

O. V. TRETYAK<sup>1</sup>, V. V. ILCHENKO<sup>1</sup>, I. V. KOMAROV<sup>1</sup>

## **Advantages and Problems of Multidisciplinary Education in Life Sciences – Experience of Institute of High Technologies in Ukraine**

<sup>1</sup>*Institute of High Technologies, National T. Shevchenko University of Kyiv,  
Ukraine  
E-mail: ik214@yahoo.com*

The Institute of High Technologies (IHT) was founded in July, 2009 as a part of Kiev National Taras Shevchenko University ([www.univ.kiev.ua](http://www.univ.kiev.ua)); it is the first educational institution of its kind in the Ukraine.

The main idea of this initiative is to find and educate most talented young people in the field of mathematics, physics, chemistry and biology, teach them using intense educational programs in order to prepare scientists capable of solving most challenging problems in contemporary science and technology. Particular stress is given to *interdisciplinary* advance courses and scientific work involving the students. Together with strict requirements for enrolling the students and hiring the teachers, this will lead to achievements of highest education standards and scientific excellence.

The advantages and problems of such education in Ukraine will be discussed basing on the 5-year experience of IHT.