

First Laureate Fundamental Research - Outstanding Researcher

Project Title: Revival of Traditional Iranian Medicine and a Glance at History of Human and Veterinary Surgery in Iran
Researcher: Prof. Hassan Tajbakhsh, D.M.V, Ph.D
Field: Microbiology and Immunolog
Scientific Affiliation: Tehran University



Biography:

Professor Hassan Tajbakhsh earned his doctorate in Veterinary Medicine from Tehran University, in 1961. He has been Professor at the department of microbiology and immunology, Tehran university, since 1963. In 1967, he obtained his special board degree in immunology and bacteriology from the Pasteur Institute. Professor Hassan Tajbakhsh is known for his precious books written in Persian and English, twenty two books, on microbiology, immunology and medical history (human and veterinary medicine history). He is the author of two hundred articles in Persian and English, in immunology, bacteriology and medical history including human and veterinary medicine history. During his long research career, spanning over many decades, Professor Hassan Tajbakhsh had a deep interest on the ancient Iranian veterinary medicine. He wrote that the veterinary medicine used the same methods and principles of medicine, applying medication, bleeding, cauterization and surgical operations. In the case of incurable diseases, sometimes they resorted to amulets and supplication. In the past, Iranian surgeons were called Ostad (master) and sometimes they performed exceptional surgical operations. There are a few examples on dressing with plaster cast, which should be considered the first report on using plaster, years before the introduction of this technique in Europe.

His research interests were also concerned with the medicine in Iran, in the 19th century despite the introduction of the modern medicine in Iran, traditional surgeons were still working and their performances were great.

Professor Hassan Tajbakhsh in his study says that unlike physicians, Iranian veterinary surgeons were very interested in carrying out minor and major surgeries and had no fear of the probable complications. Some of them were skilled in their job. Iranian veterinary surgeons refer to some surgical treatments including: Treating Lameness and Hoof Tenderness, Osteopathic, orthopedics and dislocations, colitis and ascites.

