



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

МАТЕРІАЛИ

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

«TO MAKE THE WORLD SMARTER AND SAFER»

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the moment. The birth of a left-handed child is more likely in a family where one of the parents is left-handed. This applies not only to parents but also to distant relatives. This feature can be transmitted through many generations without manifesting for a long time but it can be located in one of the gene loci. Now scientists are actively studying genetic loci associated with the preference of the left hand.

A lot of research of left-handedness has been carried out lately and thanks to one of them it turned out that in the right-handed people only one right hemisphere activates during some action and in the left-handers both hemispheres are active. Thanks to this scientists were able to conclude that a right-handed brain works synchronously and it looks as if one part of the brain slows down the other. In left-handed people the hemispheres seem to activate each other and this allows left-handed people to think not only logically but also come up with unusual ideas and perceive creativity. That is why a large number of left-handers joined the ranks of famous people, musicians, artists, writers, scientists and investigators.

THE ROLE OF LATIN IN MEDICINE

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Since ancient times, the Latin language has always been considered the language of educated people. It was used in all parts of the world. With time, this language began to «die» because English started supplanting it. Nowadays Latin is a dead language, but thanks to this fact Latin is used in scientific terminology. It is also considered to be the international language of all physicians in the world. The fact is that not every doctor knows English, but all the doctors know the medical terminology and the names of diseases in Latin. It is estimated that about 95% of English medical terms have Latin or Greek origin. This unique language can be compared to a dying tree. One can think that this

tree should be already cut down, but it is so rooted in the ground that it is no longer possible.

A famous Ukrainian poet Shevchenko said: «Well, it seems the words, words and voice nothing more, but the heart beats and revives when it hears them». And a medical student revives when he or she hears a familiar Latin word or phrase, because sometimes it is easier for a student to hear a term in Latin than several times in Ukrainian or English. The first thing we encounter at the medical institute is knowledge of Latin. We start using it from the first lesson in Human Anatomy, Histology, Medical Biology and other subjects. Latin is incredibly beautiful and quite melodic, but in its turn rather complicated.

Latin is the most important language in medicine. By the way, all medicines and diagnoses were derived from Latin or Greek. By learning to recognize different components you can understand the meanings of the new words in clinical terminology. For prescribing medicaments a future physician should master a special structure of a Latin prescription because the international pharmacological nomenclature has generally been based on the Latin language. That's why all prescriptions are written in Latin and any spelling mistake can cost a person's life. That is why every medical student requires a good knowledge of Latin.

THERAPEUTIC CLONING

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The review is devoted to the current biomedical direction in cell-replacement therapy - therapeutic cloning, which is the most universal approach for obtaining patient-specific embryonic stem cell lines (hESC) with tremendous potential in maintaining and restoring human health.

Now the main sources of stem cells directly for biomedical work are stem cells from umbilical cord blood and adult stem