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REVIEW

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Academician Ljubomir Berberovic, PhD (1933-2019)

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On February 12th, 2019 passed away academician Ljubomir Berberovic. He was born in Sarajevo in 1933. He studied medicine, biology and philosophy at the universities in Ljubljana and Sarajevo. Graduated in Biology at the Faculty of Philosophy at the University of Sarajevo, in biology in 1958 from the Natural-Mathematics Department. In the same department he was elected assistant in 1959. Since 1961 he has been employed by the Department of Biology at the Faculty of Natural Sciences and Mathematics in Sarajevo. In 1964, Ljubomir Berberovic defended his doctoral dissertation on the topic „The Microevolution of the Species *Eobania Vermiculata* on the Central Adriatic Coast and the Islands”. For an assistant professor on the subject Organic Evolution with Genetics, he was elected in June 1964, for a professor in January 1970 and in a full professor in June 1975. In addition to the Faculty of Natural Sciences and Mathematics, he was a teacher at the subjects of Genetics, Evolution, Anthropology at several other faculties of the University of Sarajevo, including Medical faculty. He was a lecturer at several universities abroad. Academician Ljubo Berberović is the author of a large number of academic and scientific publications from three scientific areas: Genetics Population, with an emphasis on human populations, Karyology and Cytotaxonomy, with an emphasis on studying freshwater fish and the history and philosophy of natural sciences.

In the papers of Professor Berberović about the genetic characteristics of the population of Bosnia and Herzegovina, the results of the study of several phenotypic systems of morphological and biochemical variations of human and group individuals were presented. The papers represent a significant contribution to lightening of some general questions of modern genetics of recent human populations, such as the prob-

lem of the relationship between the degree of reproductive isolation and evolutionary diversification of the population. In his papers, Professor Berberović also presented the results of the study of the character and activity of some evolutionary factors, such as random genetic drifts, which also influenced the more significant human genetics education at the Bosnia and Herzegovina faculties. Original findings from the genetics of human populations encountered favorable reception and considerable interest in the scientific public and are often cited in biomedical literature. Research in the area of population genetics of the population of Bosnia and Herzegovina under the leadership of professor Berberovic has reached an enviable scientific level. Works in the field of cariology and cytotaxonomy of freshwater fish were also pioneering works in this scientific field and were also noticed in the world's scientific public. With his scientific work, together with his associates, Professor Berberovic has made an important contribution to the affirmation of a complex approach to the problems of fish biosynthesis and biosynthesis of the living world in general. They

are highly noted in the scientific and academic community and the works of professor Berberovic in the field of history and philosophy of natural sciences. His essay book „Science and the World“ received a distinguished award from the Soros Open Society Foundation in 1996. He was a active participant as speaker or chair of the session in numerous domestic and foreign scientific conferences.

Academician Berberović also performed a number of social functions: he was the first president of the Society of Geneticists of Bosnia and Herzegovina (1979-1990), vice-president (1979-1980) and president of the Association of Genetic Societies of Yugoslavia (1980-1982). He has served as the rector of the University of Sarajevo from 1985 to 1988. To position of Academy of Sciences and Arts of Bosnia and Herzegovina (ANUBiH) corresponding member was elected

in 1978 and for full member in 1984. He has performed a number of functions at ANUBiH: Secretary of the Department of Natural and Mathematical Sciences of ANUBiH (1990-1995), Chairman of the International Relations Committee of ANUBiH (1984-1985) and Vice President of ANUBiH (1999-2008). As a member of the Montenegrin Academy of Arts and Sciences he was elected in 2006, and as an active member of Academia Scientiarum et Artium Europae in 2007. For the Honorary Doctor of the Grand Valley State University (USA) in 1989 and honorary member of PEN Center Sarajevo. Academician Ljubomir Berberović is the winner of numerous awards for his scientific, professional work and contribution to the society.

Sarajevo, February, 20th, 2019