



## Improving Biology Lessons - Ibn Sina's Scientific Heritage and its Place in the Development of Science

Tojiboeva Sevara Khairullaevna <sup>1</sup>

**Explanation:** This article highlights the great contribution of the thinker Abu Ali Ibn Sina to the development of science and his scientific legacy. , it is noted that the teachings on human abilities, which are the basis of education, are a methodological source for education.

**Keywords:** science, scientific heritage, teaching, biology, plants, education, development, spirituality, culture, medicine.

Abu Ali ibn Sina is a great scientist who made a great contribution to the development of world science with his scientific works devoted to the field and level of philosophy, logic, chemistry, physics, astronomy, mathematics, music, and linguistics. He made a significant contribution to the development of exactly 29 fields of science as an account of the one who made a turning point in the medical world, a medical expert, a wise philosopher, a great mathematician, an educator, a psychologist, a musician, a great poet. Because Ibn Sina had a great influence on the development of enlightenment and culture in the East and Europe, he was called "Sheikh Ur-Rais", "Chief of Scholars", "King of Physicians".has achieved such high statuses. The book "Laws of Medicine" written by Abu Ali Ibn Sina is becoming a comprehensive book of medicine based on centuries.

I.A. Karimov in May 2014 in Samarkand, when the participants of the conference on the topic "Historical life of medieval scholars and thinkers, their roles and games in the development of modern civilization" spoke about the great wonders, "I will receive the most important file of the Islamic world. The life and work of Abu Ali ibn Sina, who was one of the holders of the title of "one of the thinkers", arouses special feelings of pride and passion in the generations, "We should be proud and proud of our great ancestors. Pride alone is not strength, let's contribute to this priceless heritage like them!" he emphasized.

According to scholars, Ibn Sinoologi, as the owner of such a brilliant output, with his scientific output influenced the writing of the most famous work of the Italian statesman and poet Dante, "The Divine Comedy". A scholar with strong faith, who memorized the Holy Qur'an at the age of 10, is an exemplary school for today's generation. Ibn Sina's truth, which is based on the major tools of the development of religious and secular sciences, is that moral virtues and an ideal society can be achieved in this existing world, and for this, people should live in society based on helping each other, which at first glance seems simple. Today, this decision is extremely clear for ensuring peace and working for the well-being of the people. In addition, in the works of your own moral examples, you can see the most necessary moral relations in people's daily work, such as humility, respect, generosity, honesty, and honesty. The teaching of this human ability, which is the basis of education, is a methodological source for introducing the "Science of Education" to the general education system today.

Abu Ali ibn Sina, a world-renowned scholar, said, "I was the best of those who asked questions" when he remembered his school days. These words inspire our young people to work hard.Conservative in preserving our values, traditions, history, great spirituality and material and cultural life, but conservative in society, but in the development of society, extensive research and

introduction to the scientific knowledge of scholars like Ibn Sino, along with biology lessons, bring the students to reality. It's worth it.

Allo's invaluable fundamental work called "The Laws of Medicine" pre-determined the main directions of development for medical sciences for the next several hundred years. Europe's etc. In almost 500 years of the university, the medical science was studied based on this work. In the painting of Dante's "Divine Comedy", a great representative of the Renaissance, Avicenna is depicted alongside Hippocrates and Gallen under the name of Avicenna. A special image that makes our compatriots proud, Ibn Sina was also wearing during the examination. So, he was known as the genius of geniuses. It is no coincidence that one of the newly discovered stars in the last century was given the name of Abu Ali ibn Sina by astrologers.

Ibn S was also very involved in the research of botanist science, because most of the material medicinal power in medicine is nutrition from plants. At "Annabot" ("Plants") of "Kitab ash-shifa" are types of plants, nutrition, nutrition, plant organs and producers of plants, k itself and growing conditions. , writes h akhida in scientific bhartish, scientific bhartish hakhas itshad terminology causes of diseases, healthy lifestyle, simple medicine and equipment, brain, internal organs and apparatus, conditions of glands, severe course of the disease causes, chronic diseases, tumors, inflammations, joint and bone pains, pains. document preparation, healing issues are covered in detail. For this, together with us, the wealth of the world of Nabotot, in the forests, in the highlands, in the desert regions, various herbs, rich in medicinal plants, Kaid Ethylgan. The fact that Abu Ali ib Sina identified the owners of medicinal properties among these plants is a proof that he contributed to the development of the science of biology. In these textbooks, based on the recommendation of our grandfather, we will talk about the angishvona flower, namatak, and the walnut pod, whose contents have been memorized.

As is the case in all countries, wide-ranging processes are being implemented in the education sector system; special attention is being paid to the provision of the sector and the training of qualified personnel.

As a conclusion, it is important to teach students in the course of biology lessons to preserve our values, traditions, history, great spiritual, material and spiritual heritage, using the scientific heritage and teachings of a scholar like Ibn Sino. , the following recommendations were developed for inculcating the teachings of Ibn Sina in the education of the younger generation:

Organization of in-depth study of the legacy of Abu Ali Ibn Sina, participation in the production of educational programs for schools and universities, organization of works of the great scientist and participation in their publication;

promoting a healthy lifestyle based on the works of the great scientist, publishing books, pamphlets, magazines, opening regular programs on television and radio, establishing the Ibn Sina Museum;

To support the research of Ibn Sina's medical and scientific-spiritual heritage, to study his teachings in science, in particular, to stimulate and coordinate this scientific research of scientists.

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