike other forms of marine life as big fish.





Algae also contain vitamin C, which is essential for the proper functioning of the body immune system and the blood circulation. Algae also contain vitamin D, which is important for structure of the bones and is found only in traces in foods such as fish, eggs, or dairy.







#### A PROJECT BY THE STUDENTS:





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#### THANK YOU FOR YOUR ATTENTION