

## **An Outstanding Ophthalmologist-Scientist and Organizer of Science: to the 100th Anniversary of Academician Zarifa Aliyeva**

### **FOREWORD**

An outstanding ophthalmologist-scientist, founder of the Azerbaijan Scientific School of Ophthalmology, academician Zarifa Aziz gizi Aliyeva (1923-1985), who made a huge contribution to the development of not only domestic, but also world science of ophthalmology. After graduating from the Azerbaijan Medical Institute with honors in 1947 she completed a specialty course in ophthalmology at the Central Institute of Advanced Training for Doctors in Moscow. In 1959, Zarifa Aliyeva defended her PhD dissertation on the topic "The treatment of trachoma with synthomycin in combination with other therapeutic methods" and in 1976, Zarifa Aliyeva defended her doctoral dissertation on "The conditions of the visual organs of employees of a number of chemical enterprises of Azerbaijan" at the Helmholtz Moscow Research Institute of Eye Diseases. In 1979, she was awarded the scientific title of professor by the Higher Attestation Commission under the Cabinet of Ministers of the USSR. In 1983, Professor Zarifa Aliyeva was elected a full member of the Academy of Sciences of the Azerbaijan SSR, taking into account her important achievements in scientific and scientific-organizational activities and personnel training, as well as their socio-economic importance.

The main directions of Zarifa Aliyeva's multifaceted scientific activity were trachoma clinic, physiology of the organ of vision, prevention, diagnosis, and treatment of eye pathologies caused by the effects of occupational diseases, condition of the organ of vision in employees of the chemical industry enterprises, herpetic eye diseases, viral damage to the visual organ, severe viral conjunctivitis, physiological-anatomical characteristics of the hydrodynamic system of the eye, treatment of watery eyes with modern surgical methods, eye diseases during diabetes, therapeutic ophthalmology, basics of iridodiagnostics, glaucoma problems, etc.



The eminent scientist left an indelible mark on the world medical science as the author of about 200 scientific articles, 14 monographs, and 12 effective recommendations related to various areas of ophthalmology.

Zarifa khanim Aliyeva was also an excellent teacher who inspired many generations of students with his enthusiasm and knowledge.

Zarifa Aliyeva's rich scientific heritage and scientific school, her research in various fields of ophthalmology, her important achievements, and the fundamental works she created on the basis of them are bright pages of Azerbaijani medical science. Her ideas increase their relevance over time and make real contributions to people's health by developing relevant fields of science and spreading light to the eyes.

The current issue of the Journal "Life Sciences and Biomedicine" is dedicated to the 100<sup>th</sup> anniversary of academician Zarifa Aliyeva. 21 research and review papers included in this issue were carefully selected by the editorial board and reviewed.

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