

## CURRICULUM VITAE

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### **Education:**

1974	<b>M.Sc.</b> in Cytology, Hystology and Embriology Taras Shevchenko Kyiv National University, Ukraine Faculty of Biology
1989	<b>PhD</b> in Oncology RE Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology, Ukrainian Academy of Sciences
2012	<b>D. Sci. (Biol.)</b> in speciality “Oncology”, RE Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology, Ukrainian Academy of Sciences
2020	<b>Professor (Biol.)</b>

### **Positions held:**

2020 – present	<u>Director</u> RE Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology, Ukrainian Academy of Sciences
2001 - 2020	<u>Deputy Director</u> RE Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology, Ukrainian Academy of Sciences
2020 – present	<u>The Head of Department of Cancer Genetics and Oncohematology,</u> RE Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology, Ukrainian Academy of Sciences
2002 – 2008	<u>The Head of Oncogenetics Labaratory</u> RE Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology, Ukrainian Academy of Sciences
1992-2002	<u>Senior Res. Assoc.</u> Department of Tumor Genetics, RE Kavetsky Institute of Experimental Pathology and Oncology and Radiobiology, Ukrainian Academy of Sciences

**Membership in Scientific Societies:** European Cytogenetics Association, National Assotiation of Ukrain Oncologists, Non-governmental organization «Ukrainian Society for Cancer Research».

## SCIENTIFIC RESEARCH:

### A) *The Leader of research projects:*

“Investigation of genetic background and influence of environmental factors on realization of inherited susceptibility to cancer” (2010-2014), “Investigate the peculiarities of hormonal receptor status and elements of the microenvironment to assess the aggressiveness of the tumor process” (2014-2016), “Study of molecular biological features of endometrial cancer and identification of molecular subtypes of endometrioid carcinoma associated with high malignant potential” (2017-2019), “Metabolic syndrome as a modulator of the clinical course of hormone-dependent tumors” (2017-2021), “Evaluation of the components of the tumor microenvironment in relation to the invasive and metastatic potential of malignant epithelial tumors of the endometrium” (2020-2022), “Replicative stress factors in the progression of endometrioid endometrial carcinoma (2022-2023)”, “Hormonal-receptor status of tumor microenvironment cells as a factor in the modulation of oncogenesis in the endometrium and mammary gland” (2023-2026) - supported by National Academy of Sciences of Ukraine

### B) *The Group Leader of International Research Grants from RE Kavetsky Institute of Experimental Pathology and Oncology and Radiobiology, Ukrainian Academy of Sciences*

Comparative study of the expression of tumor suppressor genes and cell-cycle regulators in malignant versus pre-malignant cells of female reproductive system” (2003-2004) – supported by SWEDISH INSTITUTION VISBI PROGRAMME, Karolinska Institute, Sweden;

“Comparative study of the estrogen receptor and cell cycle regulators expression in maslignant versus premalignant cells of the ovary and endometrium” (2005-2006) - supported by SWEDISH INSTITUTION VISBI PROGRAMME, Karolinska Institute, Sweden;

“Identification of cell cygnal cascades, involved in Epstain-Barr virus-induced carcinogenesis” (2008-2010) - supported by SWEDISH INSTITUTION VISBI PROGRAMME, Karolinska Institute, Sweden “Study of bone-marrow hemopoiesis state (BMHS) in experimental dynamics in chronically irradiated animals obtaining bioconcentrates. Study of the radiogenic genomic disorders in bone-marrow cells (level and types of chromosomal aberrations, micronuclear frequency) in dynamic of experiment” (2005-2007) - supported by Science & Technology Center in Ukraine

## SCIENTIFIC ACTIVITY

- > **300** Publications in Periodical Journals and in Proceedings of Conferences;
- > **70** Contributions to National and International Scientific Conferences, Congresses, Seminars and Workshops;
- Supervisor of the project “Molecular mechanisms of tumor’s growth and progression ” RE Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology, Ukrainian Academy of Sciences;
- The member of editorial board of International Journal “Experimental Oncology”
- MDPI Journal Review Confirmation Certificate 2021-2023: Medicina, Cancers, Biomolecules.

## TEACHING EXPERIENCE

Part-time Associate Professor in Department of Biology, O.O. Bogomoltca National Medical University, Kyiv, Ukraine. Conducting course in Biology (2006 – 2015);

Supervisor of 7 PhD Theses, >20 Master’s Theses of students from Faculty of Biology, Taras Shevchenko National University, National University “Kyiv-Mohyla Academy”.

In the current year - "Cancer genetics" - Doctor of Philosophy in the specialty 091 "Biology", field of knowledge 09 "Biology"

## FIELDS OF SCIENTIFIC RESEARCH:

EXPERIMENTAL ONCOLOGY, MOLECULAR AND CELLULAR BIOLOGY, VIROLOGY, CYTOLOGY, ONCOGENETICS (virus-induced cancerogenesis, tumour cell heterogeneity, oncogenes, tumor-suppressor genes, morphological and cytological markers of malignancy, tumor cytogenetics and chromosomal aberrations,