



“Coronavirus without Spike Proteins, respectively Mechanism of Christoph’s Quantum Nano-scale Irradiation-Emission or Evaporation of Coronavirus Sars-Cov-2-19 by Plasmalyses Coronavirus without Infection Spike Proteins and without Filling Hydrophile Micells of Phospholipidic Membranes of Cellular Wall”

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ABSTRACT

Since the Discovery of the structure (space-conformal) significance of α -helix and the double helix of DNA, in April 1953, in the paper from 25th April 1953 by Francis Crick and James D. Watson, which were published super significant paper focused on this theme, win the Nobel Prize for Medicine and Physiology in 1962. In this 900 words text in the super journal Nature coauthored by Maurice Wilkins, the real discoveries of the structure of DNA were Rosalind Elsie Franklin, so-called DNA’s dark lady, who died only 37 years of Cancer of ovaria. The Really Heroes of Great Scientific Discoveries are namely these, which are in the background, like Grey Eminence, who often gave for Science all, unfortunately, health, freedom, happiness, and their fragile life. The First Analytical method of sequential replication of DNA by method PCR (Polymerase Chain Reaction) was invented by Nobel Prize Winner in 1993 Kary Mullis with M. Smith. The PCR analytical method contributed to the invention of discovery of genetics scissors, and molecular scalpel – the new method of gene editing with a rather unwieldy name CRISPR-Cas 9-based gene editing research at the nanoscale, can do based on DNA sequencing and switch genes off or an insertion. The Nobel Prize in Chemistry in 2020 has finally been awarded to Emmanuelle Charpentier and Jennifer Doudna. Thanks to these genetics-analytical discoveries the whole of Mankind was salvation from Biological Lethal Weapons SARS-Cov2-19 and many mutational virions escaped intentionally or randomized from Biohazard boxes in the biological laboratories or contaminated Nature (Antarctica, Siberia, Aral Sea, Wu-chan) and may be caused by the Warming Global Climate. The same significance as Mullis, Doudna, and Charpentier was the scientific work of Prof. RNDr. Antonín Holy, Dr.Sc., Dr.HC., who discovered virostatics on Cancer of Human papillomavirus (HPV) Vaccine Gardasil 9 and Cervarix, AIDS resp. HIV, Hepatitide and also Coronavirus. The

newest message from the current world coronavirus situation is the project of spike protein vaccine Novavax financially and scientifically supported by the Melinda and Bill Gates Foundation.

Keywords: Virion, DNA-RNA structure, PCR, Spike protein, T-lymphocytes, MHC, Quantum tunneling of DNA and RNA virions, Christoph’s virion irradiation, α -helix, double helix, Novavax-spike protein vaccines, virostatics based on Foscarnet (CH₃O₅P)

INTRODUCTION

This submitted paper is focused on new highlights of research of coronavirus SARS-Cov-2-19, and dangerous DNA, RNA viruses, Cancer, HPV (Human Papillomavirus), oncovirus, TNF (Tumor Factor Necrosis), retroviruses, adenoviruses, hepatitides by described mechanisms of M.Sc. Christoph’s which are effective in an elimination resp. apoptosis, quantum evaporation, and irradiation of viruses by MHC (Major Histocompatibility Complex) T-lymphocytes phagocytosis and plasmolyzes of vacuole and contractile vacuoles [1].

The first is the most significant antibiotics (virostatics) based on Foscarnet molecule and many important organic molecules and metal clusters and MOFs ((Metal-Organic Frameworks) for virus detection) and many nano-scale molecules important against viruses/virions and importance of T-lymphocytes for the fight to oncogenes, Cancer and HIV (resp. AIDS) (Figure 1).

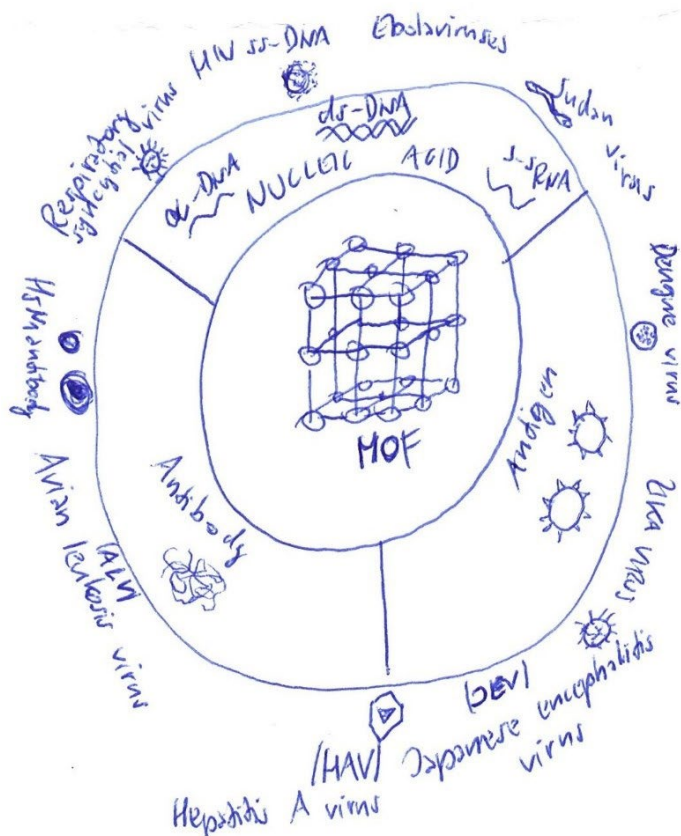


Figure 1 MOF's according to Science direct.com (Metal-Organic Frameworks)

Highlights

Virions are nano software of almost of Biological weapons and lethal medicinal agents, or biological entities with nucleolus DNA (nano hardware)⇒resp. software of cell and RNA nanoscale of hardware trigger protein⇒genetic nanoscale reaction⇒creation of spike trigger protein of MHC response (Figure 2).

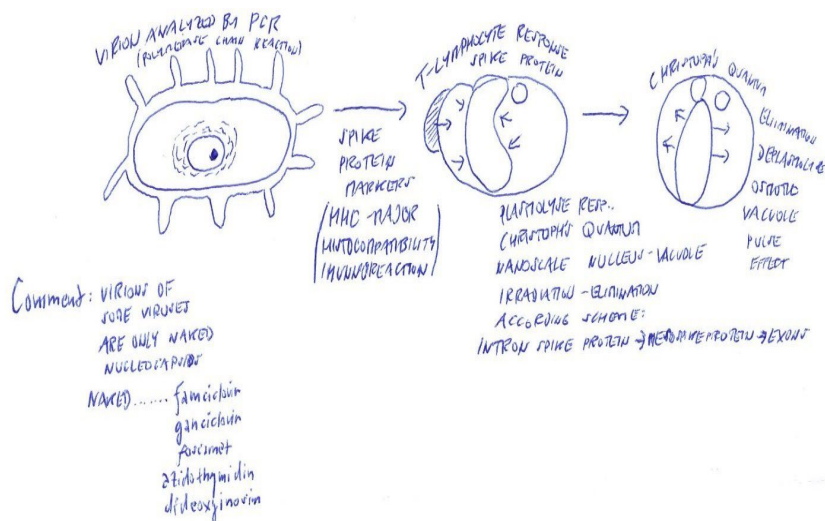


Figure 2 Christoph's elimination resp. quantum irradiation of virions

New studies suggest that DNA and RNA mutations could arise from an unknown resp. a strange quantum mechanical effect is known as quantum tunneling and quantum dots. Quantum tunneling could manage random DNA and RNA virions agent mutations, says a new study (Figure 3- 5).

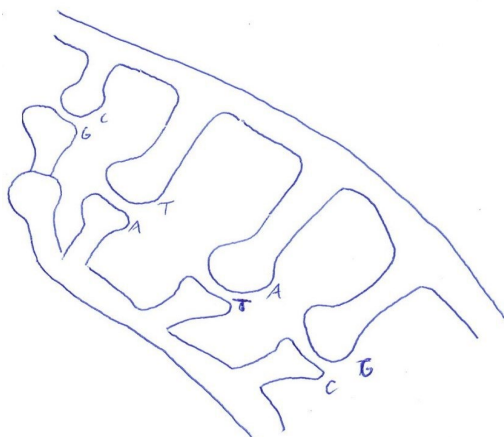


Figure 3 Amplification of DNA at PCR

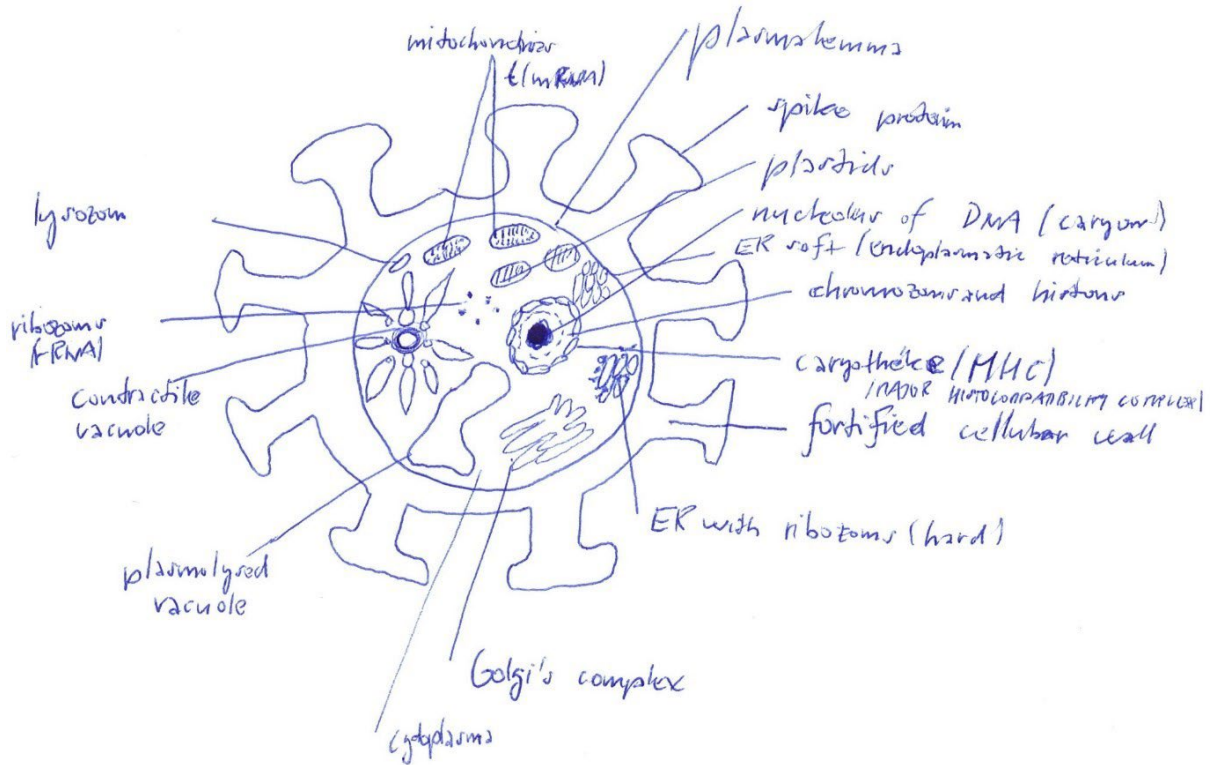


Figure 4 Situation on plasmolyzed and plasmolyze eucaryotic cell with Corona spike protein cellular wall

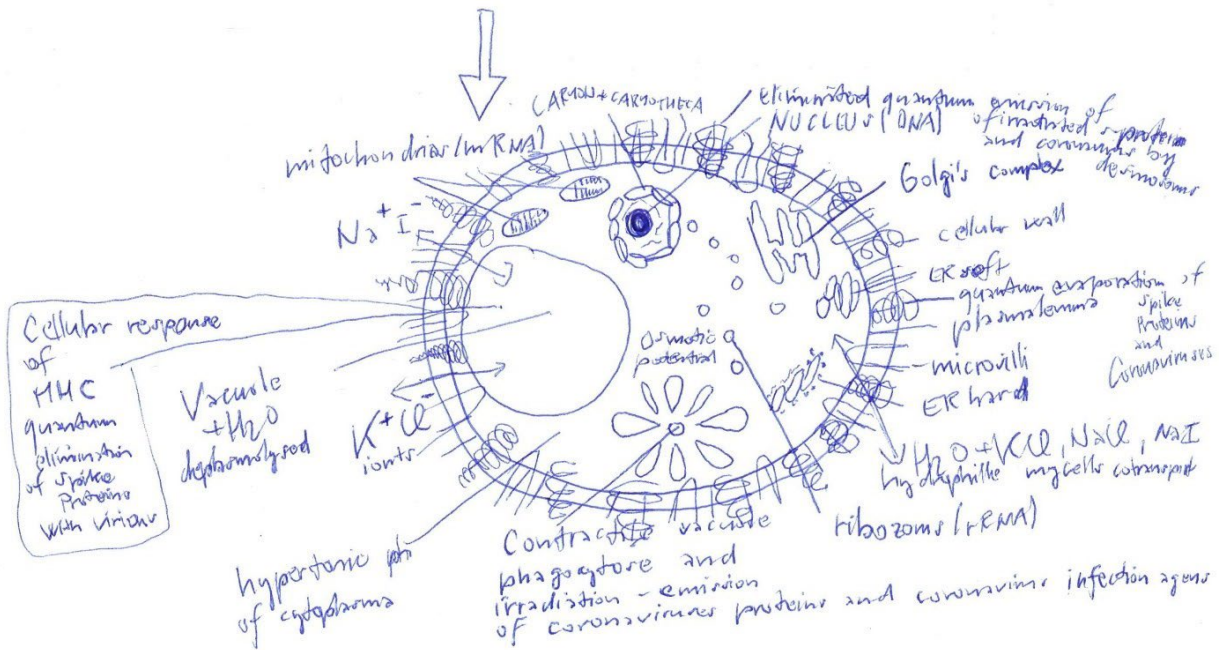


Figure 5 Coronavirus without filling hydrophile micelles of phospholipid membrane or cellular wall (Christoph's cell metabolism mechanism)

METHODS

PCR (Polymerase Chain Reaction)

A cheap and fast method to create unlimited infinity a number of copies of DNA from one original fiber.

Kary Banks MULLIS, Ph.D.

(*28.12.1944 Lenoir, Northern Carolina, 7.8.2019 Newport Beach, California, U.S.A.)

Nobel Prize Winner in 1993 with M. Smith for Chemistry, for his work in molecular Biology resp. Genetics.

Was an American chemist and enterpriser. Alma Mater Georgian Technical Institute and California University at Berkeley. In the year 1983 scientist K. Mullis from Cetus Corporation demonstrate PCR as a method of copying and synthesis of DNA (Figure 6).



Figure 6 Gairdner Foundation Karry B. Mullis

The creation of millions of copies of sequences of DNA is enough for only a several few hours. PCR is used in Basic Research in Molecular Biology.

Principle of PCR

The whole process is situated in Thermocycler with the addition of thermostable Bacteria *Thermus aquaticus* Taq polymerase and cycles of denaturation and amplification [2].

Denaturation: The fiber of DNA is based on: Denaturation and Amplification of DNA protein at temperatures above +79°C. Denaturation is possibly considered irreversible and creates a density cluster of DNA.

Amplification: is based on opening (deletion) initiation-replication-insertion-deletion-termination.

Protein helicase: is an enzyme(protein) that is moving along phosphodiesterase bounds nucleic acid and replicates/amplificated.

A-helix: into two isolated fibers.

In processes of cell life of DNA-RNA are:

Replication, Transcription, Recombination of DNA, Reparation of damaged DNA, Termination.

Termination is DNA-RNA hybrid fiber.

History of Research and Discoveries of the Structure of DNA

In the super-known paper from 25th April 1953, which was published in the super journal Nature, the text included 900 words by two colleagues from Cambridge (Figure 7).



Figure 7 Francis C. Crick

Sir Francis Harry Compton Crick

(8.6.1916 Holmfield Way, G.B.-28.7.2004 San Diego, California, U.S.A.) was a British molecular biologist and physicist who, which together with James Dewey Watson and Maurice Wilkins win a Nobel Prize in 1962 for Physiology and Medicine for Structure of DNA by a method The Roentgen Crystallography.

Paradox is, that the first, who discovered the structure of DNA was called DNA'S Dark Lady-physicist and biologist Rosalind Elsie Franklin, who died only 37 years of Cancer of ovaria, most contributed to the discovery of the structure of the double helix because she without safety coat stand up and working before X rays [3].



Figure 8 James Watson

James Dewey Watson

(*6.4.1928 Chicago, U.S.A.) is an American biologist, geneticist, and zoologist, in 1953 co-authored with F. Crick's academic paper with an explanation of the structure α -helix of DNA, was awarded. The Nobel Prize in 1962 in Physiology and Medicine (Figure 8).



Figure 9 Maurice Wilkins

Maurice Hugh Frederick Wilkins

(*15. 12. 1916 Pongarua, New Zealand-5. 10. 2004 London, Great Britain)

British molecular biologist came from New Zealand, a Researcher of phosphorescence, radars, and separation of isotopes, Röntgen Diffraction, Scientist, who contributed to the research of structure DNA, The Third Man of The Discovery of DNA, Nobel Prize Winner 1962 (Figure 9).



Figure 10 Rosalind Franklin

Rosalind Elsie Franklin

(*25.7.1920, London, G.B.-16.4.1958 Chelsea, London, G.B.)

Was an English biophysicist, chemist, and biologist, known for works on Röntgen Crystallography for the study of DNA, RNA, virions, coal, carbon, and graphite. British scientist best known for her contribution to the discovery of the molecular structure of deoxyribonucleic acid (DNA), a constituent of chromosomes that serve to encode genetic information by alleles and the genes (Figure 10).

Types of Coronavirus and Size of Vaccines

Coronaviruses reach the largest size about 120 nm (nanometers). Their genome included 30 000 bases, which is the most almost between known RNA viruses with non-segmentation genom.

The main sort of vaccines and nucleolus acids:

- Weakness or inactive vaccine iRNA (information RNA).
- (France-Austria) Valneva.
- Vaccines based on mRNA (messenger RNA).
- A vaccine based on rRNA (ribosomal Ribonucleic Acids).
- A vaccine based on virion carrier tRNA (transfer RNA'S).
- Vaccines based on enzyme-proteins (based on spike protein and their MHC (major histocompatibility complex) and mof's (metal-organic frameworks) and their response immunomarkers.

Retroviral RNA ANALYSES with Mit. RNAs (mitochondrial RNAs) are a new trigger of the immune system. Micro RNA (mi RNA's) regulators of other genes [4-6].

DNA Varieties

- cp DNA (chloroplast DNA) he DNA (hemoglobin DNA)

- NR-DNA (nuclear ribosomal DNA) mit DNA (mitochondrial DNA) dh DNA (double helix DNA)
- ds (double-stranded DNA)
- α DNA (α -helix DNA)
- ss DNA (single-stranded DNA)
- Structure of DNA and RNA (Figure 11)

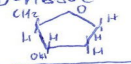
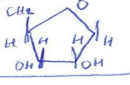


	DNA	RNA
Function	Repository of genes (Genetic information)	Involved in enzymes and protein synthesis and gene regulation carrier of genetic transcription information in some viruses
Acid	Deoxyribonucleic Acid	Ribonucleic Acid
Sugar	2-Deoxy-D-ribose 	Ribose 
Structure	Double helix Double stranded Sugar-Ribose Phosphate	Usually Single stranded Sugar Ribose Phosphate
NUCLEO-BASES According Principle of Complementarity	C, T, A, G Cytosine, Thymine Adenine, Guanine	C, U, A, G Cytosine, Uracil, Adenine, Guanine
Spatial Conformal Structure of Nucleic Acids	 BASE PAIR	 SINGLE STRANDED NUCLEOBASE SUGAR PHOSPHATE

Figure 11 DNA and RNA

Adenoviruses

Adenoviruses are a group of nucleic acids (57 N.A.) serotypes of viruses, which can exist for example circulation virions, coated (enveloped) of the cells attacked by a virion, like self-infection units, crystals of the virus (Figure 12) [7].

Sources: Drip infection, alimentary way, sexual contact infection, contamination for example by water or other liquid.

Example: fowl adenoviruses (FAV), (FAV 1-12) (Ornithoviruses, Aviadenoviruses).

Cause: wide range of symptoms like bronchitis and pneumonia, diarrhea, pink eyes, and bladder infections.

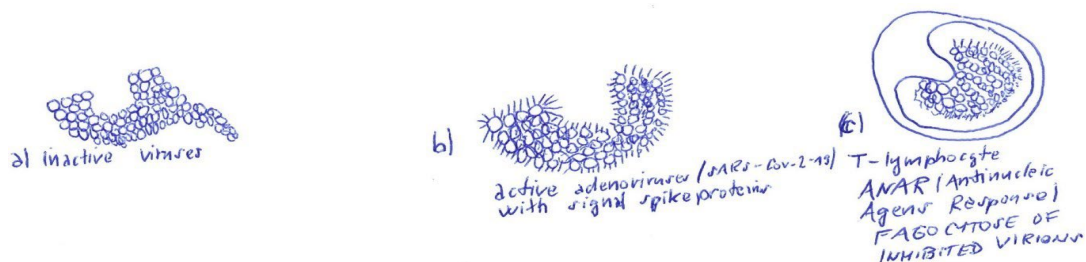


Figure 12 Author's Scheme of inactivation coronaviruses, respectively principle of Christoph's elimination coronavirus effect

Type of Nucleic Acids

dsDNA (double-stranded DNA)

ssDNA (single-stranded DNA)

Oncogene

Genes with the ability to change of nucleus and structure of alleles of infected cells, so-called additive genes, and oncogenic virions produced tumors with factor TNF α (Tumor Necrosis Factor of Cancer) [8-10]. The Excellent Researcher of oncogenes and Guanine quadruplexes in the RNA genome and antiviral target in “virus biology” is Prof. RNDr. Michaela Vorlickova, Dr.Sc., from Biophysical Institute of CAS (Czech Academy of Sciences), CZ, Brno City, Kralovopolska Street 135, 612 65 Brno. The founder of this Research Institute was Akademik Prof. RNDr. MUDr. Ferdinand Hercik, Dr. Sc. (*7. 5. 1905-20. 1. 1966, Brno), also a founder of “Radiobiology” and “Quantum Biology”.

Extraordinary Significant Scientists were Prof. RNDr. Antonin Holy, Dr. Sc., Dr. hc. (*1. 9. 1936 Praha, CZ-16. 7. 2012 Praha, CZ), one of the best scientists of the 20th/21st Century. He is discovering many Antivirotics applied during the treatment of HIV/AIDS, hepatitis type B, and herpes Antiherpeticum virions [5,11].

The “Scientific Children” of Prof. A. Holy, Dr.Sc., and Dr. hc. are Atripla, Complera, Eviplera, Hepsera, Truvada, Cidofovir (Vistide), Tenofovir-disoproxil, Adefovir dipivoxil, Prevention. These, in the principle of inhibition DNA virostatics are based on foscarnet (Figure 13) [12].

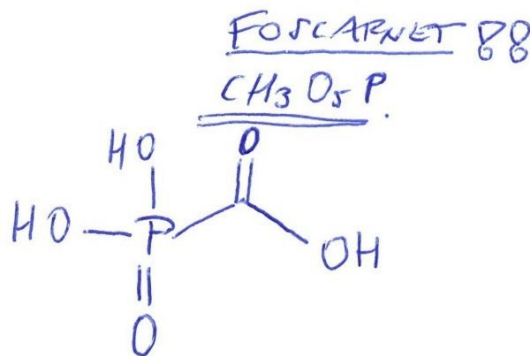


Figure 13 Foscarnet chemical formula

CONCLUSION

This paper should be known to the students of universities, and Academic workers and All interested persons in The Natural Sciences, exactly Biology, Genetics, Molecular Biology, and Quantum Biology and Medicine, with situations of research dangerous viruses, applied like lethal weapons, biological weapons, extraterrestrial viruses, and new dangerous genetic-mutations of viruses.

Quinta Analytica L.T.D (Lachema) Brno are laboratories, which will develop a new vaccine against AIDS, Cancer, and Coronaviruses, were created with analytical and laboratory equipment, in the Area of Pharmaceutical gigant

Lachema Brno a.s., Brno Reckovice, CZ. Like a pharmaceutical service spin-off, that offers a wide range of pharmaceutical products and analyses.

DECLARATIONS

Conflict of Interest

The authors declared no potential conflicts of interest with respect to the research, authorship, and/or publication of this article.

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REFERENCES

- [1] Franklin, Rosalind E., and Raymond G. Gosling. "Molecular configuration in sodium thymonucleate." *Nature*, Vol. 171, 1953, pp. 740-41.
- [2] Franklin, Rosalind E., and Raymond George Gosling. "Evidence for 2-chain helix in crystalline structure of sodium deoxyribonucleate." *Nature*, Vol. 172, 1953, pp. 156-57.
- [3] Lewis, Myrisha S. "How Analogizing Socio-Legal Responses to Organ Transplantation Can Further the Legalization of Reproductive Genetic Innovation." *SMU Law Review*, Vol. 74, 2021, p. 665.
- [4] Innis, Michael A., et al. "DNA sequencing with *Thermus aquaticus* DNA polymerase and direct sequencing of polymerase chain reaction-amplified DNA." *Proceedings of the National Academy of Sciences*, Vol. 85, No. 24, 1988, pp. 9436-40.
- [5] Innis, Michael A., et al. "DNA sequencing with *Thermus aquaticus* DNA polymerase and direct sequencing of polymerase chain reaction-amplified DNA." *Proceedings of the National Academy of Sciences*, Vol. 85, No. 24, 1988, pp. 9436-40.
- [6] Mullis, Kary B. "The unusual origin of the polymerase chain reaction." *Scientific American*, Vol. 262, No. 4, 1990, pp. 56-65.
- [7] Pauling, Linus, and Robert B. Corey. "A proposed structure for the nucleic acids." *Proceedings of the National Academy of Sciences*, Vol. 39, No. 2, 1953, pp. 84-97.
- [8] Holoubek, Jiří, et al. "Guanine quadruplexes in the RNA genome of the tick-borne encephalitis virus: their role as a new antiviral target and in virus biology." *Nucleic Acids Research*, Vol. 50, No. 8, 2022, pp. 4574-4600.

- [9] Watson, James D., and Francis HC Crick. "Molecular structure of nucleic acids: a structure for deoxyribose nucleic acid." *Nature*, Vol. 171, No. 4356, 1953, pp. 737-38.
- [10] Hirling, Harald, et al. "RNA helicase activity associated with the human p68 protein." *Nature*, Vol. 339, No. 6225, 1989, pp. 562-64.
- [11] Wilkins, M. H. F., and J. T. Randall. "Biochim et Biophysic." *Acta*, Vol. 10, 1953, p. 192.
- [12] Zhang, Lin, et al. "Whole genome amplification from a single cell: implications for genetic analysis." *Proceedings of the National Academy of Sciences*, Vol. 89, No. 13, 1992, pp. 5847-51.