

## **Dr. Kisterska Ludmila Danilivna**

**V. Bakul Institute for Superhard Materials NAS of Ukraine**  
**2, Autozavodska str., Kiev 04074, Ukraine**

Born in 1947, graduated from Kyiv Shevchenko State University in 1970 (Department of Radiophysics); Ph.D. 1976.(Phys) Affiliations: Senior Researcher of the Bakul Institute for Superhard Materials National Academy of Sciences of Ukraine. Research interests: Synthesis of Nanostructured Materials with Controlled Properties Examples of recent publications: Control over Physical and Chemical Properties of Metal Nanoparticles in the Process of Colloidal Solutions Producing by Localized Ion-Plasma Sputtering, // Science Prospects, 2013, No 11, pp. 106-109; Ecologically Clean Plasma Dispersion Technology of Electrically Conductive Materials by One-step Cycle Nanoparticles Suspensions Manufacturing in a Wide Range of Liquid Media //Powder metallurgy, 2012, No 1/2, pp. 34 - 45; Study of Physical-Chemical Properties and Antimicrobial Activity of Silver Nanosuspension // Nanostrukturnoe Materyalovedenye // 2010, No 2, pp. 33-39; Size and Distribution of the Metal Nanoparticles in the Colloidal Solutions Obtained by Plasma Spattering with Simultaneous Implantation of Particles in Liquid Media // Nanostrukturnoe Materyalovedenye, 2012, No 4, pp. 105-111. In total, she is the author of 70 publications (including 3 monographes) and 14 patents.