

**МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
СУМСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ
КАФЕДРА ІНОЗЕМНИХ МОВ
ЛІНГВІСТИЧНИЙ НАВЧАЛЬНО-МЕТОДИЧНИЙ
ЦЕНТР**

**МАТЕРІАЛИ
X ВСЕУКРАЇНСЬКОЇ НАУКОВО-ПРАКТИЧНОЇ
КОНФЕРЕНЦІЇ СТУДЕНТІВ, АСПІРАНТІВ ТА
ВИКЛАДАЧІВ
ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО
ЦЕНТРУ КАФЕДРИ ІНОЗЕМНИХ МОВ**

**“WITH FOREIGN LANGUAGES TO MUTUAL
UNDERSTANDING, BETTER TECHNOLOGIES AND
ECOLOGICALLY SAFER ENVIRONMENT”**

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INNOVATIONS IN MEDICINE AND MODERN LIFE

D. Riabokon – Sumy State University, group LS – 501

L.A. Denisova – E L Adviser

Medicine is today perhaps the most dynamically developing branch of science. This is due to its huge social importance.

High rate of new discoveries in this area is associated with a large number of enthusiasts who are working to make people's lives easier, better and longer. Among other things, there is no medicine in any one of the priority areas, and science itself is very, very extensive.

At present scientists are almost ready to solve the problem of donor organs. Long ago it was announced that this problem would disappear itself after the equipment for growing organs in the laboratory will was created. And here it is. Recently some investigations have been conducted in China. As a result mouse liver bud was created. Later it was implanted in to the other mouse successfully. A few days past and all the vessels grown together properly, and the liver began to function adequately.

Eyesight is one of the five basic senses and it provides 90% of information for human brain. As a result, the eyes and their functioning will always play a huge role. It is not surprising that many of the achievements in medical science are aimed at maintaining good sight or correcting the bad one. An interesting invention, which has been released recently is the so-called individual telescopic lenses.

The next burning problem is the fight with cancer. Today, this dangerous disease is usually cared with the help of surgery, chemotherapy, or ruinous rays, which destroy tumors. All this treatments are ruinous not only for the tumor, but also for healthy cells. That's why many innovations are aimed at finding effective, fast and not harmful remedy to overcome tumor processes. One of the latest discoveries is the creation of experimental equipment, the main active part of which is a kind of needle. It is inserted in to the tumor and produces special micropulses, forcing pathologically changed cells to start the process of self-destruction.

The achievements in medical science are truly enormous. Thanks to modern technological advances, such diagnostic methods exist: endoscopy, ultrasound, computer and magnetic resonance tomography. Without the development of biochemistry it would be impossible to have serious innovation in the field of pharmacology.

Innovations in medicine have helped to increase life expectancy of many patients significantly. Over the past century, this indicator has increased by about 20 years. And now he is constantly growing.

The scientists have always dreamed of creating an equipment, which will help to determine the presence and character of microorganisms that hit the human body. At present, the research takes not only days, but weeks. Swiss scientists have been able to invent and create a prototype of an apparatus capable of identifying the microorganisms in a given environment, and determining the particular species. In future this will allow to subscribe the correct treatment in curing any infectious disease. This will reduce the duration and severity of serious diseases, and also to avoid many complications.

New things in medicine appear almost every week. Now scientists have come close to serious discoveries that will enable people with disabilities to regain an adequate level of social activity. Today there are techniques that can restore the integrity of the previously destroyed nerve. This will help patients with paralysis and paresis recover their motor abilities. These treatments are still very costly, but in 5-10 years so far they will be available for people with quite ordinary income.

Perhaps in the near future there will be no diseases that will not be able to cope with modern medicine.