

**THE ROMANIAN SCIENTIST IN VETERINARY BIOCHEMISTRY,
PROF. L. M. BURUIANA - TO CENTENARY FROM BIRTHDAY
(1904 – 2004)**

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SUMMARY

In this paper is presented the life and science activity of Professor L.M. Buruian , founder of romanian modern biochemistry. He is continued work activity of Academician Radu VI descu. He worked as professor of biochemistry at Faculty of Veterinary Medicine in Bucharest and Arad, between 1926 - 1972. A great number of researches elaborated by L.M. Buruian referred to the determination of the chlorides from milk and to their importance for the diagnosis of mammitis. The determination of some enzymes from milk (phosphatase, peroxidase, nitrate reductase) were proposed by L.M. Buruian as current methods for the control of the pasteurisation of milk, for the determination of the coli titre, and for the discovery of the falsification of milk: the dilution, the alkalization and the addition of some preservation substances. Prof. L.M. Buruian is the pioneer of the spermiology researches in Roumania, founding in this field a school which is recognised all over the world. Many of his collaborators are today in important positions in the field of animal reproduction; for example, the gathering and the preservation of the animal sperm. His studies focuses especially on the influence of the environmental factors and on the determination of the some enzymes (LDH, MDH, the catalase, the peroxydase, the phosphatase, the amylase, the protease, the hialuronidase, etc.).