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**Enikeeva A.H., Balashov P.P.**

**Elderly and senile age people's primary consulting a doctor for a mental health care**

In the social status before receipt in a hospital pensioners on age prevailed, the contingent part had disablement owing to somatic diseases. The analysis of structure of physical inability at persons of elderly and senile age (n=136), for the first time addressed for the psychiatric help has shown, that for the first time recognized disablement owing to mental frustration met more often in age categories from 70-79 years and is more senior 80 years, on weight of frustration first group of disablement is defined. In structure of disorders forms a leading place occupied dementia.

**Keywords:** first disablement, elderly and senile age, dementia.

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**Sidorov A.S.**

**Current state of the organization of the medico-social help to elderly and senile age people**

**Keywords:** advanced age, living conditions, medico-social help.

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### **FUNGUS *TRICHODERMA*: ANTIBIOTIC ACTIVITY OF METABOLITES**

**Sharikov AM, Novitsky, IA, Mantchuk VT**

**Summary:** The problem of search and selection of new antibiotics of the metabolites of imperfect fungi is particularly relevant in our time. The effect of metabolites of fungi of the genus *Trichoderma* in a number of gram-negative and gram-positive microorganisms is studied. Antibiotic effect of the studied metabolites is shown.

Keywords: bactericidal effect, the imperfect fungi, metabolites, gram-negative and gram-positive bacteria, method of the holes.

#### **Introduction**

The interest in the imperfect fungi and their metabolites in the latter time increases. Metabolites and extracts isolated from a number of imperfect fungi are often the producers of many biologically active compounds, in particular, new antibiotics [2, 4, 7]. These metabolites are primarily characterized by an important property - the bactericidal [1, 3]. It is known that the fungi of the genus *Trichoderma* are the producers of metabolites having high antibiotic activity against fungi and bacteria.