

**THIS ISSUE IS DEVOTED TO 115TH ANNIVERSARY OF THE BIRTH
OF THE FAMOUS UKRAINIAN PATHOPHYSIOLOGIST
AND ONCOLOGIST, FOUNDER OF THE INTERNATIONAL
SCIENTIFIC JOURNAL “EXPERIMENTAL ONCOLOGY”
ACADEMICIAN ROSTISLAV E. KAVETSKY**



It has been 35 years since the launch of “Experimental Oncology” in September of 1979. The journal was founded by professor Rostislav E. Kavetsky (1899–1978). 115th Anniversary of his birth was celebrated on December 1, 2014. R. Kavetsky was a prominent pathophysiologist and one of the pioneers of the concept “tumor-host relations” established by him in 1937 and later developed in intensive and seminal investigations. This concept is now studied in many centers around the world and is an actual and promising field within ongoing oncologic research.

In this context it is very important to cite the recently published article of McAllister and Weinberg: “Investigations into the role of the tumor microenvironment and the mechanisms of stromal cell recruitment have also provided insights into a distinct and intriguing aspect of tumor biology: cancer progression may also be directed by the body’s systemic responses to malignancy and by the involvement of organ systems located at sites distant from the site of primary tumor growth. Some of the most compelling evidence that cancers exert unique and specific systemic effects comes from studies showing that tissues can be altered at the structural, histopathological and molecular levels in the presence of a distant malignancy, as we discuss in this Review. Thus, the view of cancer as a systemic disease, which was once a matter of speculation, is now emerging into the research spot-

light” [1]. It is a distinct recognition of the ideas and efforts of scientists, among them was R. Kavetsky who have suggested the existence of host-tumor interaction and its impact on tumor growth and progression.

One of the key goals of “Experimental Oncology” was to publish the best research articles in the field of experimental oncology, especially focused on the molecular mechanisms of carcinogenesis and leukemogenesis, biochemical and biophysical aspects of tumor growth, deciphering of mechanisms of tumor-host interactions and experimental antitumor treatment. In 1979 two issues of journal were published, from 1980 up to 1994 journal was published bimonthly and since 1995 up to now quarterly. 162 issues were published within 35 years.

Initially articles were presented in Russian only, but since 1993 the part of articles was started to be published in English, and since 2000 “Experimental Oncology” is a full English language journal. The geography of authors was extended within this time, international experts were invited as the members of Editorial Board and reviewers.

In 2013 “Experimental Oncology” was indexed in accordance with SCImago Rank and has achieved H index 24, SJR index 0.675, cites per Doc (2y) 1.55.

Editorial Board intends to categorize the articles in accordance with the following topics: Cancer Biology and Signal Transduction; Oncogenesis and Stem Cells; Early Cancer Detection and Diagnosis; Oncology and Cancer Prevention; Microenvironment and Tumor Progression; Predictive Biomarkers and Personalized Medicine; Cancer Therapy: Preclinical and Innovative Clinical Study.

We hope that “Experimental Oncology” will receive the new impulse to be progressed and worthily placed among international journals that highlight the different aspects of modern oncology. We strongly believe that in-depth researches of host-tumor interactions allow understand the nature of malignant growth and create effective means in fighting cancer.

REFERENCE

1. McAllister SS, Weinberg RA. The tumor-induced systemic environment as a critical regulator of cancer progression and metastasis. *Nat Rev Biol* 2014; **16**: 717–27.