



Arto V Zilfyan

Professor, PHD in Medicine

Honored Scientist of the Republic of Armenia

Head of the Scientific-research center of YSMU

Editor-in-chief of "THE NEW ARMENIAN MEDICAL JOURNAL" periodical

Highly respected colleagues!

Present issue and subsequent volumes of "The New Armenian Medical Journal" that will be published in 2018 are simultaneously devoted to two significant dates: towards the 100th anniversary since the foundation of Yerevan State Medical University after M. Heratsi and 10th anniversary since the foundation of our journal.

First pages of the journal present articles of the famous cardiologist professor G. Fragasso (Italy) where modern approaches of functional testing are justified as an accurate method of risk stratification in ischemic heart disease.

I consider it my pleasant duty to mention that professor G. Fragasso is a member of the editorial board of our journal since its foundation until now.

Present issue of the journal presents publications of joint studies conducted by domestic and foreign scientists whose scientific activity covers the most diverse areas of fundamental and applied medicine. In our subsequent editions of 2018-2019 the publications of domestic scientists, in particular the staff of Scientific-research center will be presented to the reader's attention which carries out its scientific-research activity as a structural unit in Yerevan State Medical University after M. Heratsi. In particular new information will be provided concerning the role of specific representatives of the class of polyamines - putrescine, spermidine, spermine in the genesis of a number of neurological and oncological diseases. The role of specific representatives of the class polyamines - putrescine, spermidine, spermine in the genesis of a number of neurological and oncological diseases. In this aspect the role of the above polyamines will be considered from the qualitatively new positions in the formation of synuclein aggregates in neuronal and tumor cells. Readers will also be provided with very informative information on the role of ACTH in the formation of endocrine and excretory processes in the pancreas. In this aspect, the publications of the employees of the Scientific-research center of our University are of great interest for specialists working in the field of theoretical and clinical endocrinology, which show that ACTH (dose-dependent pathway), in vitro and in vivo, stimulates the release of lipase from acinar cells of the pancreas.

Subsequent issues of our journal will also provide information on new mechanisms that are based on the secretory activity of tissue basophils (mast cells) - in terms of their selective synthesis of a number of biologically active substances, similar in structure and biological activity to hormonal and mediator factors released in the neuroendocrine areas of the brain (epiphysis, thalamus, hypothalamus and pituitary gland).

The editorial board and the Council of "The New Armenian Medical Journal" always adhered to the thesis of close cooperation with foreign scientists, whose activities are not limited only within the framework of studying new biological effects of endogenously produced compounds, but also extends to the study of many integrative functions of the body, based primarily on the associative activity of the endocrine, immune, vascular and reproductive systems.