

g

615.322

•
 2
 3
 2
 1
 1
 1
 1
 1
 2
 3

« . . . » . . .
 . . . , . . .

()

, - [24].
 , , , , , ,
 (8 1 ^), - , , , , , ,
 [10, 11].
 [40].
 , , , , , , [9, 24].
 60 [25].
 [10, 15, 24, 50-70%]
 33]. (40-50%)
 (70%) [9]. [5, 13, 27, 33].
 [10].
 5%.
 [32].
 10-20%.
 [14].
 12
 (, , ,) - [5, 7].

[7, 16, 17, 38].

[5]. [2, 3, 19].

12-

[21, 28].

[5].

12,

[20, 34].

[5, 41].

[26].

[37].

[23].

[8, 18, 30, 36].

[12, 22].

[25, 27].

) [5, 31, 35, 39].

) [4, 5].

[8, 27, 29].

) [1, 5, 6, 8].

1. [p.] // . — 194-196.
2. [p.] // . — 2000. - 6. — 89-93.
3. [. . . VIII . « . », 6-11 2001 . — . 115J.
4. [. . .] . — 249J.
5. . . . , 2000. — 76 .
6. [. . . " . , 16-17 2003 . — . 35-36J.
7. [p.] [. . . VII . « . », 10-14 2000 . — . 513J.
8. A Randomized Double-Blind, Placebo-Controlled Study to Establish the Effects of Spirulina in Elderly Koreans / Hee Lung Park, Yun Jung Lee, Han Kyoung Ryu [et al.] // *Annals nutr. metab.* — Vol. 52, 4. — . 322 - 328.
9. Belay A. The potential application of Spirulina (*Arthrospira*) as a nutritional and therapeutic supplement in health management / A. Belay // *Am. Nutraceut. Assoc.* — 2002. — Vol. 5, 2. — . 27-48.
10. Blinkova L.P. Biological activity of spirulina / L.P. Blinkova, O.B. Gorobets, A.P. Baturo // *Zh. Mikrobiol. Epidemiol. Immunobiol.* — 2001. — Vol. 2. — P. 114-118.
11. Characterization and antioxidant activity of selenium-containing phycocyanin isolated from *Spirulina platensis* / Z. Huang, B.J. Guo, R.N.S. Wong, Y. Jiang // *Food Chem.* — 2007. — Vol. 100. — P. 1137-1143.
12. Chemomodulation of carcinogen metabolizing enzymes, antioxidant profiles and skin and forestomach papillomagenesis by *Spirulina platensis* / T. Dasgupta, S. Banjee, P.K. Yadav, A.R. Rao // *Mol. Cell. Biochem.* — 2001. — Vol. 226, 1-2. — . 27-38.
13. Chopra K, Bishnoi M: Antioxidant profile of *Spirulina*: a blue-green microalga. In *Spirulina in Human Nutrition and Health*. Edited by Gershwin ME, Belay A. Boca Raton: CRC Press; 2008.-P.101-118.
14. Cifferi O. Spirulina the oligible microorganism / O. Cifferi // *Microbiol. Review.* - 2003. - Vol. 3. - P. 272-275.
15. Dillon J.C. Nutritional value of the alga *Spirulina* / J. C. Dillon, A. P. Phuc, J. P. Dubacq // *World Rev. Nutr. and Dietet.* - 1995. - Vol. 77. - P. 32-46.
16. Dzemylo V.I. Studies of effectiveness of spirulina granules in cardiological clinic / V.I. Dzemylo, M.A. Orynach, L.P. Kuprash [VI Svitovi Kongres Polomi Medycznej, Warszawa, 1-11 crerwca 2000. - P. 145-146].
17. Effects of Dietary Spirulina on Vascular Reactivity / M.A. Juarez-Oropeza, D. Mascher, P. V. Torres-Duran [et al.] // *J. Med. Food.* - 2009. - Vol. 12, 1m. - P. 15-20.
18. Effects of spirulina in the treatment of bronchial asthma / R.U. Labhe, U.V. Mani, U.M. Iyer [et al.] // *J. Nutraceut. Function. Med. Foods.* - 2001. - Vol.3, 4. - P. 53-62.
19. Ferreira-Hermosillo A. Hepatoprotective effects of *Spirulina maxima* in patients with non-alcoholic fatty liver disease: a case series / Aldo Ferreira-Hermosillo, Patricia V. Torres-Duran, Marco A. Juarez-Oropeza // *J. Med. case reports.* - 2010. - Vol. 4. - P. 103.
20. Garbuzova-Davis S. Short Communication: Neuroprotective Effect of Spirulina in a Mouse Model of ALS / Svitlana Garbuzova-Davis, Paula C. Bickford // *The Open Tissue Engineer. and Regenerat. Med. J.* - 2010. - Vol. 3. - P. 36-41.
21. Hypocholesterolemic Effect of Spirulina in Patients with HyperlipidemicNephrotic Syndrome/R. Samuels, U.V. Mani, U.M. Iyer, U.S. Nayak // *J. Med. Food.* - 2002. - Vol. 5, 2. - P. 91-96.
22. Inhibition of tumor invasion and metastasis by calcium spirulan (Ca-SP), a novel sulfated polysaccharide derived from a blue-green alga, *Spirulina platensis* / T. Mishima, J. Marata, M. Toyoshima, H. Fujii [et al.] // *Clin. Exp. Metastasis.* - 1998. - Vol. 16, 6. - P. 541-550.
23. Inhibitory Effect of Mast Cell-Mediated Immediate-Type Allergic Reactions in Rats by Spirulina / Hyung-Min Kim, Eun-Hee Lee, Hye-Hyoung Cho, Young-Hoe Moon // *Biochem. Pharmacol.* - 1998. - Vol. 55. - P. 1071-1076.
24. Iyer UM, Dhruv SA, Mani IU: Spirulina and its therapeutic implications as a food product. In *Spirulina in Human Nutrition and Health*. Edited by Gershwin ME, Belay A. Boca Raton: CRC Press; 2008.- P.51-70.
25. Khan Z. Nutritional adtherapeutic potential of Spirulina / Z. Khan, P. Bhadouria, P.S. Bisen // *Curr. Pharm. Biotechnol.* - 2005. - Vol. 6. - P. 373-379.
26. Li B. Molecular immune mechanism of C-phycocyanin from *Spirulina platensis* induces apoptosis in HeLa cells in vitro / B. Li, M.H. Gao, X.C. Zhang, X.M. Chu // *Biotechnol. Appl. Biochem.* - 2006. - Vol. 43(Pt 3). - P. 155-164.
27. Mani U.V Therapeutic utility of Spirulina. In *Spirulina in Human*

