

Vocational
School of
Health Services

100
TÜRKİYE CUMHURİYETİ'NİN YÜZÜNCÜ YILI

VSHS

MONTHLY
NEWS AND EVENTS
E-JOURNAL

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Vocational
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Health Services



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ABOUT US

MISSION

Our purpose is to become experienced and productive in the health sector while staying committed to ethical and moral values and being able to produce science-based knowledge by serving the welfare of society. Our mission is to make efforts that add value to our homeland by researching, questioning, and working for the development of science and by educating self-confident individuals who will bring pride to our homeland.

VISION

Our vision is to become a health-related educational establishment equipped to work in medicine, compatible with the rapidly evolving scientific community and is open to growth and development.



HISTORY

Istanbul Gelisim University, Vocational School of Health Sciences was proposed at the General Assembly of Higher Education on September 12th, 2013 and ever since then VSHS has been providing education and training services for 40 programs (24 regular education, 16 secondary education) with 24 classrooms, 19 laboratories-workshops, and 134 academic staff; per subparagraph (d) of paragraph 2 of Article 7 of Law No. 2547.

ACHIEVEMENTS

IGU continues to maintain its place in the top 4!



International Success from IGU: 5 academicians were included in the list of "World's Most Influential Scientists"!



IGU is on the top in Webometrics World University Rankings!



SCImago 2024 results: IGU in the top 5 in research!



RUR 2024 results announced: IGU has risen 23 places in the overall ranking!



IGU is among the best universities in Europe!

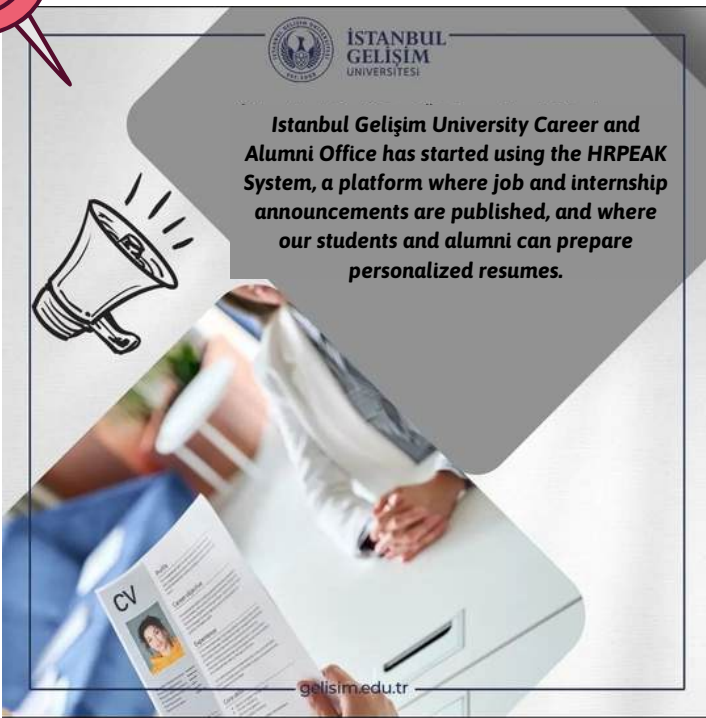




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NEWS AND ANNOUNCEMENTS



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NEWS AND ANNOUNCEMENTS



The Graduate Tracking System (METSIS) has been established by Istanbul Gelişim University to monitor the current status of our alumni in terms of employment and post-graduation studies, as well as to generate statistical data. The institution established METSIS to improve ties with alumni and assist with job placement.

Graduates can sign up for a free membership at (<https://metsis.gelisim.edu.tr/>) and can update their profiles and follow job postings.



How do I become a member of METSIS?

1. Log in to metsis.gelisim.edu.tr platform.
2. Follow job announcements from the 'Open Positions' section.
3. Create an account from the 'New Candidate' section to apply for job announcements.
4. After creating your account, you can view job announcements from the 'Announcements' tab and apply for suitable positions.

Job finding platform

For any questions



metsis.gelisim.edu.tr

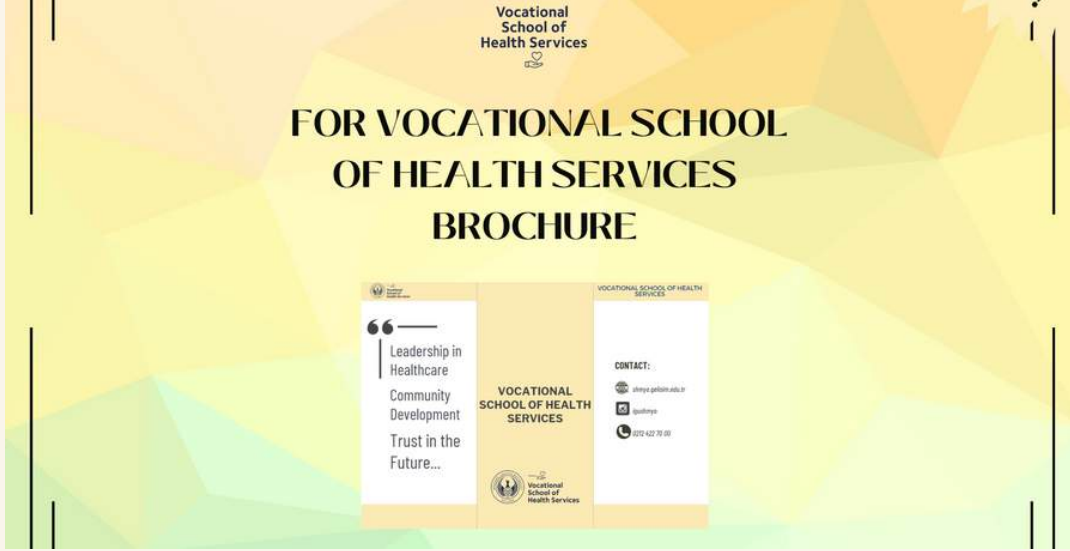
LEADERSHIP & GOVERNANCE & QUALITY



- GOVERNANCE MODEL AND ADMINISTRATIVE STRUCTURE
- MISSION AND STRATEGIC OBJECTIVES
- MANAGEMENT SYSTEM
- STAKEHOLDERS ENGAGEMENT
- GLOBALIZATION



THE BROCHURE FOR THE SCHOOL OF HEALTH SERVICES AND ALL ITS DEPARTMENTS HAS BEEN PUBLISHED.



To access the brochure for the School of Health Sciences and all programs, click [here](#).



To access Istanbul Gelişim University's 2024-2028 Strategic Plan, click [here](#).

İSTANBUL GELİŞİM
UNIVERSITY
2024-2028 STRATEGIC PLAN
PUBLISHED

The Importance Of Biomedical Devices In Operating Rooms

Biomedical devices play a fundamental role in the safe and effective execution of surgical procedures. Among the devices used in operating rooms are anesthesia machines, surgical robots, patient monitors, and imaging devices. These devices allow surgeons to access accurate information about the condition of patients and help them perform surgical procedures with high precision. In particular, surgical robots and imaging devices make it possible to perform complex procedures with less invasive methods and higher accuracy.



Lecturer Aleyna ÇAVDAR
Biomedical Device Technology

The reliability and performance of biomedical devices directly affect patient safety. The correct operation of these devices reduces the risks of complications during surgery and supports the achievement of a successful result. Regular maintenance, calibration of devices, and fast troubleshooting of their malfunctions ensure that the operation process goes smoothly.

The integrated operation of biomedical devices in operating rooms increases the efficiency and effectiveness of procedures. Various devices and systems should work in coordination with each other in the operating rooms. Biomedical engineers ensure the integration of these devices and provide solutions when there are compatibilities or technical problems between the devices. Biomedical devices also optimize the workflow in operating rooms. Automated systems and robotic surgical equipment help to perform procedures faster and with greater precision.

This allows surgeons to work with technology-assisted solutions rather than manual procedures and reduces the duration of operations, increasing comfort for both patients and medical staff. In addition, these devices provide ergonomic and safe working environments during surgery, which positively affects the performance of surgeons and other healthcare professionals.

Finally, the maintenance and management of biomedical devices improves the quality and cost-effectiveness of healthcare services in the long term. Regular maintenance and updates keep the performance of the devices high and prevent malfunctions. This is important both for patient safety and for the operational budgets of health institutions. Reducing maintenance costs and extending the device life increases the overall efficiency of health institutions and ensures more effective use of financial resources.

EDUCATION



- PROGRAM DESIGN, EVALUATION, AND UPDATING
- PROGRAM IMPLEMENTATION (STUDENT-CENTERED LEARNING, TEACHING, AND ASSESSMENT)
- LEARNING RESOURCES AND ACADEMIC SUPPORT SERVICES
- FACULTY MEMBERS



CURRENT NEWS FROM VSHS

As Istanbul Gelisim University Vocational School of Health Services, we have completed the Student Orientation Program for the 2024-2025 academic year.



We welcome all students joining the IGU Vocational School of Health Services family and wish you a successful and fulfilling educational journey.

An 'Body Language and Effective Speaking' training was provided to the faculty members of the Vocational School of Health Services by Instructor Emek UÇARMAN.

In the third training session, various voice and breath exercises, diction activities, and practical applications on the meanings of body language in communication were conducted.



On behalf of the Vocational School of Health Services, Assistant Director Dr. Instructor Nurcihan TAN ERKOÇ held an internship protocol and cooperation meeting with Ms. Figen KARAOĞLU, General Manager of ABAT Medical Center.



STUDENT SPOTLIGHT

The Importance of Nutrition in Hemodialysis Patients

MERVE ŞAHİN
Dialysis Program Student

Hemodialysis treatment is the most frequently preferred method of renal replacement treatment worldwide. Hemodialysis patients may often face malnutrition as a result of restricted diet practices. Therefore, a decrease in the quality of life of patients can be observed.

Malnutrition is detected in approximately one-third of these patients. Important causes of malnutrition include inadequate food intake, losses through dialysis, metabolic and endocrine disorders, increased protein catabolism, and intercurrent diseases.

There is a close relationship between the degree of malnutrition in HD patients and their morbidity and mortality. To prevent the development of malnutrition, adequate calories, protein, minerals, and vitamins must be taken. The daily protein requirement of HD patients is >1.2 g/kg, and the calorie requirement is 30-35 cal/kg. 50-60% of the daily calorie need should come from carbohydrates, 25-35% from fats, and 15-25% from protein.

Methods used to evaluate nutritional status in HD patients include anamnesis and physical examination, evaluation of food intake, anthropometric measurements, biochemistry examinations, and subjective global assessment. Although there is a strong, significant relationship between body mass index and malnutrition in hemodialysis patients, the use of body mass index alone is insufficient to diagnose malnutrition. In the nutritional status assessment of elderly hemodialysis patients, body mass index should not be used alone but in conjunction with screening tests with proven validity and reliability, such as the Mini Nutritional Assessment-Short Form.

Hemodialysis patients must follow a salt-free diet. If the patient does not follow a salt-free diet, his water intake will inevitably increase due to increased thirst. In cases of excessive weight gain during dialysis, due to excessive weight gain between dialysis, many side effects such as a decrease in blood pressure, chest pain, and cramps occur. The decrease in blood pressure during dialysis leads to a shortening of the effective dialysis time and is the most important reason for insufficient dialysis. High salt intake in hemodialysis patients is associated with increased ultrafiltration requirements, hypertension, and dialysis cramps. Importance should be given to shortening salt intake in order to both prolong survival and improve the quality of life.

Baysal A. (2014). Diyet El Kitabı, Ankara. 215-257.

Aksoy, A., ve Oğur, S. (2015). Determining the distress of dialysis patients who are routinely connected to the dialysis unit in Bitlis province. Bitlis Eren University Journal of Science, 4(2).



RESEARCH AND DEVELOPMENT



scientific spend subsystems engineers
business carried eagle revise knowledge
belonging result create state tech
group refers **RESEARCH AND DEVELOPMENT** product modern extreme exploitable
higher uncovering spend
mechanisms eagle
firm knowledge tech
product defining alliance unmet state mechanical
customer high devoted specialized unmet state include research
tech amortizing engineering governmental

- ADMINISTRATION OF RESEARCH SOURCES AND RESEARCH PROCESSES
- RESEARCH COMPETENCE, COLLABORATION, AND SUPPORT





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POSTERS AND PRESENTATIONS



Dr. Nazlı YÜCEOL, Head of the Medical Documentation and Secretarial Program at Istanbul Gelisim University Vocational School of Health Services, delivered an oral presentation titled '**RELATIONSHIP BETWEEN ENVIRONMENTAL FACTORS, RISK MANAGEMENT COMPETENCE, AND PERFORMANCE WITHIN THE SCOPE OF STRATEGIC ENTREPRENEURSHIP MODEL**' at the 4th International Çankaya Scientific Studies Congress.



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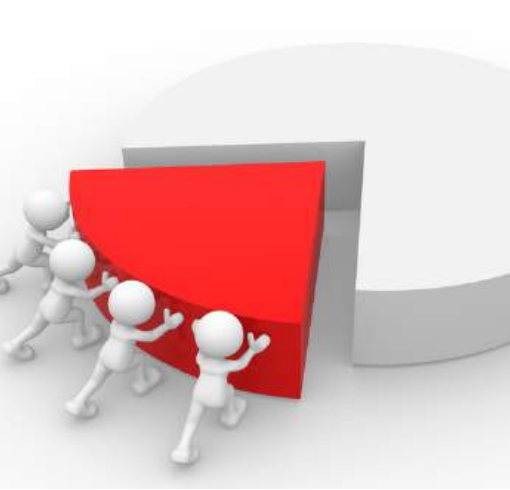


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SOCIAL CONTRIBUTION



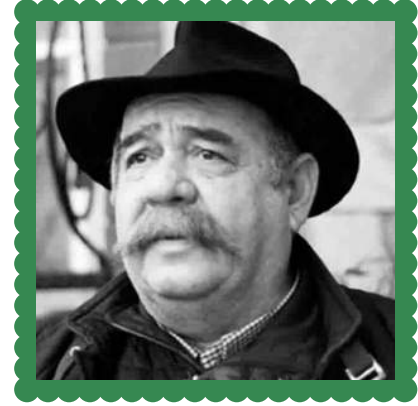
- MANAGEMENT OF SOCIAL CONTRIBUTION PROCESSES AND SOURCES
- SOCIAL CONTRIBUTION PERFORMANCE



COMMEMORATION

YAKUP YAVRU

Yakup Yavru was born in Amasya in 1952. After graduating from the teacher's school, he worked in many cities. After graduating from the Amasya Teacher's School, he worked as a teacher and school administrator in Çorum, Van, Amasya, Kırklareli, Giresun, İzmir, and İstanbul. After his teaching career, his childhood dream of becoming an actor dates back to his childhood. Yakup Yavru, who had a great interest in theater during his childhood, was also involved with theater during his teaching years, and after teaching, he turned to cinema.



Yakup Yavru, who also became interested in theater during his time as a teacher, started his acting career with the series called "Bana Sevgiyi Anlat.". Yavru, who took part in television productions such as "Böyle Mi Olmadı?", "İkinci Bahar," "Marziye," "Unutabilsem," "En Son Babalar Duyar," "Kınalı Kar," "Mihriban," "Geniş Aile," and "Papatyam," also took part in many commercials. Yakup Yavru also took part in films such as "Babam ve Oğlum," "Kutsal Damacana," "Recep İvedik," and "Destere.". "Ceberrut," "Baş Belası," "Güzellersiz," "Aşka Geldik," and "Kiraz Mevsimi".

Yakup Yavru, who played various types on stage as a theater actor for 22 years, is among the actors who have achieved great success in cinema. Since 1996, he has taken part in many movies and series such as Seveda Kondu, Bana Sevgiyi Anlat, Aşk Yeniden, Kalbimi Kıra Kıra, Marziye, Ekmek Teknesi, Çemberimde Gül Oya, Kutsal Damacana, Yamak Ahmet, İşler Güçler, Ankara'nın Dikmeni Bizum Uşaklar, and Mevsimi. Kiraz Mevsimi.

Yakup Yavru, one of the beloved character actors of our cinema, lost his life as a result of a heart attack he had after the opening ceremony of the 25th International Adana Film Festival, which he was a guest at, on Monday, September 24, 2018, 4.5 months after having his grave built. The artist's funeral was sent to Amasya for burial after the condolence event held at the Adana Metropolitan Municipality Theater Hall on Tuesday, September 25, 2018, and he was laid to rest in Amasya.

<https://www.biyografya.com/biyografi/26102>
https://tr.wikipedia.org/wiki/Yakup_Yavru



BIBLIOPHILE

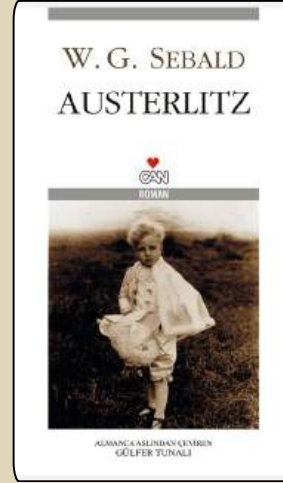


The Road (2006)
(TR: Yol)

Author: Cormac McCarthy

An impactful novel that deeply explores the father-son relationship in a post-apocalyptic world. Set in a pitch-black, colorless, ashen landscape, where a world no longer touched by daylight is illuminated by fires caused by dead trees, it follows the journey of a father and son struggling to move south, away from the north, where they will not survive another winter.

With its vivid imagery and emotional depth, this novel has carved out a unique place among McCarthy's works; the author's mastery allows the reader to connect with this difficult yet profound story.



Austerlitz (2001)
Author: W. G. Sebald

Austerlitz is sent to Britain as a child separated from his parents during World War II. Years later, he begins to investigate his past and tries to understand his lost identity, family, and the effects of the war. The novel reveals the traces and traumas of the past through Austerlitz's memories, observations, and visits to various places.

Sebald questions the concepts of memory, identity, and history while delving deeply into the human struggle to confront the past. The work, through the interaction between text and photography, takes the reader on both a visual and emotional journey. Sebald's compelling narrative opens a window to understanding existential anxieties and historical traumas.



CINEMATOGRAPHY

Synecdoche, New York (2008)

(TR: *New York Yanılsamaları*)

Dir.: **Charlie Kaufman**



Synecdoche, New York is an impactful film that deeply explores the stories of individuals lost in the complexities of modern life. Kaufman highlights the inner conflicts and loneliness of the characters against the backdrop of New York's dynamism and cosmopolitan nature.

The film centers on the life of the protagonist as he drifts through the streets of New York. Traumas from his past and disconnections in social ties trap him in deep loneliness. As he grapples with superficial relationships and a lack of communication amidst the city's crowds, the character embarks on a journey to find inner peace. The city's enchantment reveals the loneliness and helplessness experienced by the characters, and each of their stories evokes deep empathy in the viewer. The harmony between visual storytelling, music, and dialogue creates a captivating atmosphere throughout the film.

In conclusion, Synecdoche, New York is not just a city story; it offers a profound cinematic experience that questions the mental state of modern humanity. This work, which provokes thought and takes viewers on an emotional journey, has successfully carved out an unforgettable place in the world of cinema.

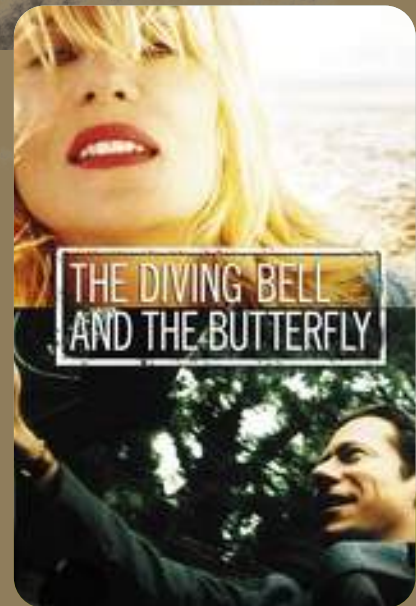
Le Scaphandre et le Papillon (2007)

(ING: *The Diving Bell and the Butterfly*;
TR: *Dalgıç ve Kelebek*)
Dir.: **Julian Schnabel**

This 2007 film tells the true story of French writer Jean-Dominique Bauby. After an accident, Bauby finds himself facing a condition known as "locked-in syndrome," leading to a life trapped in his own body. However, through his imagination and memories, he embarks on a quest for freedom.

A world living behind his eyes develops in Bauby's mind, forming the foundation of the film's visual narrative. Colorful and abstract images provide a deep glimpse into Bauby's inner life. Especially in the early scenes, the visuals seen through the viewer's perspective convey Bauby's confusion and mental processes. Schnabel, while narrating this profound story, engages the audience in Bauby's experiences. The film prompts reflections on the transience of life while also exploring themes of love, loss, and hope.

Combining Schnabel's artistry and storytelling skillfully, the film delves into the emotional depths of the viewer and serves as a powerful invitation to discover the resilience of the human spirit and the beauty life has to offer.



PRELUDE



Let's Dance (1983)

David Bowie

Side one

"Modern Love" - 4:46

"China Girl" - 5:32

"Let's Dance" - 7:38

"Without You" - 3:08

Side two

"Ricochet" - 5:14

"Criminal World" - 4:25

"Cat People (Putting Out Fire)" - 5:09

"Shake It" - 3:49

Length: 39:42

Genre: Post-disco, Dance-rock
New Wave



Discovery (2001)

Daft Punk

"One More Time" - 5:20

"Aerodynamic" - 3:27

"Digital Love" - 4:58

"Harder, Better, Faster, Stronger" - 3:45

"Crescendolls" - 3:31

"Nightvision" - 1:44

"Superheroes" - 3:57

"High Life" - 3:22

"Something About Us" - 3:51

"Voyager" - 3:47

"Veridis Quo" - 5:44

"Short Circuit" - 3:26

"Face to Face" - 3:58

"Too Long" - 10:00

Length: 60:50

Genre: Electro-funk, Nu-disco
House

NEXT MONTH IN ISTANBUL

MUSIC - FESTIVAL

2nd October - Yaşar - Harbiye Cemil Topuzlu Open-Air Theater
5th October - Semicenk - Harbiye Cemil Topuzlu Open-Air Theater
10th October - Kenan Doğulu - Harbiye Cemil Topuzlu Open-Air Theater
13th / 14th October - Tan Taşçı - Harbiye Cemil Topuzlu Open-Air Theater
17th / 18th October - Duman - Harbiye Cemil Topuzlu Open-Air Theater
23th October - Levent Yüksel - Harbiye Cemil Topuzlu Open-Air Theater
25th / 26th October - Sıla - Harbiye Cemil Topuzlu Open-Air Theater
31st October - Cem Adrian - Harbiye Cemil Topuzlu Open-Air Theater



THEATER - MUSICAL

1th October - Armağan Çağlayan ile Size Anlatacaklarım Var - Beylikdüzü Atatürk Culture and Art Center
2nd October - Meçhul Paşa - Beylikdüzü Atatürk Culture and Art Center
4th October - Ağaçlar Ayakta Ölür - Avcılar Barış Manço Culture Center
8th October - Anadolu Ateşi - Atatürk Anatolia - Trump Stage Cultural Center
14th October - Şingir Şingir Beyoğlu - Beylikdüzü Atatürk Culture and Art Center
19th October - Mahşer-i Cümbüş İstanbul'da - Trump Stage



YESTERDAY, TODAY, TOMORROW

CULTURE & ART

- September 3, 1783: England recognized the independence of the United States with a treaty signed in Paris.
- September 4, 1919: Mustafa Kemal Pasha started the Sivas Congress.
- September 6, 1968: Swaziland declared its independence.
- September 7, 1940: World War II: Nazi Germany began bombing London. Night bombardments continued uninterrupted for 57 days.
- September 9, 1923: The Republican People's Party was founded by Mustafa Kemal Atatürk.
- September 11, 1992: TEMA (Turkish Foundation for Combating Erosion, Afforestation, and the Protection of Natural Habitats) was founded.
- September 14, 1867: The first volume of Capital, written by Karl Marx, was published.
- September 15, 1916: The first tank in war was used by British troops in the Battle of the Somme.
- September 15, 1975: Pink Floyd's "Wish You Were Here" album was released.
- September 17, 1787: The United States Constitution was ratified.
- September 18, 1851: The New York Times newspaper began publication.
- September 20, 1946: The Cannes Film Festival, which was canceled due to World War II, resumed after a 7-year hiatus.
- September 30, 1791: The premiere of Mozart's last opera, The Magic Flute, was held in Vienna.



HEALTH & SCIENCE

- September 5, 1928: Discovery of Penicillin
- September 16, 1975: The MiG-31 Foxhound made its first flight.
- September 21, 1942: The Boeing B-29 Superfortress heavy bomber made its first flight.
- September 23, 1846: German astronomer Johann Gottfried Galle discovered the eighth planet of the solar system, Neptune.
- September 23, 2002: The first public version of the web browser Mozilla Firefox was released.
- September 24, 2013 - A 7.7 Ml earthquake occurred in the Balochistan province of Pakistan.
- September 27, 2007: NASA launched the Dawn space probe into the asteroid belt



INVENTIONS AND DISCOVERIES

DNA



The discovery of DNA is one of the most significant milestones in the history of science. DNA is a polymer made up of units called nucleotides. DNA polymers are enormous molecules consisting of millions of nucleotides. They carry genetic information and determine the traits of living organisms. DNA is inherited equally from both male and female individuals. In living organisms, DNA generally consists not of a single molecule but rather of two tightly coiled molecules. It is typically observed in a double helix structure, with two long strands winding around each other like a spiral.

The background of this discovery involves the contributions of many scientists, and the completion of the process was the result of years of meticulous research. DNA was first isolated by Swiss physician Friedrich Miescher, who in 1869 discovered a microscopic substance in the pus of discarded surgical bandages. Because it was found in cell nuclei, he named it "nuclein." In 1919, Phoebus Levene identified that nucleotides consist of a base, a sugar, and a phosphate group. In 1937, William Astbury demonstrated that DNA has a regular structure. In 1953, James D. Watson and Francis Crick published the double helix structure of DNA in the journal Nature. This double helix structure was a fundamental step in understanding how genetic information is encoded and how this information is copied. Following the understanding of DNA's structure, research continued to decipher how genetic information is read and converted into proteins. In the 1960s, Francis Crick and other scientists made significant strides toward deciphering the genetic code. In the 1970s, the development of techniques for cutting and pasting DNA laid the foundation for genetic engineering.

Source: <https://tr.wikipedia.org>




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