

## **Nanotechnology development and applications**

### **Summary**

The paper presents a short historical background concerning the development of nanotechnological science and its current application in various fields of science and economy. Both profits and dangers resulting from more and more common nano-products' use in different aspects of life were presented. Moreover, the properties and application of nanosilver as one of the most commonly used elements and its influence on organisms and environment were demonstrated.

**KEY WORDS:** history of nanotechnology, properties of nanosilver, application of nanosilver