

An Outlook at the Scientific Life of Iranian and World Scientists (2nd part)

Elnaz Hosseini¹, Mehrnaz Ebrahimi², Parviz Norouzi², Ali A. Moosavi-Movahedi^{*1}

Studying the biographies of great scientists helps a lot in understanding the intellectual path of researchers that can influence their scientific life and research methods. This article studies the biographies of Jaber bin Hayyan (Jaber) and Abu Rihan Biruni, as Iranian scientists and Marie Curie and Nikola Tesla as Western scientists. It is attempted to monitor the moral highlights and their lives as well. Jaber is the name of a Muslim and Iranian chemist. According to him, Alchemy was considered the king of all sciences. He believed the human history is comparable to a huge Alchemy that aims to reach perfection for human.

Abu Rihan Biruni was worldwide Iranian knowledge man and multidimensional figures in science. He was an expert in various sciences such as mathematics, astronomy, calendars, anthropology, historiography, chronology, medicine, and natural sciences.

Marie Curie was the first female scientist to win the Nobel Prize in Radioactivity. She was also the first lady to receive the Nobel Prize in physics and chemistry.

Nikola Tesla had a special genius and talent that made him a mysterious figure in physics and electricity. Tesla's experiments show that he was ahead of the time he lived.

Keywords: Alchemy, Experimental Sciences, Radioactivity, Tesla meter

* Author for Correspondence, Professor, Tel: +982166403957, E-mail: moosavi@ut.ac.ir

¹ Institute of Biochemistry and Biophysics of University of Tehran, Iran

² Center of Excellence in Electrochemistry of University of Tehran, Iran