

# Astronomy and Medicine: Synthesis of Amrita, the Vaccine of Immortality

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## Abstract

The World Health Organization (WHO) defines health as a state of complete physical, mental, social, and spiritual well-being. The WHO definition of health predicts a universal vaccine that can eradicate not only infectious diseases, but all kinds of physical, mental, social, and spiritual diseases. Such a universal vaccine is described in Indian religions. The universal vaccine that can prevent and cure all physical, mental, social, and spiritual disorders and ensure eternal heaven in the world hereafter is called amrita, the vaccine of immortality, in the Indian Holy Scriptures. In ancient India, deities and demons worked together for a millennium to churn the Milky Way galaxy and synthesize the amrita. Bioengineering is the application of the principles of natural sciences and engineering to biology, medicine, and health sciences to develop knowledge, interventions, or technologies that can improve the health of society. This study developed a universal vaccine applying modern astronomical discoveries to medical science with an effect similar to that of amrita described in the Indian Holy Scriptures. This study also identified a new virus, known as the supernatural virus, which is the ultimate cause of all physical, mental, social, and spiritual disorders. Amrita is a recombinant fourth-generation vaccine made up of materials from astronomy and medicine, which will eradicate the supernatural virus and change our sick world into a pious, happier, healthier, and prosperous world like a terrestrial paradise.

**Keywords:** Space exploration • Extra-terrestrial object identification • Bioengineering • Biomedical research • Translational medicine • The vaccine of immortality

## Introduction

In Vedic literature, the deities are benevolent supernatural beings, Indra is their leader. The asuras or demons are supernatural demigods. They are divided into two groups: good and evil. The good asuras are known as adityas, Varuna is their leader. Evil asuras are known as danavas, Vritra is their leader. The demons battle constantly with the deities. Amrita is a drink of the deities, which ensures them immortality, a higher level of knowledge and power [1]. However, they lost this credit due to the curse of the sage Durvasa. In the battles that followed the incident, the deities were defeated and the demons took over the world. The deities sought Lord Vishnu's help, who advised them to churn the cosmic ocean of milk (the Milky Way galaxy) and collect the amrita. According to Indian myth, the deities and demons worked together for a millennium to churn the cosmic ocean of milk (the Milky Way galaxy) and collect the amrita [2, 3].

Mankind has been thinking about the starry night sky since ancient times. The cave dwellers also had many questions about the sky. Of course, the horizon was the limit of their sky [4, 5]. Their question was what is on the other side of the horizon and sky? The Holy Scriptures described the existence of heaven and hell in the extraterrestrial world, which is located on the other side of the horizon and sky [6-8]. In ancient times, religious cosmologies explained the universe based on religious scriptures [9]. According to religious cosmologies, the universe consists of heaven, hell, and earth. Heaven is located in the upper universe near-by the holy throne of God and hell is in the lower universe closer to the earth [10]. In a spherical earth and a spherical universe, the earth is surrounded by hell, and hell is surrounded by heaven [11-13].

Scientific cosmology is the study of the universe with the help of physics and astronomy. Astronomers have been studying the universe since ancient times [14, 15]. In the last century, scientists have achieved great success in space research [16]. By the early 1920s, most astronomers believed that all the stars in the universe were located in the Milky Way galaxy [17]. Edwin Hubble, in 1924, showed that there are many galaxies in the universe beyond the Milky Way galaxy. Since the 1990s, astronomers have improved observation of the deep sky and shown that there are about 200 billion galaxies in the observable universe [18,19]. Milky Way is a typical galaxy in the universe, which contains over 100 billion stars [20]. Stars are giant fiery furnaces of heat and light. Their characteristics can be compared with each other [21-23].

The Sun is a medium-sized star in the Milky Way galaxy. Although the sun is the source of our life, it does not seem that it is shining in the sky for our earthly needs. A very small portion of the heat and light of the sun reaches the earth, and most of the energy radiates to outer space. How is such a huge waste of energy possible for such meagre resources? What is the need for the huge number of stars that are shining in the galaxies like our Sun? These giant fireballs are located in the vast areas of the universe beyond the Earth's atmosphere, where the location of hell is described in the Holy Scriptures. So these huge fires in the sky seem to us to be the fires of hell described in the Holy Scriptures. The Holy Scriptures describe two types of hells in the universe: hot hells and cold hells [24]. The temperature inside a solar mass star is 15 million degrees Celsius. Black holes are so cold that the temperature inside a solar mass black hole is almost absolute zero, -273°C [25]. Scientists have found evidence that supermassive black holes exist at the center of most of the galaxies of the universe.

Comparative study analyzes the similarities and differences between the two groups to understand both groups and generalize the findings. The aim of this study was to provide a critical evaluation of the data available from current astronomical and religious knowledge about the universe and synthesize the amrita. The comparative analysis found that all the stars in the visible galaxies, including the supermassive black holes at the centers of the galaxies, are religious hells. The location and characteristics of hells are identical to the location and characteristics of the huge number of stars and black holes discovered by astronomers. Prophets were not astronomers, so they could not tell the existence of hells in the lower universe and heavens in the upper universe, without receiving a message from Extraterrestrial Intelligence. The Holy Scriptures, which predicted the existence of both hells and heavens in the universe, were revealed to the prophets from Extraterrestrial Intelligence. Therefore, the existence of hells in the lower universe confirms the existence of heavens in the inaccessible upper universe.

In this article, I have reviewed various religious cosmologies and discussed astronomical discoveries which are the foundation of modern scientific cosmology. I proceed then to compare religious cosmologies with modern scientific cosmology. Comparative analysis has shown that all religious cosmologies are identical stories in different cultures and all celestial bodies beyond the Earth's atmosphere are galaxies of hells and heavens described in the Holy Scriptures in ancient times. Finally, integrating this astronomical discovery with medical science, I have synthesized the vaccine of immortality, known as amrita in the Indian Holy Scriptures, which will significantly improve global healthcare and ensure eternal paradise for all in the world hereafter.

## Literature Review

### Religious data

Religious cosmology explains the universe based on the religious scriptures [26]. Religious cosmology divides the universe into the two worlds, this world and the world hereafter. This world is located on the Earth, a very small part of the universe, separated by an atmosphere from the rest of the universe. Earth is the test world, also known as the temporary world, while the rest of the universe is the world hereafter, where eternal heaven and hell are located. Heaven is also called Paradise.

Sometimes, the highest Heaven is called Paradise. Heaven is a world of everlasting happiness for the recompense of the righteous actions on earth, and hell is a world of everlasting punishment for the recompense of the unrighteous actions on earth (Table 1).

Hinduism is one of the most ancient religions probably dating back to prehistoric times. In Hindu cosmology, the Universe, which is made up of Heaven, Hell and Earth, was created by God from a cosmic egg (RV 10.121) [27]. Although the concept of Hell does not exist in early Hindu scriptures such as the Vedas, later Hindu literature, the Puranas, mentions a realm similar to Hell. According to Puranas, there are fourteen extraterrestrial worlds seven upper worlds or heavens, where blissful souls reside after death, and seven lower worlds or hells, where unfortunate souls reside after death [28].

Buddhism was founded by Gautama Buddha in India in the 6th century BC. Classical Buddhism recognizes seven fiery hells. They are situated at the bottom of the world, apparently in descending order, corresponding to the ascending heavens [7]. Each hell is surrounded on two sides by four torture chambers. These include a fiery pit and quinine. There is also a stygian river known as Vaitarani which will have to pass to reach eternal paradise. Buddhist scriptures also describe the existence of eight cold hells and certain short-lived borderline hells for those guilty of lesser sins.

Jainism is a contemporary religion of Buddhism in India. Jainism divides the universe into 3 parts: upper universe, middle universe and lower universe. Upper universe is the world of heavens, middle universe is earth, and lower universe is the world of hells [29].

Zoroastrianism was founded by the Iranian prophet Zoroaster in the 6th century BC. Avesta is the sacred book of Zoroastrianism that contains its cosmology, which stated that the earth is connected with heaven by a bridge known as the Chinvat Bridge [30]. Every person must cross this bridge to enter heaven. If evil deeds prevail, the souls fall down the bridge into hell. The Zoroastrian scriptures describe hell as a place of punishment with blazing fire and bitter cold (Ardā Wirāz nāmag 18:3–4).

Abrahamic religions are the three Middle Eastern religions which originate from Prophet Abraham. The three major Abrahamic religions are Judaism, Christianity and Islam. Abrahamic religions emphasize an afterlife where the soul goes either to heaven or hell. According to early Jewish scriptures, many Jews believe that people after death enter a dark place called Sheol. In later Jewish scriptures, Garden of Eden is the heaven for the reward of the righteous people and Gehenna is the hell for the punishment of the unrighteous people [31]. Jewish Talmud describes two types of Garden of Eden. The first is terrestrial, of abundant fertility and luxuriant vegetation. The second is extraterrestrial; the eternal abode of happiness for the righteous people [32].

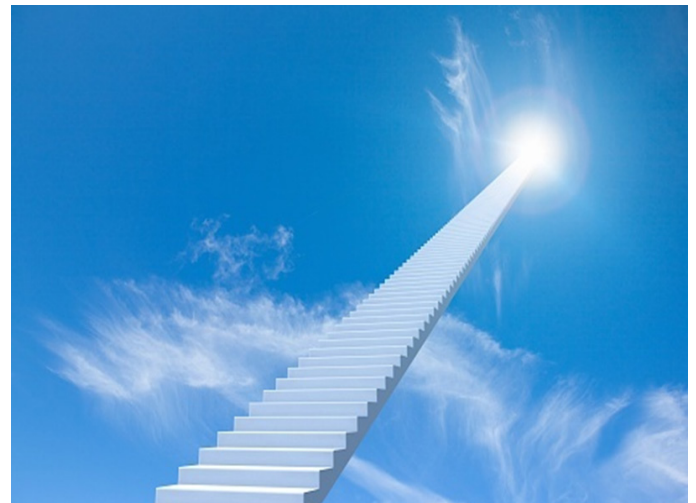
Most Christians believe that heaven and hell are two physical worlds. On the Day of Judgment, Jesus will descend from heaven to earth. He will sit on the glorious throne. Heavenly angels will surround him. The dead will rise from the graves to face judgment. All the nations will be gathered before him. Righteous will be sent to the eternal happiness of heaven and the sinners to the eternal fire of hell (Matthew 25:31-46). A cold hell is also described in early Christian literature [33]. In the *Inferno*, Dante describes a frozen lake in the innermost circle of hell [34]. At the very center of it is the Devil. He is a three-headed beast frozen up to his waist in ice. Each of his mouths chews up another person. In one he has Judas Iscariot who had betrayed Jesus Christ.

**Table 1.** Religious cosmology: Basic facts.

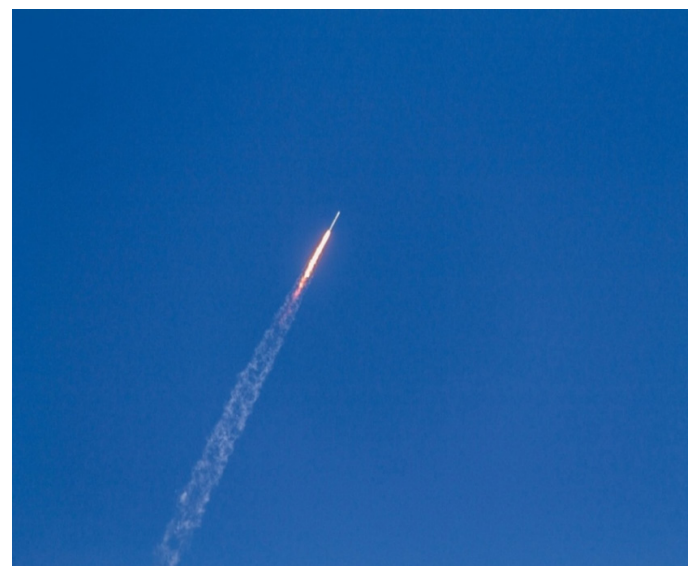
Topics	Religious Cosmology
Source	Religious scriptures
Origin of the universe	God-Created
Structure of the universe	This world and world hereafter
This World	Earth
World Hereafter	Heaven and Hell
Location of heaven	Upper Universe
Location of Hell	Lower Universe
Constituent of heaven	Biological World
Constituent of hell	Burning fire/freezing cold
Fate of the universe	Known
Aim of creation	Known

There are many descriptions of eternal heaven and hell in the Quran and Islamic traditions [6, 7]. Heaven is described as a Garden of Eden where various physical and biological materials exist for eternal pleasure. Hell is described as an eternal dwelling of torment made of blazing fire. A cold hell is also described in the Quran and Hadith called Zamhareer [24]. Hell is also a purgatory where sinful believers will be cleansed of their sins and admitted to heaven [35]. On the Day of Judgment, the earth will be surrounded by hell. A very long bridge will be built over hell extending from earth to heaven. Every person will have to pass this bridge over hell to enter heaven (Quran, 19:68-72; Bukhari, 7437). This scenario of the universe on the Day of Judgment confirms that hell is located in the lower universe adjacent to earth and heaven is in the upper universe much further away from earth. (Figures 1 and 2).

The twentieth century has indeed seen development in all areas of science. After the invention of airplanes, rockets were the second most amazing invention. The invention of the rocket was the first step in space exploration. The big leap in spaceflight was the Apollo 11 Lunar Module on the surface of the Moon. Apollo 11 was launched on July 16, 1969. However, the Quran and Islamic traditions mention the possibility of spaceflight as early as the 7th century. Isra and Miraj are two parts of the night journey into outer space (Quran, 17:1; Bukhari, 349, 3342), which Prophet Muhammad (pbuh) made in one night around the year 621. Prophet Muhammad (pbuh) travels on Buraq to the Masjid al-Aqsa in Jerusalem, where he leads other prophets in prayer. Then he ascends to outer space where he meets with distinguished prophets, visits hell and heaven and converses with God. Prophet Muhammad (pbuh) visited the whole universe in a few minutes of Earth, which can be explained by the time contraction.



**Figure 1.** Stairway to eternal heaven: every person will have to pass a bridge over hell to enter eternal heaven.



**Figure 2.** In ancient religions, a long bridge set over hell or river vaitarani can be compared to a celestial pathway leading to eternal heaven.

## Astronomical data

Our home Earth is the fifth largest planet in the solar system. We know so far Earth is the only place in the universe where life exists. Scientists believe that the earth and moon formed with the rest of the solar system about 4.5 billion years ago. Earth's diameter is about 8000 miles [36]. The sky is a large dome-shaped canopy above the earth. This is also called celestial sphere. In a clear night sky, the celestial sphere is seen decorated with constellations. A constellation is a group of stars that have a particular shape. The International Astronomical Union (IAU) divides the celestial sphere into 88 constellations. Horizon is the line at which the Earth's surface and the sky or celestial sphere appear to meet [37]. As the earth rotates, the Sun, Moon, stars, and constellations rise and set on the horizon. Atmosphere is the layer of gases that surrounds the Earth. The universe beyond the Earth's atmosphere is called outer space, which was unknown to people in ancient times. The Kármán line is the boundary between the earth and outer space, located 62 miles above the earth's surface. All the stars, galaxies, clusters of galaxies, and superclusters are located in outer space [38].

In ancient times, the earth was at the center of the universe and all celestial bodies moved around the earth. Aristotle believed that the earth is fixed at the center of the universe and that the starry sky is the outer limit of the universe, nothing exists outside the sky. In 1543, Copernicus established the heliocentric model of the universe. He said that not the earth but the sun is the center of the universe. All other celestial bodies revolve around the Sun [39]. In 1919, Harlow Shapley showed that the Sun is not located at the center of the universe, but as a member of the Milky Way galaxy it is located 50,000 light-years away from the galactic center. Now, this distance is determined by astronomers at about 26,000 light years. Until 1920, astronomers considered the Milky Way to be the only galaxy in the universe. In 1924, Edwin Hubble showed that the Andromeda is located outside the Milky Way galaxy, and Milky Way is one of many galaxies in the universe. Since the 1990s, the Hubble Space Telescope has made better observations of the galaxies and found about 200 billion galaxies [19] in the universe. The James Webb Space Telescope is the most powerful telescope ever sent to the space. It can see fainter galaxies that are further away. In 2016, a study showed that the total number of galaxies in the observable universe is about 2 trillion, which is 10 times higher than the previous number [40]. Galaxies are clumped together in clusters, which clump further to form superclusters [41-43]. There are about 10 million superclusters in the observable universe. Scientists believe galaxies discovered so far are not more than ten percent of the total galaxies in the universe (Table 2).

Galaxies are systems of huge numbers of stars with interstellar gas and dust. A small galaxy contains about 100,000 stars and a giant galaxy contains 3000 billion stars. As a medium-sized galaxy, the Milky Way contains 200 billion-400 billion stars. The study of stars and their evolution is fundamental to our understanding of the universe. Stars are formed within massive clouds of interstellar gas and dust, which are known as nebulae [44]. In dense nebulae, most of the hydrogen is in molecular form, so these nebulae are called molecular clouds. Due to gravitational collapse, the molecular clouds begin to congregate and form gas masses, and this continues until the center starts nuclear fusion reaction. Protostar is the early stage of star formation. It looks like a star but is not so hot that can fuse hydrogen into helium. When a protostar fuses hydrogen into helium, it is called a main sequence star [45]. Most of the stars in the universe are main sequence stars. The star remains a main sequence for about 90 percent of its life. The Sun is a main sequence star that will remain in this phase for about 10 billion years.

**Table 2.** Scientific cosmology: basic facts.

Topics	Scientific Cosmology
Source	Physics and Astronomy
Origin of the Universe	Big Bang Theory
Structure of the Universe	200 Billion Galaxies
Constituent of Galaxies	Stars and Black Holes
Constituent of Stars	Burning Fire
Constituent of Black Holes	Freezing Cold
Location of Galaxies	Lower Universe
Upper Universe	Unknown
Fate of the Universe	Uncertain
Aim of Creation	Uncertain

There are two processes constantly going on in main sequence stars - thermonuclear fusion and gravitation [46]. When gravitation wins over fusion, the star becomes unstable and begins to collapse. When all hydrogen in the core is converted into helium, the nuclear reactions temporarily cease and the core begins to contract. This increases the internal temperature of the star and a shell of hydrogen forms around the dense core. As the helium core continues to contract and heat up, the rate of nuclear reactions in the hydrogen shell increases. This causes the outer part of the star to expand and cool, increasing in brightness and becoming a red giant star. When all helium in the core is converted into carbon, the inert carbon core begins to contract and the temperature rises. The ultimate fate of a star depends on its mass. Stars below 8 solar masses do not evolve further, as their core temperature will never be high enough to initiate carbon burning to form heavier elements [47]. The star becomes unstable and the star collapses inward due to gravity and becomes extremely dense and compact. The star then becomes a white dwarf and the outer layers become a planetary nebula. Stars larger than 8 solar masses become red supergiants [48]. A red supergiant can continuously fuse heavier elements for millions of years until its core is filled with iron. The iron core cannot produce enough energy to support the stellar mass, which breaks down the equilibrium between nuclear fusion and gravitation. As a result, the stellar core collapses and the outer layers explode as a huge supernova. When the collapsing stellar core at the center of a supernova is smaller than three solar masses, the collapse continues until electrons and protons combine to form neutrons. At this stage, neutron pressure can stop the core from collapsing and the star becomes a neutron star [49]. These neutron stars rotate rapidly with intense magnetic fields and form pulsars. If the collapsing stellar core is larger than three solar masses, the neutron pressure is not strong enough to withstand gravity and it will collapse into a black hole [50, 51]. Black holes are extremely dense objects where all the mass of the star is concentrated in a single point. Their gravitational force is so strong that even light cannot escape.

Black holes can grow in size, absorbing the surrounding matter and merging with other black holes. Supermassive black holes can have millions to billions of solar masses. Scientists found evidence that large galaxies have supermassive black holes at their centers [52, 53]. Stellar black holes can have 10 solar masses to 100 solar masses. Smaller black holes also exist in galaxies with the mass of a mountain. The temperature of black holes is much lower than the background temperature, so they emit absolutely no radiation [54]. Supermassive black holes can shine with the energy of billions of stars when they become quasars, consuming hot gas and dust from surrounding regions [55]. Quasars are the most curious objects in the universe. The current theory is that quasars are active galactic centers powered by supermassive black holes of billions of solar masses. The temperature of a quasar can exceed 10 trillion degrees Celsius [56].

Scientific cosmology is the study of the origin, evolution, and ultimate fate of the universe. Scientific cosmology is founded on the results of the study of astronomy. Scientific cosmology is considered to have begun in 1917 with the publication of Albert Einstein's general theory of relativity and his static model of the spherical universe [57,58]. Later modeling of the universe explored the possibility of an expanding universe. Thus, the Big Bang theory was proposed by a Belgian physicist Georges Lemaitre in 1927, which was corroborated by Edwin Hubble's discovery of the red shift in 1929, and then by the discovery of the Cosmic Microwave Background Radiation in 1964 [16, 59]. In modern cosmology, the Big Bang is the principal theory that explains the origin of the universe. However, much of what we know about the earliest times of the universe is still a matter of extensive speculation [60-62].

About 13.8 billion years ago, the universe began with a massive explosion of an extremely dense primordial atom. All matter and energy was contained in this highly dense atom at a temperature of  $10^{32}$ °K. Immediately after the explosion of primordial atom, the universe was extremely hot due to the rushing of particles of matter and antimatter. When it began to cool, about  $10^{-43}$  sec after the explosion, there were roughly equal but disproportionate amounts of matter and antimatter. They collide together and destroy each other to produce pure energy. The particles of matter dominated the particles of antimatter. As the universe continued to expand and hence cool, ordinary particles such as quarks, neutrinos, photons, and electrons began to form. These particles are collectively known as baryons. Due to the intense heat during the period of baryonic genesis, heavy particles such as protons and neutrons, called hadrons, were not

detectable. After one second the universe expanded and cooled down to about  $10^{10}$  °K, at this period heavy particles began to appear. Although lighter particles such as neutrinos, photons, and electrons, called leptons, were also existed, they could not react with hadrons at these temperatures. However, leptons soon combine with hadrons in an alliance to form today's ordinary matter. After about 100 seconds, the temperature dropped to about  $10^9$  degrees Kelvin. At this temperature a proton and a neutron combined to form an isotope of hydrogen, called deuterium. Then two protons and a neutron combined to form an isotope of helium, and then another neutron joined to form the nucleus of helium. This process continued for about 1000 seconds and then discontinued when temperature dropped to  $10^8$  degrees Kelvin that was not hot enough for nuclear fusion reactions to continue. For the next million years the universe expanded and cooled down until temperature dropped to 3000°K when protons captured electrons in the orbitals to form hydrogen atoms. After about 1 billion years of the massive explosion of primordial singularity, which we called the Big Bang, everything was made of gas and dust, mostly of hydrogen and helium molecules. These gaseous matters progressively concentrated by gravitational forces to make stars, galaxies, clusters of galaxies, and superclusters.

How the universe began and what was the force behind the Big Bang is still a mystery. However, the universe is a collection of active elements and all are in the process of change. Change requires an external force. Newtonian mechanics states, "Everybody remains in a state of rest or uniform motion unless it is acted upon by an external force." The ultimate fate of the universe is still unknown. Most observations suggest that the universe will continue to expand forever [63, 64]. The prevailing theory is that galaxies will exhaust their energy and the universe will cool down, resulting in a Great Chill.

### Comparative study

Comparative research is the comparison of two or more groups to identify similarities and differences between groups and generalize the findings. The comparative study of mythology was very popular among scholars in the 18th and 19th centuries. Many scholars believed that all myths originated from a single thought, which over time became distorted into seemingly different stories [65, 66]. Social scientists have shown that religious stories and myths are almost identical in different cultures [67].

In this study, we have found that religious cosmologies are almost identical stories in different cultures (Table 3). They have been developed from a single thought, which over time became distorted, turning into seemingly diverse stories in different religions and cultures. We have found a striking similarity in the cosmological terms used in different religious scriptures indicating that all religious cosmologies originated from a single source through spiritual methods such as meditation, intuition and revelation, and the same cosmology was presented in different forms in different cultures.

Social scientists have several views on the interpretation of the meaning of religious myths in different cultures [68, 69]. The first view sees myth as the primitive counterpart to natural science, which reflects the nineteenth-century approach to myth. The second view does not see myth as the primitive counterpart to natural science but as something like

folklore or fairy tale. This view reflects the twentieth-century approach to myth. The twenty-first-century approach to myth is that myths are accepted only if they are compatible with modern science. In this study, religious cosmologies were examined in the light of modern science, which has found that religious heaven and hell are no longer just religious beliefs or myths. They are compatible with modern science.

### Discovery of Hell and Paradise in the Universe

According to religious cosmologies, the universe consists of hell, heaven, and earth. In ancient times, with the concept of a flat earth, hell was located in the lower universe, and heaven in the upper universe in comparison to an observer on earth. Now with the concept of a spherical earth and a spherical universe [11], hell is located in the lower universe all around the earth and heaven is in the upper universe all around the hell (Figure 3). The universe beyond the Earth's atmosphere is called the extraterrestrial world, where religious heaven and hell are located. Therefore, religious heaven and hell are two extraterrestrial objects that can be studied under the domain of astronomy.

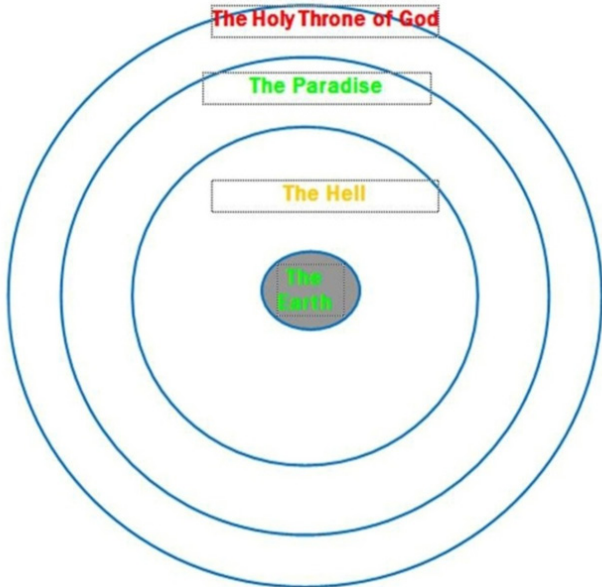
The Sun, Moon, stars, and planets all are extraterrestrial objects. Since the seventh century, Islamic scholars have been recognizing the sun as a hell (Bukhari, 533-537). In the 16th century, Giordano Bruno proposed that the stars were other suns [70]. In 1838, Friedrich Bessel measured the parallax of the star 61 Cygni and proved that the stars are far away from the atmosphere and that they are all suns [71]. In the 20<sup>th</sup> century with the advent of improved technology, it was proven that other stars were similar to our sun. Now, it is understood that there are about 200 billion galaxies of stars in the observable universe and the rest of the universe is unknown to mankind (Figure 4).

Among the huge number of stars in the universe, the Sun is a medium-sized star having a volume about 1.3 million times that of the Earth. It is very difficult to understand from earth how big and terrible the sun or stars of the sky are [72-74]. The surface temperature of the sun is 6,000°C. The core temperature of the sun is 15 million degrees Celsius. Excessive heat inside the sun causes nuclear fusion reactions [75]. It combines four hydrogen atoms to form helium. During this process, some matter is converted into energy. One kilogram of hydrogen produces 992 grams of helium and the excess mass is converted into energy, which is utilized in converting more hydrogen into helium. For 5 billion years, every second 600 million tons of hydrogen is being converted into energy. This fusion reaction will continue until one-tenth of the sun's hydrogen is converted to helium [76]. The Sun will need another 5 billion years to reach this state [77]. Other stars in the sky are undergoing the same process as the Sun. Therefore, all the stars in the visible galaxies of the universe are made of hellish fire.

According to religious cosmologies, in a spherical earth and a spherical universe, the earth is surrounded by hell, and hell is surrounded by heaven (Figure 3). At present, all around the earth, astronomers have found billions of galaxies of stars made of hellish fire. The location of stars in the universe and their characteristics are surprisingly identical to the location and characteristics of the religious hells (Figures 3-5 and Table 4). Therefore, the sun and sun-like stars in the galaxies, clusters of

Table 3. Comparison of religious cosmologies.

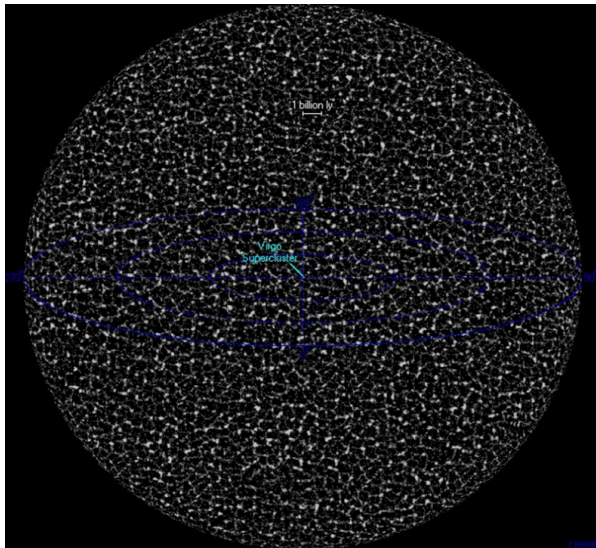
Topics	Hindu Cosmology	Buddhist Cosmology	Jain Cosmology	Zoroastrian Cosmology	Jewish Cosmology	Christian Cosmology	Islamic Cosmology
Source	Hinduism	Buddhism	Jainism	Zoroastrianism	Judaism	Christianity	Islam
Origin of the Universe	God created	Unknown	Unknown	God created	God created	God created	God created
Structure of the Universe	This world and world hereafter	This world and world hereafter	This world and world hereafter	This world and world hereafter	This world and world hereafter	This world and world hereafter	This world and world hereafter
This world	Earth	Earth	Earth	Earth	Earth	Earth	Earth
World Hereafter	Heaven and Hell	Heaven and Hell	Heaven and Hell	Heaven and Hell	Heaven and Hell	Heaven and Hell	Heaven and Hell
Location of Heaven	Upper Universe	Upper Universe	Upper Universe	Upper Universe	Upper Universe	Upper Universe	Upper Universe
Location of Hell	Lower Universe	Lower Universe	Lower Universe	Lower Universe	Lower Universe	Lower Universe	Lower Universe
Constituent of Heaven	Biological World	Biological World	Biological World	Biological World	Biological World	Biological World	Biological World
Constituent of Hell	Burning Fire	Burning Fire/ Freezing Cold	Burning Fire	Burning Fire/ Freezing Cold	Burning Fire	Burning Fire/ Freezing Cold	Burning Fire/ Freezing Cold
Fate of the Universe	Known	Known	Known	Known	Known	Known	Known
Aim of Creation	Known	Known	Known	Known	Known	Known	Known



**Figure 3.** Location of religious objects in the universe. Hell is located in the lower universe and heaven in the upper universe in comparison to an observer on Earth. In a spherical earth and a spherical universe, the earth is surrounded by hell, and hell is surrounded by heaven.

**Table 4.** Comparison between Scientific and Religious Cosmology.

Topics	Scientific Cosmology	Religious Cosmology
Source	Physics and Astronomy	Religious Scriptures
Origin of the Universe	Big Bang Theory	Command of God
Structure of the Universe	200 Billion Galaxies	Earth, Heaven and Hell
Location of Heaven	Unknown	Upper Universe
Location of Hell	Unknown	Lower Universe
Constituent of Heaven	Unknown	Biological World
Constituent of Hell	Unknown	Burning Fire/Freezing Cold
Location of Galaxies	Lower Universe	Lower Universe
Constituent of Galaxies	Stars and Black Holes	Hells
Constituent of Stars	Burning Fire	Hot Hells
Constituent of Black Holes	Freezing Cold	Cold Hells
Fate of the Universe	Uncertain	Known
Aim of Creation	Uncertain	Known

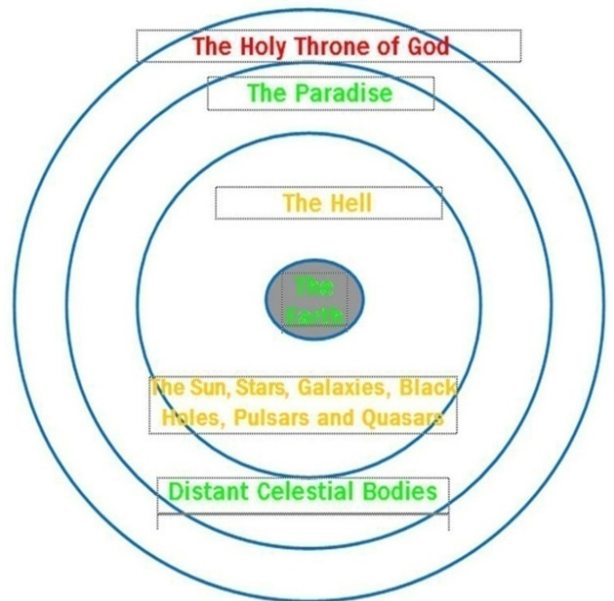


**Figure 4.** Location of extraterrestrial objects: The universe within 15 billion light-years from the Earth. In this picture, clusters of galaxies are seen in the lower universe all around the Virgo cluster, which is the home to the Earth.

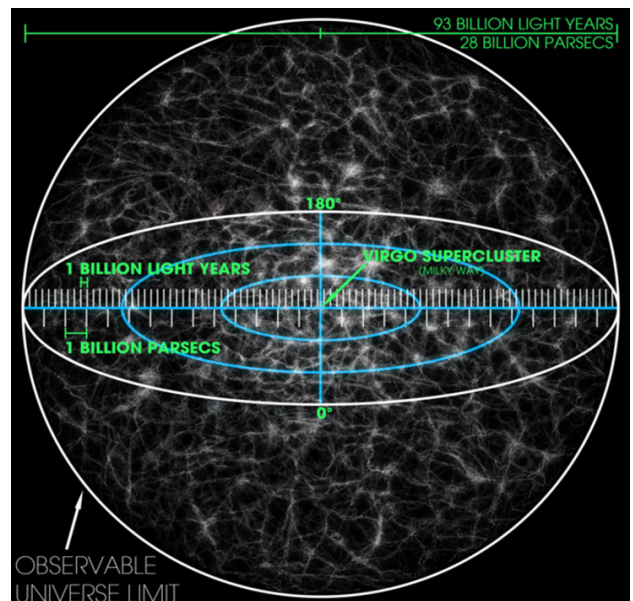
galaxies and the superclusters, which are located around the earth in the region of hells, all are hells.

In 1916, Albert Einstein predicted the existence of black holes in the universe in his general theory of relativity [78, 79]. In 1965, Roger Penrose showed that black hole formation is a strong prediction of the general theory of relativity [80]. In the early nineties, observing high proper-motion stars near the center of the Milky Way galaxy, astronomers found evidence of an invisible supermassive black hole at the galactic center [81, 82], and in 2019, scientists obtained the first image of a supermassive black hole of about 6.5 billion solar masses at the center of the M87 galaxy [83], which confirms the existence of black holes in the universe. Black holes have existed in the galaxies since the beginning of the universe [84]. The temperature of a supermassive black hole with millions of solar masses is only  $1.4 \times 10^{-14}^{\circ}\text{K}$  [25, 85]. Black holes are so cold that they resemble the extremely cold hells described in the Holy Scriptures. Quasars are the most energetic and hottest objects in the galactic centers, which can be compared to the extremely hot hells described in the Holy Scriptures.

From the scientific point of view, the existence of Heaven and Hell in the universe is a religious myth or hypothesis proposed by the prophets in ancient times. Through the scientific study of the universe, religious



**Figure 5.** Comparative location of religious and extraterrestrial objects. All stars in the visible galaxies, including the black holes, are located in the region of hells in the lower universe all around the earth.



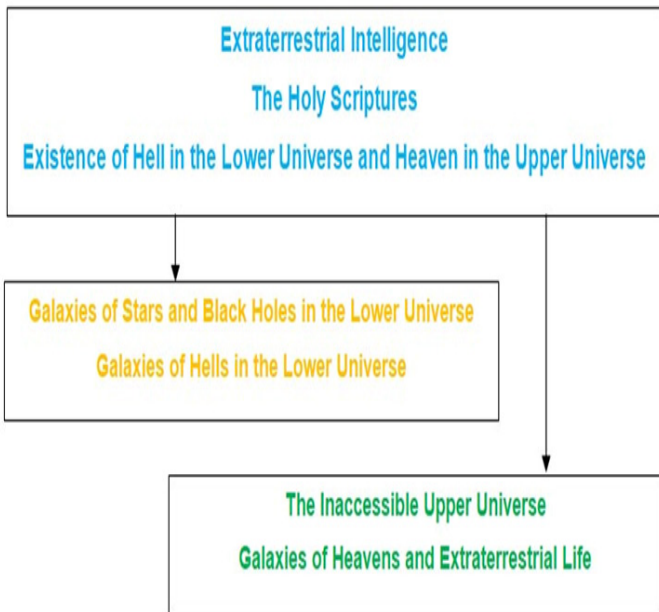
**Figure 6.** The range of the visible Mega Hell. The fine grains are collection of many superclusters. The Virgo Supercluster home to the earth is marked in the center.

Hell is now discovered in the universe making that myth or hypothesis a scientific fact [86]. All the stars, quasars, and black holes in the visible galaxies of the universe are now identified as religious hells. The Hubble Space Telescope [87], and later on New Horizons space probe provided evidence that at least 200 billion galaxies of hells are now discovered in the observable universe [88].

The galaxies of hells are clumped together in groups, clusters and superclusters that are held together by gravity as one spherical Mega Hell all around the Earth. Galaxy groups are much smaller than galaxy clusters. The Local Group of galaxies contains our Milky Way galaxy along with Andromeda and Triangulum galaxies [89]. Galaxy clusters contain thousands of galaxies of hells. Famous galaxy clusters are the Virgo Cluster, the Fornax Cluster and the Hercules Cluster. Superclusters contain 3 clusters to 10 clusters of hells. About 10 million superclusters of hells are visible in the spherical Mega Hell that has been discovered around the earth (Figures 4, 6). With the expansion of the universe, the comoving distance between two objects remains constant, but proper distance changes. The comoving distance between the Earth and the peripheral edge of the visible spherical Mega Hell is about 46.5 billion light-years. The diameter of this visible spherical Mega Hell is about 93 billion light years [90] (Figure 6).

Observation of galaxies of hells in the lower universe is a sure sign of the existence of galaxies of heavens in the inaccessible upper universe [like a positive Murphy's sign in medical science that confirms the existence of an inflamed gall bladder in the inaccessible deep abdomen palpating the surface of the abdomen[91]. All the stars, black holes and quasars in the lower universe are now identified as religious hells. Religious hells are now under continuous observation by thousands of telescopes from all around the world. It was impossible for the people of ancient times to know about the existence of galaxies of hells in the universe beyond the Earth's atmosphere, without the intervention of Extraterrestrial Intelligence. It was not only Hell; the existence of both Heaven and Hell in the universe was predicted by the Holy Scriptures in ancient times. The Holy Scriptures were written and compiled in ancient times based on messages from Extraterrestrial Intelligence. Therefore, observation of hells in the lower universe confirms the existence of heavens in the inaccessible upper universe (Figures 7- 9).

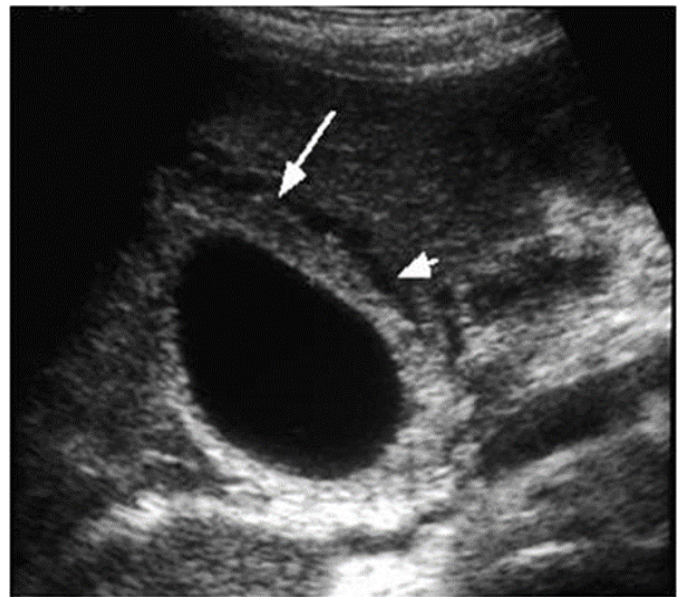
Scientific cosmology as a branch of astronomy is concerned with the study of the universe as a whole while astronomy deals with individual celestial bodies. Religious cosmology explains the origin, evolution, and ultimate fate of the universe on the basis of religious scriptures. Astronomers today have made so many great discoveries to understand the nature of the universe, but still, they have not been able to determine the purpose of the creation of the celestial bodies and the ultimate fate of the universe. Religious scholars also did not evaluate astronomical



**Figure 7.** The Holy Scriptures predicted the existence of hells in the lower universe and heavens in the upper universe. Observation of hells in the lower universe confirms the existence of heavens and extraterrestrial life in the inaccessible upper universe (like a positive Murphy's sign in medical science).



**Figure 8.** Murphy's sign is a medical technique during examination of a patient for abdominal pain. It is useful for the diagnosis of acute cholecystitis. Gall bladder is a bile containing organ lies in the deep abdomen. Acute inflammation of gall bladder is called acute cholecystitis. Acute cholecystitis is suspected when a patient present with fever and pain in the right upper abdomen. Murphy's sign is shown by asking the patient to take a deep breath while palpating the right upper abdomen. If pain with inspiratory arrest occurs, Murphy's sign is positive [92].



**Figure 9.** The ultrasound findings of a positive Murphy's sign: marked thickening of the gall bladder wall (arrow) with fluid surrounding the distended gall bladder (arrowhead). Courtesy: Jonathan Kruskal, MD.

discoveries in the light of the Holy Scriptures. According to religious cosmology, the universe consists of hell, heaven, and earth. Although Albert Einstein constructed a spherical model of the universe in 1917 through his theory of relativity, he showed neither hell nor paradise in the universe [93]. This study identified all the visible galaxies of stars in the universe as the galaxies of religious hells, which are created to recompense the earthly actions of mankind.

In the past, however, the prophets and messengers of God did not directly say that the stars and constellations are hells. Because, in ancient times, people thought of the celestial bodies as different sizes of lamps in the sky. Therefore, they did not say directly against the common notion that the stars and constellations are hells. Prophets and messengers of God spoke in harmony with the common sense and the intelligence of the people [94]. Their purpose was to establish God's law and order in society. For this reason, they did not make statements that could disrupt their original purpose and that could be considered ridiculous by the people. In ancient times, to describe celestial bodies such as the stars and constellations as hells, which were known to people as different sizes of lamps in the sky, was considered ridiculous and bizarre.

At present, at least 200 billion galaxies of stars can be observed in the universe. Each galaxy contains hundreds of billions of stars. Among this huge number of stars, the sun is a medium-sized star 1.3 million times larger than the Earth, whose core temperature is about 15 million degrees Kelvin. Now, to call the celestial bodies such as the stars and galaxies hells would not be considered ridiculous and bizarre. Because after hundreds of years of investigation, scientists found that the celestial bodies are not lamps of various sizes in the sky, rather most of them are giant fireballs "hells" scattered throughout billions of galaxies in the universe beyond the Earth's atmosphere, which is now unanimously accepted by the people all over the world. The Holy Scriptures predicted the existence of "hells" in the lower universe and "heavens" in the upper universe. The existence of "galaxies of hells" in the lower universe confirms the existence of "galaxies of heavens" in the inaccessible upper universe. Now, it is the unanimous decision of religion and science that all celestial bodies in outer space are "galaxies of hells and heavens" created to recompense the earthly actions of mankind.

Almost all religious scriptures teach people about the immortality of the soul and the physical resurrection after death. On the Day of Resurrection, God will recompense the earthly actions of mankind. The existence of heavens and hells in the universe confirms the Day of Resurrection, the Day of Recompense, and the eternity of human life. Billions of years of life in the heavens and hells are considered eternal life in the Holy Scriptures (Daniel, 12: 2-3; Quran, 11:107-108). Ozone depletion and global warming could wipe out all life from the Earth to begin the resurrection and judgment. After the judgment, the righteous will pass a very long celestial path safely over Mega Hell to enter Heaven. The unrighteous can never pass through this path and will remain in Hell forever.

Today, most scientists believe that the universe began with the Big Bang of an infinitely dense primordial object. Change in any being requires an external force. Beyond the primordial singularity, there was a force that started the Big Bang. The discovery of galaxies of hells and heavens in the universe confirms the existence of a creator God, who started the Big Bang and is still active in moving the galaxies in our vast universe.

### Diagnosis of supernatural virus

In medical practice, the aim of the treatment of a disease is to establish an aetiological diagnosis to find out the cause and achieve a cure. There are several theories for the causation of disease in the world. The main theories of causation of disease are supernatural theory, germ theory, and multi-factorial theory. Supernatural theory is the oldest theory of causation of disease in the world [95, 96]. According to this theory, a supernatural virus, also known as a malevolent demon, invades the human body, disrupts the purpose of life and spiritual health by fallacious arguments and evil suggestions that leads people to a delusional lifestyle and behaviour, alters the dynamic equilibrium between man and the environment and causes all physical, mental, and social disorders, national, international and inter-religious conflicts and wars in the world. The germ theory and multi-factorial theory can be explained under the supernatural theory of disease. Supernatural virus activates the germs and factors for the causation of disease leading people to a delusional lifestyle and behavior. Most of the people of the world today have been infected by the supernatural virus. The HIV disaster, corona virus disaster, and the Russian invasion of Ukraine with the possibility of a nuclear disaster and the third world war, is a complication of chronic infection by the supernatural virus.

In the Holy Scriptures, the supernatural virus is known as an evil spirit. Human being possessed by this evil spirit acquires a delusional lifestyle and behaviour, loses the ability to enter the eternal paradise and progresses to a dangerous punishment in the hell fire. This evil spirit is traditionally identified as the serpent (Figure 10), who deceived Adam and Eve in the "Garden of Eden" to eat the forbidden fruit (Genesis 3:4-5). In Judaism, the supernatural virus is seen as a metaphor for evil tendencies. In Christianity, the supernatural virus is seen as a fallen angel, who once was pious and beautiful, but rebelled against God. In Christianity, this virus is sometimes called Lucifer, which tempts people to sin by following their lower desires [97].

In Zoroastrian religion, Ahura Mazda is the benevolent spirit lives in light and knowledge, and Angra Mainyu is the malevolent spirit lives in darkness and ignorance [98]. In Indian religion, the evil spirits and demons are known as asuras. Asuras are described as omnipresent beings that constantly push people to sin [99].



**Figure 10.** The serpent has been a symbol of the Supernatural Virus (SNV), the evil spirit, demon or devil, in the Holy Scriptures and Health Sciences since ancient times. This symbol is also used today by the World Health Organization (WHO) and physicians all over the world.

The asuras of Indian religions resemble the Islamic notion of jinn. In the Quran, Devil appears to be an angel, but it came from jinn (Quran, 18: 50). Devil and his offspring are the sworn enemies of mankind. They lie in wait everywhere in the world to attack mankind (Quran, 7:16-22). Their activities are extensively described in the Holy Scriptures. They deviate people from the right path through deceptions, evil suggestions, and applying evil forces. They materialize their plans in collaboration with their followers in humans. Humans are the carriers of the supernatural virus (Quran, 6:112-113, 128), which can be compared to mosquitoes and flies (Matthew 12:24-27, Luke 11:15).

Jinn is an Arabic word, whose primary meaning is "to hide" [100]. The demons, asuras, or jinns are invisible to any kind of microscope, but their manifestations are so obvious by which religious scholars confirm their existence. They can be compared to black holes which can never be seen physically as the physical universe is just the electromagnetic phenomena, whereas black holes, demons, asuras, or jinns have no electromagnetic properties to be visible through electromagnetic wave of light. A black hole is a place in the universe where gravity pulls so strong that even light cannot get out. The gravity is so strong matter is squeezed into a tiny space. Because no light can get out, people cannot see black holes as well as demons, asuras, or jinns. Circumstantial evidence confirms the existence of black holes as well as demons, asuras, or jinns. The discovery of religious hells and heavens in the universe is a confirmatory evidence for the existence of invisible demons, asuras, or jinns. Almost all religious scriptures mention that demons, asuras, or jinns are working all over the world to mislead people from the path of heaven to hell. The people who are possessed by the malevolent demons, asuras, or jinns become their property and companions in hell.

Demonic possession is a belief that a supernatural virus or demon can control a person's actions by producing a false spirituality with fallacious arguments and evil suggestions. Exorcism is the practice of evicting demons from a person or territory that is believed to be possessed [101, 102]. The first pair of man and woman was created from the soil with a mechanism that has not been described in the Holy Scriptures. Having arisen from the soil, they lived in the Garden of Eden or a terrestrial paradise. Devil possessed Adam and Eve and expelled them from that paradise (Genesis, 3:5-7; Quran, 2:35-36). Devil is a demon, who has now possessed the children of Adam all over the world (Figure 11). This is a massive demonic possession [103, 104]. Modern astronomy can evict the massive demonic possession in the following mechanism to restore the Garden of Eden or a terrestrial paradise all over the world.

### Synthesis of Amrita, the Vaccine of Immortality

Mankind has been thinking about the universe since ancient times. Now, astronomers have discovered approximately 200 billion galaxies of stars in the universe. A typical galaxy contains hundreds



**Figure 11.** The global distribution of supernatural virus. The whole world is under the threat of a supernatural virus. Most of the people are infected by this virus. This is a massive demonic possession.

of billions of stars. All the stars in the galaxies are now identified as the religious hells predicted by prophets in ancient times. Scientists have found many burning processes in these hells for the punishment of malevolent demons and their followers. There are two main processes in stars that burn hydrogen fuel to produce energy: proton-proton chain reactions and carbon-nitrogen-oxygen cycle [105, 106]. In lower mass stars, core temperature reaches about 15 million degrees Kelvin to start proton-proton chain reactions. When all hydrogen in the core is converted into helium, nuclear fusion reactions stop and the helium core begins to contract. When core temperature and pressure reach high enough, helium begins to burn into carbon. When all helium is converted into carbon, the carbon core continues to contract but the temperature and pressure never reach high enough to burn the carbon. In higher-mass stars, the contracting core will reach a temperature of about 100 million degrees Kelvin to burn the carbon. When all the carbon is burned in the core, neon burning occurs that creates a new core of oxygen, neon, sodium and magnesium. After neon burning is complete, the star reaches a temperature high enough to burn the oxygen. Silicon burning is the last step in higher mass stars. This follows the previous steps of hydrogen burning, helium burning, carbon burning, neon burning, and oxygen burning processes. Silicon burning begins when the core temperature reaches about 3.5 billion degrees Kelvin. In massive and older stars that have produced iron in their cores, no further fusion is possible. The star collapses and explodes as a type II supernova [107]. In a type II supernova, core temperatures can reach 100 billion degrees Kelvin [108].

Stars are so hot that the temperature inside the stars ranges from 15 million degrees to 100 billion degrees Celsius according to their mass and stage of evolution. Quasars are the most luminous and hottest objects in the universe. Black holes are the darkest and coldest objects in the universe. Scientists measured the temperature of the quasar core which could be hotter than 10 trillion degrees Celsius. Black holes are so cold that the temperature inside a supermassive black hole is almost absolute zero,  $-273^{\circ}\text{C}$  [109, 110]. All these stars, quasars, and black holes are now identified as religious hells. Religious hells are now visible in the universe in thousands of telescopes from all around the world, which invalidated all the deceiving arguments and evil suggestions posed by demons for a demonic lifestyle and behaviour. Now, it will not be possible for any human being in the world to accept the penalty of a demonic lifestyle and behaviour in the burning fire of hells or the extreme cold of hells that has been discovered by astronomers in the universe [111]. Therefore, the discovery of hells in the near universe that also confirms the existence of eternal heavens in the inaccessible upper universe will activate mankind to a normal lifestyle and behaviour based on the "Universal Religion" explained in the Gita, Bible, Tripitaka and Quran to enter the eternal paradise and escape the hellfire that might evict the massive demonic possession, resolve national, international, and inter-religious conflicts and wars, and change our sick world into a pious and prosperous world like a terrestrial paradise (Figure 12) [112, 113].

This universal therapy, which has been produced by the prophets and astronomers for thousands of years of exploration of the cosmos, can be designed as a universal vaccine or a behavioral intervention. In Indian mythology, this universal vaccine is known as amrita, which was produced in ancient India by the deities and demons for thousands of years of exploration of the Milky Way galaxy [2, 3]. The universal vaccine that can



**Figure 12.** Modern astronomy can treat the current global epidemic of supernatural virus and massive demonic possession to restore the Garden of Eden or terrestrial paradise all over the world.

prevent and cure all physical, mental, social and spiritual disorders and ensure eternal heaven in the world hereafter is called amrita in the Indian Holy Scriptures [1]. This Indian myth of amrita has now become compatible with modern science for the exploration of galaxies by the astronomers [68], which the World Health Organization (WHO) can implement all over the world. In 1948, the World Health Organization defined health as a state of complete physical, mental, and social well-being. Recently this definition has been amended by a fourth dimension of health called spiritual health [114, 115]. The WHO definition of health has founded a strong base for a universal vaccine like amrita that can eradicate not only infectious diseases, but all kinds of physical, mental, social, and spiritual diseases. Understanding the purpose of life is called spiritual health. Physical, mental, and social health directly depends upon the purpose of life and spiritual health [116, 117]. Amrita is the common ground of astronomy and medicine that shows the existence of hell and paradise in the universe to stimulate the cognitive and affective centers of the human brain and correct the purpose of life. The cognitive and affective centers are concerned with the intellectual ability of the human mind to come to correct conclusions about what is actually true and what is false. Cognitive behavioural therapy is a form of psychological intervention that can solve problems by changing the way of thinking and behaviour [118, 119].

Vaccines are antigenic materials that provide active immunity against a specific virus. Vaccines that are prepared from whole pathogens - attenuated or inactivated are called first-generation vaccines. Second-generation vaccines are prepared from specific protein components isolated from the pathogens to reduce risks and side effects. Bioengineering is the application of engineering concepts to biology, medicine and health sciences to provide effective solutions to biological, medical and healthcare problems [120,121]. DNA and RNA vaccines are genetically engineered third generation vaccines that induce host cells to produce antigenic proteins, which the body recognizes as non-self and produce protective antibodies. Amrita is a bioengineered fourth generation vaccine, which induces central nervous system to produce intellectual immunity against the supernatural virus. First, second and third generation vaccines are constructed on the specificity of antigen-idiotype binding. As a fourth-generation vaccine, amrita is constructed on the specificity of receptor-ligand binding [122]. Hell and Paradise are two religious objects recently discovered in outer space that will block the cognitive and affective centers of the human brain for the supernatural virus. The supernatural virus injects a false instruction to the human brain that there exists neither hell nor paradise in the universe, which misleads people to an abnormal lifestyle and behaviour.

In the case of third-generation vaccines, a genetic message or instruction is injected into the body of an individual through a recombinant DNA or messenger RNA. The creation of recombinant vectors containing DNA fragments is termed a genomic library. The genomic library is a permanent source of DNA sequence of interest. These DNA sequences can be used as a message or instruction for the production of vaccine or antibody against the specific virus [123]. As a bioengineered fourth-generation vaccine, amrita will inject a cosmic message or instruction (as a permanent mass vaccination programme) to the entire population of the world that the religious hell and paradise exist in the universe, which will stimulate the cognitive and affective centers of the human brain to produce intellectual immunity against the supernatural virus.



DNA and RNA vaccines are recombinant vaccines, because they are made up of material from two different species. Amrita is also a recombinant vaccine; it is made up of material from two different fields of knowledge. First, second and third generation vaccines are traditional vaccines that give protection against specific diseases [124]. Amrita is a universal vaccine that gives protection against the supernatural virus, which is the ultimate cause of all physical, mental, social and spiritual disorders. Prophylactic vaccines are administered to healthy individuals to prevent disease. Therapeutic vaccines are used after infection occurs to alter the course of the disease. Amrita is a prophylactic as well as a therapeutic vaccine against the supernatural virus. Although amrita was predicted in ancient Indian religious scriptures, this does not mean that it is a religious vaccine. In ancient times, science was taught in religious institutions.

First-generation live-attenuated vaccines contain a large variety of pathogens, which have all the pathogenic properties of the main organisms and are attenuated under laboratory conditions. They are the most potent vaccines for the prevention, control, and even eradication of diseases due to their strong antibody and cellular responses [125]. They have long-term safety and do not require a booster dose. Although amrita is a fourth-generation vaccine, it will act as a live attenuated vaccine to produce an overwhelming immune response against the supernatural virus. The religious hell and paradise are two real and live materials in outer space, but their real effect has been concealed from the Earth. Amrita will translate a cosmic signal all over the world (like the North Pole Star that translates a cosmic signal to guide navigators to the right path) that the religious hell and paradise exist in the universe to produce an overwhelming immune response against the supernatural virus, which misleads people to an abnormal lifestyle and behaviour and causes all physical, mental, social, and spiritual disorders, national, international, and inter-religious conflicts and wars in the world.

The Russian invasion of Ukraine, with the possibility of a nuclear disaster and a third world war, is an incident caused by the supernatural virus, as it is described in the Indian Holy Scriptures [2, 3]. If there is a nuclear war, most of the world's population will be destroyed, because the after effects of war can be more dangerous. The survivors of nuclear war will be exposed to radiation. All crops grown and stored will also be poisoned by radiation. Therefore, the survivors of a nuclear war will be very sick, hungry, crippled, and homeless [126]. It might be better to die than live in a nuclear war. It is still good for mankind to try to live in harmony with each other. Amrita will send a cosmic signal all over the world that the religious hells and heavens exist in the universe, which will re-spiritualize the entire population of the world, eradicate the supernatural virus and its human carriers, and unite all the nations into one all-embracing faith to remain safe from the hellfire and enter the eternal paradise that can stop the threat of a nuclear disaster and the third world war.

Cosmic rays are high-energy protons and atomic nuclei that are blamed for physical ailments and electronic problems. Earth's magnetic field and atmosphere protect people from cosmic rays. The typical daily dose of radiation received by the average person living on Earth is 10 microsieverts. A dose of 1 sievert of cosmic rays is associated with a 5.5% increase in cancer risk [127]. However, amrita is a cosmic signal to the whole world in a message that the religious hells and heavens exist in the universe, which can be imparted without the use of any physical agent on the human body. Therefore, it has no adverse effects. The concept of a "universal vaccine" or a "magic bullet" that can eliminate all physical, mental, social, and spiritual diseases without harming the host, now becomes a reality with the synthesis of amrita [128-130].

## Conclusion

Heaven and Hell are two extraterrestrial objects predicted in the Holy Scriptures in ancient times. This study identified the existence of religious hells in the universe with the help of astronomical investigations. The comparative analysis found that all the stars, including the black holes, in the visible galaxies of the universe, are religious hells. The Holy Scriptures predicted the existence of hells in the lower universe and heavens in the upper universe. The discovery of hells in the lower universe confirms the existence of heavens and extraterrestrial life in the inaccessible upper universe.

For most of the time in human history, the lack of scientific knowledge about the universe has been a major cause of the missed diagnosis of religion and the origin of so many delusional lifestyles and behaviours

that have given rise to many serious complications in the world. This study confirms the message of the prophets that the hells and heavens are awaiting in outer space for the recompense of the earthly actions of mankind. Therefore, the findings of this study will activate mankind to a normal lifestyle and behaviour based on the "Universal Religion" described in the Holy Scriptures to remain safe from the hellfire and enter the eternal paradise that can change our sick world into a pious and prosperous world like a terrestrial paradise.

Bioengineering is a discipline that applies principles of physical sciences to biological systems and biomedical technologies. Biomedical research transforms the latest scientific discoveries into new technologies and treatments to improve the health of society. This study synthesized a hybrid vaccine applying modern astronomical discoveries to medical science, which is known as amrita, the vaccine of immortality, in the Indian Holy Scriptures. This study also identified a new virus, known as the supernatural virus which is the ultimate cause of all physical, mental, social, and spiritual disorders. Most of the people of the world today have been infected by this supernatural virus. This is called a massive demonic possession. Amrita is a prophylactic as well as a therapeutic vaccine against the supernatural virus.

Today, scientists are trying to make this world a healthy planet through their work. The Discovery Channel has listed 100 discoveries as the big or greatest discoveries that changed science, history, and the world. However, scientists are not working to solve the problems of the world hereafter. Without addressing the supernatural virus and massive demonic possession, the problems of this world and the world hereafter could not be resolved. The vaccine of immortality amrita, which has been synthesized applying modern astronomical discoveries to medical science, can defeat the supernatural virus, evict the massive demonic possession, and stop the threat of a nuclear war and the third world war. Amrita can also change our sick world into a Garden of Eden or terrestrial paradise, liberate mankind from the hellfire, and ensure health for all in this world and eternal paradise in the world hereafter. Therefore, amrita is the most wonderful and biggest scientific discovery in the history of mankind.

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The author declares that he has no financial or personal relationship which may have inappropriately influenced him in writing this article.

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