

# The Guide of the University of Baghdad College of Pharmacy





## General Supervision of this guide by:

The Dean of the College of Pharmacy:

Associate Professor Dr. Sarmed H. Alkhateeb

## The members of the Guide Preparatory

### Committee:

1- Associate Prof. Dr. Ali Azeez Al-Jumaili (chairman)

2- Lecturer Mais Fadhil,

3- Assist. Lecturer Essam Ihsan Ham,

4- Assist. Lecturer Sarah Asaad Kadhim,

5- Pharmacist Tabark Arkan Hameed,

6- Chief programmer: Dalia Muhanad Mohammed,

7- 5th year Student: Ahmed Mushtaq Adnan.





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## College Vision

The college strives to remain a distinguished institution in preparing outstanding pharmacists to work in healthcare institutions, and to advance healthcare and scientific research



# The College Mission

The College of Pharmacy is an educational institution with a public service mission focused on human health. The college is committed to provide high-quality education and training using the latest methods and multiple specializations to prepare pharmacists and pharmaceutical scientists with high scientific and professional capabilities. They are trained to be leaders in their fields, capable of promoting health culture, providing optimal healthcare in the community, and advancing scientific research for the well-being of society and human health.



## Overview of the College

The College of Pharmacy was established in 1936 due to an urgent need for pharmacists and chemists. The first batch of graduates (12 students) received a degree in Pharmaceutical Chemistry. In 1947, a science department was established for the study of chemistry at the bachelor's level, and the college was officially named the Royal College of Pharmacy and Chemistry until 1958. In 1959, the college was affiliated with the University of Baghdad, and in accordance with the academic degrees granted by the university, the degree awarded to the college's graduates became a Bachelor of Science in Pharmacy. In 1972, postgraduate studies were introduced at the college for studying a master's degree in four scientific fields: pharmaceutical chemistry, drugs and medicinal plants, toxicology, and pharmaceuticals. In 1975, doctoral studies in pharmaceutical chemistry were introduced, and in 1979, the college adopted the semester system for studies. To keep pace with scientific and global developments, the Department of Clinical Laboratory Sciences was established in 1984, and the Department of Clinical Pharmacy was established in 1993, bringing the number of scientific departments in the college to six: Pharmaceutical Chemistry, Pharmaceutics, Pharmacognosy and Medicinal Plants, Toxicology, Clinical laboratory sciences, and Clinical Pharmacy. In 2020, the Pharm.D. program was introduced, which includes intensive training in various hospital departments during the study stages to prepare highly trained clinical pharmacists. Graduates of this program will be well-versed in all aspects of pharmacy."



For more information about our college please visit our website using the barcode displayed in front of you



I am delighted to welcome you to the College of Pharmacy at University of Baghdad (UOB). As a leader and top-ranking college of pharmacy in Iraq, we are proud to be the home of highly qualified educators, motivated pharmacy students, cutting-edge pharmaceutical research programs, and committed healthcare providers. Like our profession which serves all patients, here at the College of Pharmacy UOB, our mission is to guide all our diverse students through their 5-year journey, equipping them to become skilled pharmacists and future leaders in healthcare.

Our comprehensive range of educational programs includes both undergraduate (professional) and postgraduate pharmacy programs. At our college, we offer two professional programs including bachelor's in pharmacy and PharmD. Additionally, our postgraduate programs encompass an array of Master and PhD degrees in six pharmacy-related disciplines: Pharmacology and Toxicology, Clinical Pharmacy, Pharmaceutics, Pharmaceutical Chemistry, Pharmacognosy, and Clinical Chemistry. All these programs have been meticulously designed to empower students for success in the dynamic and transformative field of pharmacy. Our goal is to equip them to serve society and address global health challenges.

We are committed to delivering top-tier classroom teaching and state-of-the-art lab practice, and invaluable opportunity of clinical training. Through strategic partnerships with leading, well-equipped healthcare hospitals in Baghdad, we empower our students to transition from learners to competent practitioners.

Whether you are a prospective student, a researcher, a healthcare professional, or an interested community member, I welcome you to join us and explore the College of Pharmacy at the UOB, where our vibrant culture drives excellence.

Associate Prof. Sarmed H. Kathem Alkhateeb  
The College Dean





## Key Features of the College

- The oldest pharmacy college in Iraq, our institution has been supplying numerous healthcare and academic institutions with highly qualified graduates at both undergraduate and postgraduate levels.
- We boast the largest faculty with the most academic titles, achieving an exceptional student-to-faculty ratio of 12:1.
- Offering the widest range of postgraduate programs in Iraq, we provide 12 specialized programs across six pharmaceutical sciences at both master's and doctoral levels.
- As a pioneer in Iraq, we are one of only two institutions offering a Pharm.D. program.
- Ranked first among all pharmacy colleges in Iraq in 2023, we are committed to academic excellence.
- Our college is equipped with 22 undergraduate laboratories, 5 postgraduate laboratories, and 6 smart classrooms, providing students with state-of-the-art facilities.
- Many of our faculty members serve as consultants and members of committees in various ministries, including higher education, health, industry, and minerals.
- Numerous research projects conducted by our graduate students and faculty have contributed significantly to improving healthcare services at the Ministry of Health, benefiting both patients and the community.
- Our faculty members have secured 11 scientific patents in diverse fields, underscoring our commitment to innovation.
- Our beautiful campus, with its expansive green spaces, provides a serene and inspiring learning environment."



## Key Features of the College

- Since its establishment, our college has graduated more than ten thousand pharmacists.
- Our faculty members have received numerous prestigious national awards such as the Day of Science Award and the Warith Al-Anbiya University Award. They consistently rank among the top in the country in terms of research output, citations, and H-index.
- Our students have achieved the first place in the Middle East and North Africa in the World Health Organization's award for the antibiotic resistance program.
- The college journal (Iraqi Journal of Pharmaceutical Sciences), established in 1979, won first place in one of the Iraqi Science Day awards for the year 2023-2022, organized by the Ministry of Higher Education and Scientific Research (Award for Distinguished Scientific Journal, and being indexed in the third quartile of Scopus with continuous improvement.
- The college is proud that many of its graduates hold leadership positions and serve as directors-general and managers in the Ministry of Health and other ministries.
- Furthermore, the college takes pride in its graduates who have made significant contributions at the global level in research and teaching at renowned international universities and research centers.
- Our college plays a pivotal role in the equivalency exams for graduates of pharmacy colleges from outside Iraq, serving as the primary examination center in Iraq for foreign pharmacy graduates.
- We play a crucial role in standardizing pharmaceutical education in all pharmacy colleges and departments in Iraq through the standardized exams, which are primarily managed by our college. Our students consistently achieve top rankings in these exams."

## The University of Baghdad College of Pharmacy ranks the first among Iraqi colleges of pharmacy across the nation according to the 2023 Ranking



الدرجة المستحصلة	القسم	الكلية	الجامعة	ت
77.28104006572906	صيدلة/عام	كلية الصيدلة	جامعة بغداد	1
69.7016393442623	صيدلة/عام	كلية الصيدلة	جامعة النهرين	2
67.27062448041468	صيدلة/عام	كلية الصيدلة	الجامعة المستنصرية	3
67.11445279866332	صيدلة/عام	كلية الصيدلة	جامعة الانبار	4
66.09969663541092	صيدلة/عام	كلية الصيدلة	جامعة الموصل	5
64.74605451936873	صيدلة/عام	كلية الصيدلة	جامعة المثنى	6

The College of Pharmacy, University of Baghdad, topped both government and private pharmacy colleges in the Iraqi University Ranking. This achievement is assessed by the Supervision and Scientific Evaluation Agency at the Ministry of Higher Education and Scientific Research, aiming to enhance the educational environment. The Iraqi ranking for colleges and scientific departments is based on four pillars: program quality and accreditation (%40), faculty members (%25), students (%20), and global rankings of academic specializations (%10). The results showed that the College of Pharmacy / University of Baghdad achieved a score of 77.28.

## The Iraqi Journal of Pharmaceutical Sciences has risen to the second quartile (Q2) in the SCImago Journal Rank



العلوم الطبية	بغداد	Iraqi Journal of Pharmaceutical Sciences	1
العلوم الطبية	بغداد	Journal of baghdad College of dentistry	2
العلوم الطبية	بغداد	مجلة كلية طب الكندي	3
العلوم الصرفة	بغداد	Baghdad Science Journal	1
العلوم الصرفة	الامام جعفر الصادق (ع)	Mesopotamian Journal of CyberSecurity	2
العلوم الصرفة	كربلاء	Karbala international journal of modern science	3
العلوم الزراعية والبيطرية	الموصل	المجلة العراقية للعلوم البيطرية	1
العلوم الزراعية والبيطرية	بغداد	IRAQI JOURNAL OF AGRICULTURAL SCIENCES	2
العلوم الزراعية والبيطرية	تكريت	مجلة تكريت للعلوم الزراعية	3
العلوم الانسانية	بغداد	مجلة الاداب	1
العلوم الادارية والاقتصادية	تكريت	مجلة تكريت للعلوم الادارية والاقتصادية	1



The college journal (Iraqi Journal of Pharmaceutical Sciences) was established in 1979 as a semi-annual scientific journal dedicated to publishing research related to pharmaceutical and medical sciences. The College of Pharmacy's journal at the University of Baghdad (IJPP) won first place in one of the Iraqi Science Day awards for the year 2023-2022, organized by the Ministry of Higher Education and Scientific Research (Award for Distinguished Scientific Journal). It is noteworthy that our journal was included in the Scopus database in 2018, as a leading journal with a strong scientific history. In response to the increasing volume of submissions, the journal increased its frequency from two issues per year to four, in order to accommodate more research and to publish at a faster pace. We will continue to pursue carefully planned and steady steps as part of a strategy set by the College's administration to further develop the journal and improve its ranking in global databases, while maintaining the relevance of its findings and keeping up with rapid scientific advancements. The journal welcomes the submission of scientific research within its field of pharmaceutical specializations from both national and international researchers.



Scan the barcode to access the student services provided by our college

These services include the following :



Psychological counseling and educational guidance



Student club



College library



Website



Prayer room



Accounting services



Standing Committee for Volunteer Work



Student requests and complaints



Student activities, playgrounds and art exhibitions



Scan the barcode to access our college student affairs

Student affairs include the following :



Exam schedule



Curriculum



Lecture schedule



Program description



Career services and employment



Student projects



Lectures



Graduating students



College branch labs



Top students

From the college archive



Training on lab technologies



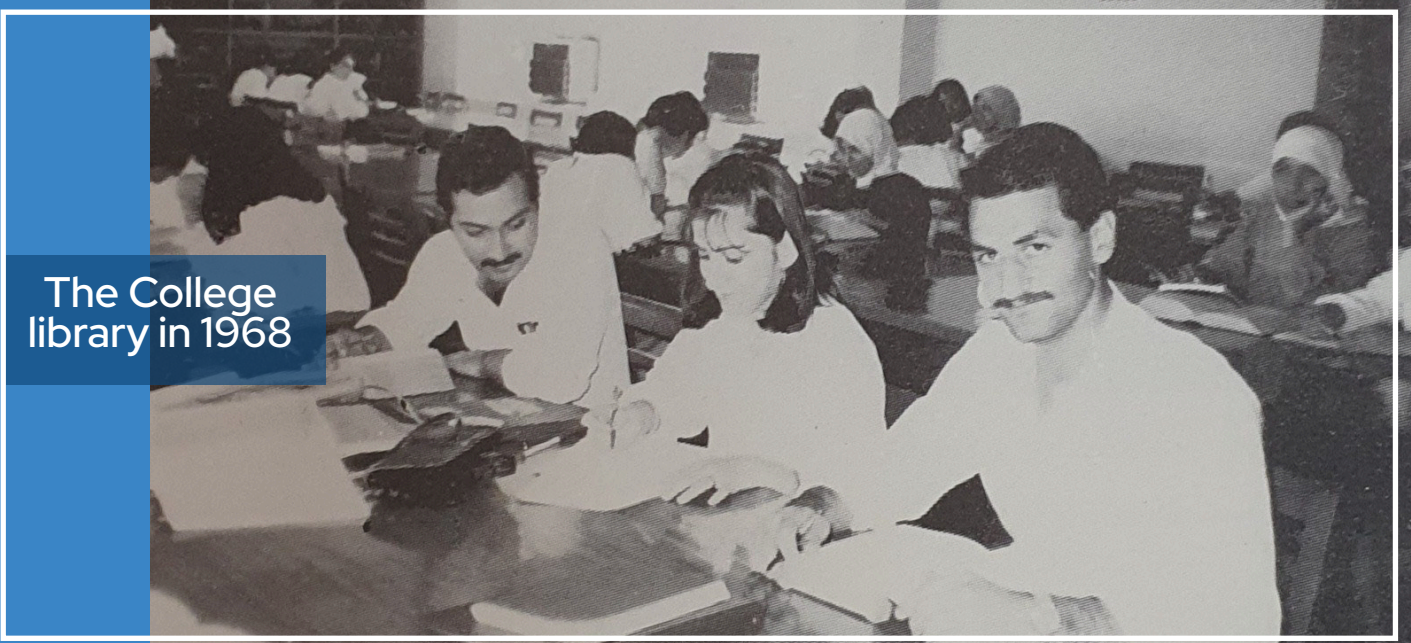
Student trip to Baqubah City in 1948



The farewell party of 5th year students in 1956



Art exhibition  
in 1965



The College  
library in 1968

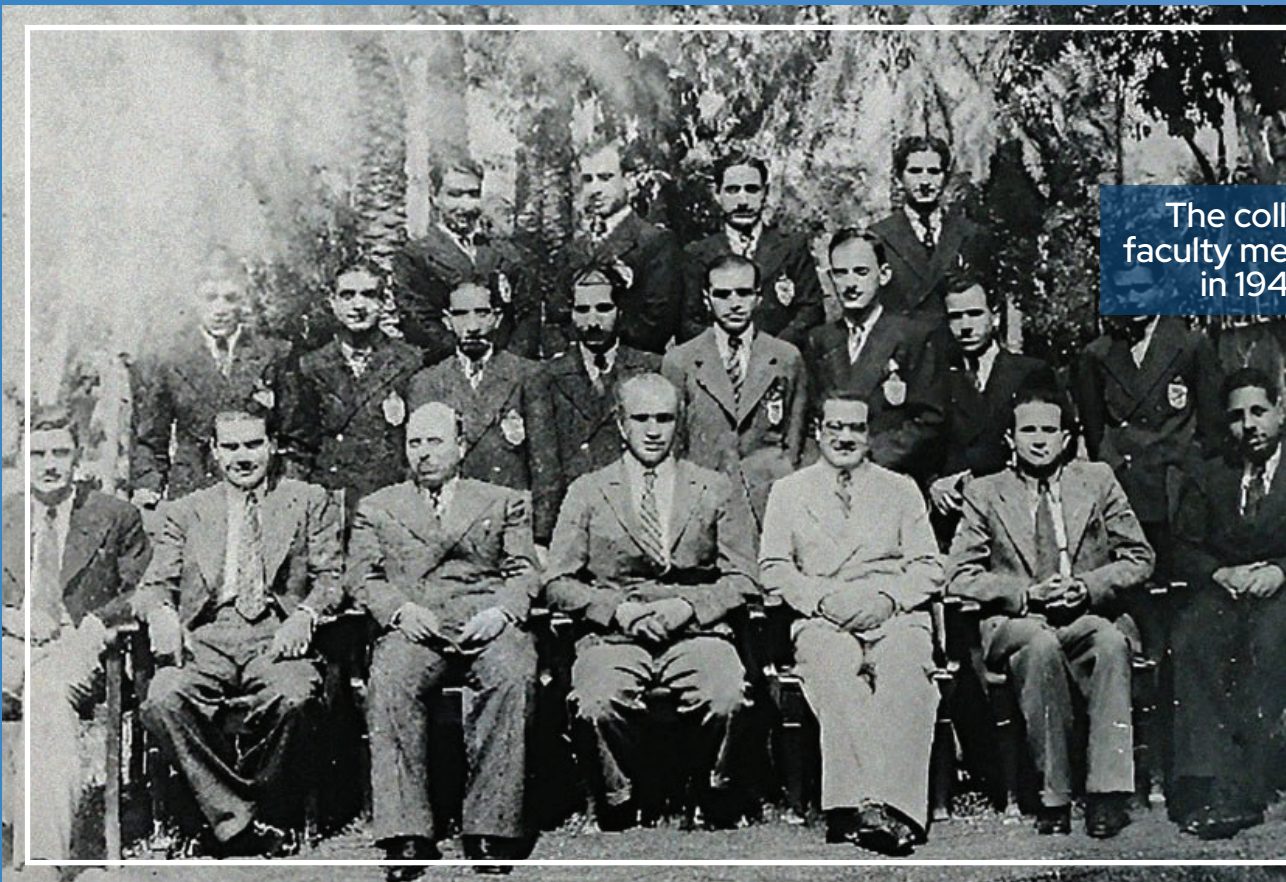


The students  
in the college  
lab

The college  
faculty members  
in 2023



The college  
faculty members  
in 1940







جامعة بغداد \ كلية الطب  
 اعضاء مجالس الكلية  
 2023 \ 2022



The College Council members in 2023



The College Council members in 1985



## The Scientific Departments



The Pharmaceutical Chemistry Department

The Pharmaceutical Chemistry Department was established in 1936 as one of the core scientific branches in the college, contributing to the teaching of chemistry applied in medical and pharmaceutical fields. It focuses on linking drug chemistry with therapeutic procedures .

The branch department includes the following scientific laboratories: Pharmaceutical Chemistry advanced Pharmaceutical Analysis Laboratory, analytical Chemistry Laboratory, organic Chemistry Laboratory, organic Chemistry III Laboratory and postgraduate Studies



The Pharmaceutics Department

The Pharmaceutics Department was established in 1936, starting with the preparation of pharmaceutical formulations. Over time, the scope of study expanded, contributing to both scientific knowledge and practical application. The department aims to equip graduates with specialized knowledge in the preparation, study, and development of pharmaceutical formulations. The department includes industrial pharmacy laboratory, pharmaceutical technology and physical pharmacy laboratory, pharmaceutical biotechnology and pharmacokinetics laboratory and postgraduate studies



The Pharmacognosy and Medicinal Plants Department

The Pharmacognosy and Medicinal Plants Department was established in 1936 to provide the community with specialized scientific expertise in pharmacology and medicinal plants.

The branch department includes the following scientific laboratories: pharmacognosy and medicinal plants laboratory and tissue culture and agriculture

## The Scientific Departments



pharmacology and toxicology department

This department was established in 1971 to focus on teaching the effects of drugs, monitoring their impact on all body organs and various tissues, understanding their interactions, and studying their side effects. It also includes teaching toxicology, methods of determining drug doses, conducting pharmacokinetic evaluations, and assessing their toxicity levels. The department includes the following scientific laboratories: Pharmacology and Physiological Toxicology, Graduate Studies, and an Animal House to support the mentioned laboratories.



The Clinical Laboratory Sciences Department

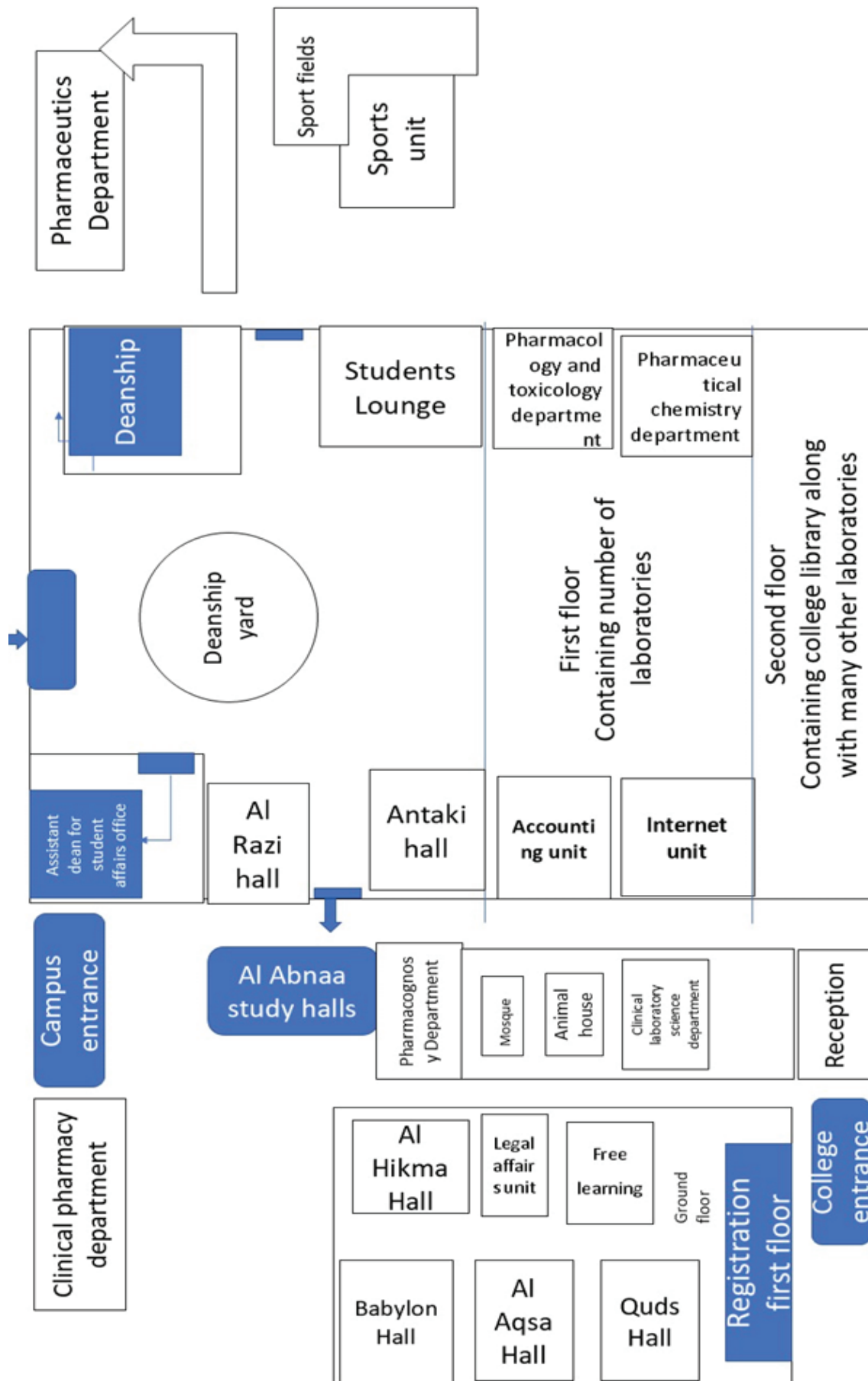
The Clinical Laboratory Sciences Department was established in 1984 under the name of the Clinical Laboratory Sciences Branch, based on the College's and Ministry of Health's need to address areas such as clinical biochemistry and physiological and pathological changes in the human body and its various tissues. The department branch includes the following scientific laboratories: Clinical Biochemistry, Pathophysiology, Clinical Microbiology, and Computational and Physics Studies, along with graduate studies.



The Clinical Pharmacy Department

The Department was established in 1992 to serve as the main source for training pharmacy students with a solid scientific foundation and qualifications enabling them to apply the principles and fundamentals of pharmaceutical sciences at the patient treatment level. Its mission includes evaluating the effectiveness and safety (adverse reaction)s of treatment. The department includes the following scientific laboratories: Clinical Pharmacy, Pharmacokinetics, the Bieron Hall for Pharm D students, and graduate studies. Additionally, it offers hospital training for professional and post-graduate students.

# College Map



# the classrooms



Entrance to the classrooms



Undergraduate Halls



Postgraduate Halls

# College Labs



Pharmaceutical  
Technology Lab



Physiology Lab



Pharmaceutical  
Chemistry Lab



Students conducting lab experiment



Pharmacology and Toxicology Lab



Microbiology Lab

# The College Library



College Library  
1972



College Library  
2023



Students  
reading in the  
library



# College sport fields



Soccer field



Basketball field



Tennis Field



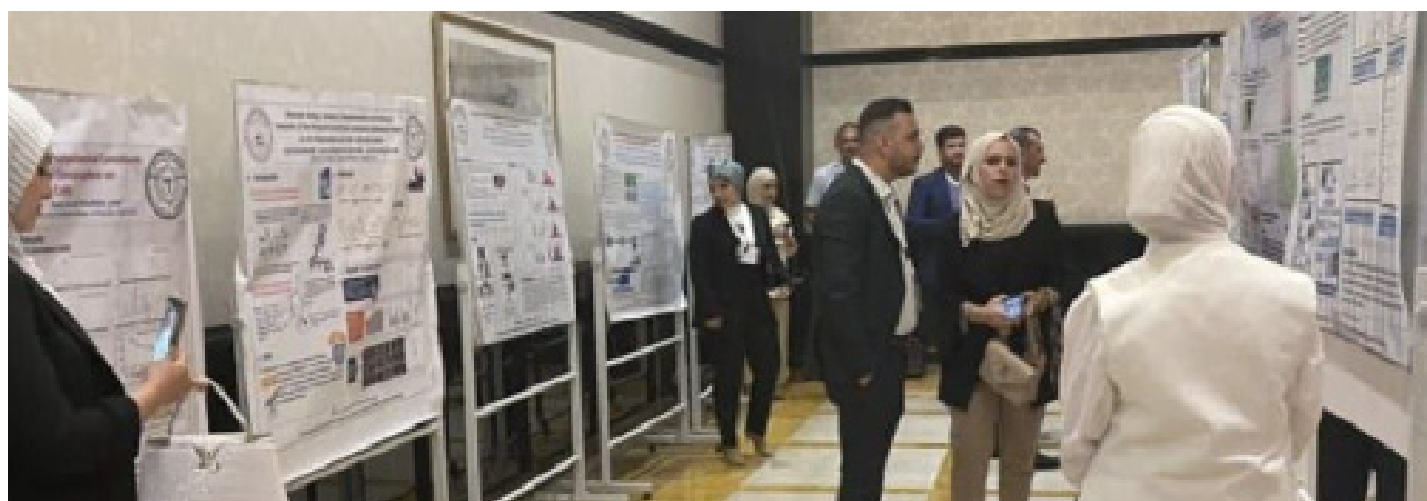
Students' game

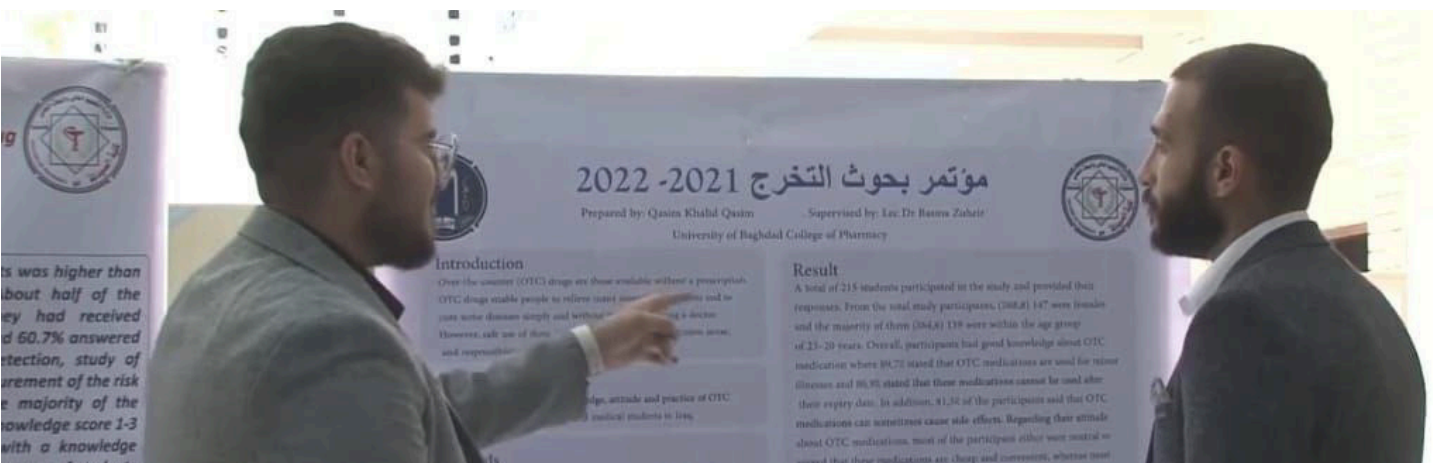
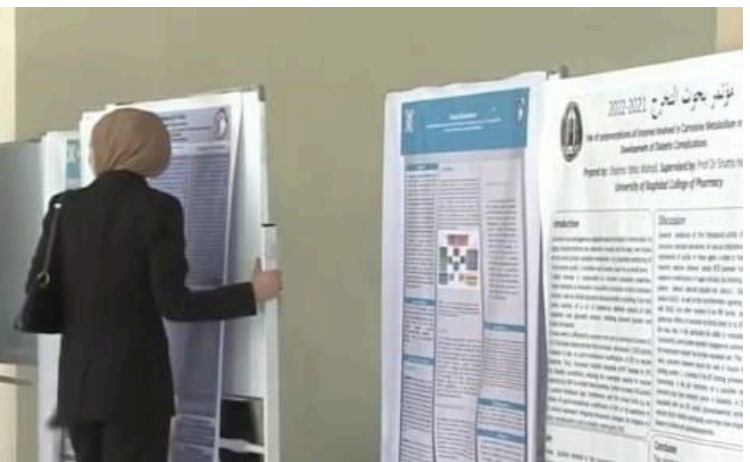


Faculty game



Faculty game

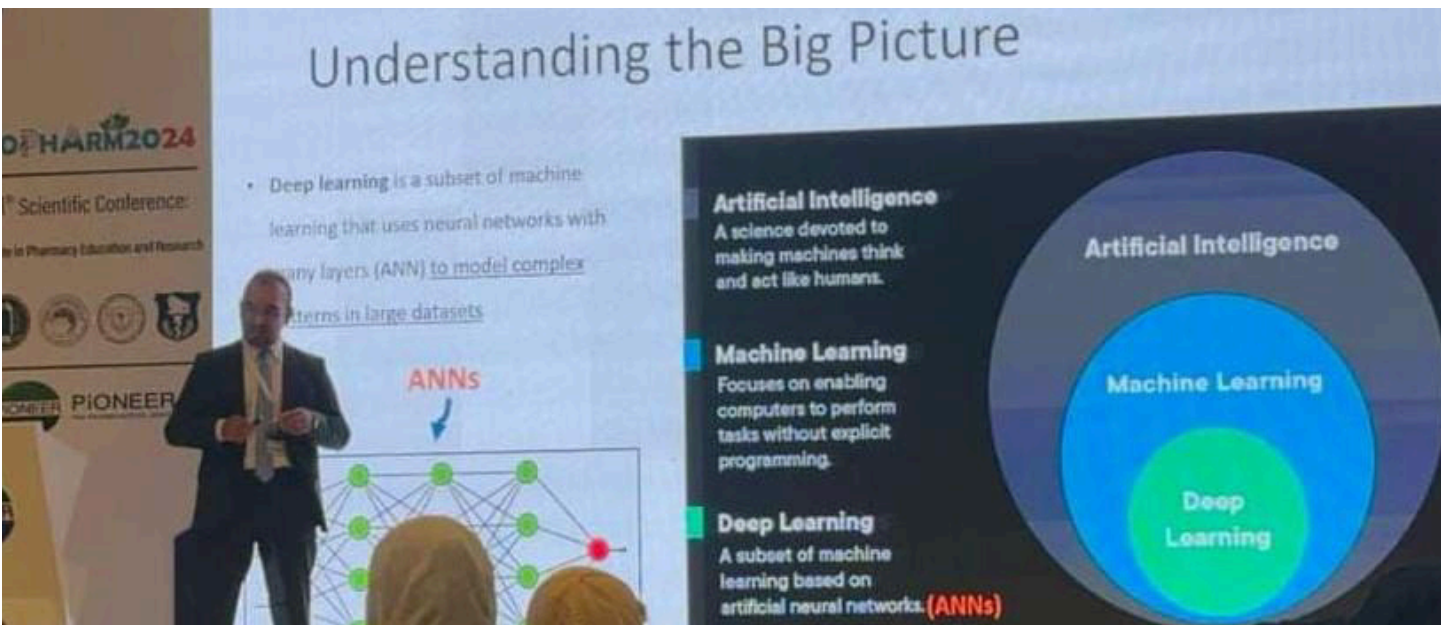




The college 2nd Conference for post-graduate students' research

The college 2nd Conference for post-graduate students' research (Updates in Pharmaceutical Sciences) in March 2023.







## Faculty Awards

A faculty member, Dr. Kawther Khalid Ahmed, received the prize of the 2nd position of the Medical Scientific Research in 2021 from the Minister of Higher Education as part of the Science Day Awards.



## The student awards

Our newly graduate, Aya Mohammed Abd-Alqani, received the Recognition Award from the Minister of Higher Education for winning in the Competition Exam for the top three newly graduates across all pharmacy colleges in the nation (2023).

## The student awards

Fourth-grade student **Ali Haider Hashem** won the first place in the competition organized by the World Health Organization in 2024 among the Middle East and North Africa Regions.



Another international recognition has been added to the record of our students. It is the winning of the fourth-year student, **Ali Haider Hashem**, who won first place in a competition organized by the Antimicrobial Resistance Unit at the World Health Organization for university students and young professionals in the health sector. The competition was titled "Addressing Misuse and Overuse of Antibiotics in the Middle East Region," for his submission of the best educational video on the topic. Our students' participation was highlighted by the winning student Ali Haider Hashem preparing the mentioned video for a campaign featuring the Antibiotic Awareness Booklet launched by the aforementioned unit. Additionally, another group of our students (**Tuqa Mozher, Baqir Khalaf, and Jana Faisal**) has reached the final round of the competition by drafting a proposal for distribution of the WHO AWaRe Book. The winner students were under the supervision of Associate Professor Dr Ali Azeez Ali, Clinical Pharmacy Department. The competition aimed to introduce the AWaRe Antibiotics Booklet as a new guidance manual for healthcare professionals to provide advice on antibiotics.



## The student awards

The College of Pharmacy has secured second place in the University of Baghdad's Music Festival events, thanks to the outstanding performance of our student (Reem Poulus).



As part of the esteemed college's plan and its dean to encourage students' talents and creativity, our fourth year-student participated in the Music Festival for the colleges at the University of Baghdad on Tuesday, February 20, 2024. The festival was organized by the Student Activities Department at the University of Baghdad on the theatre of the Student Activities Department, with the participation of 23 colleges and a large group of students. Representing our college, student Raya Poulus from the fourth year who won the second place among all the university participants.

## The student awards

The College of Pharmacy secured the third place in the University of Baghdad Table Tennis Championship in 2023.



Another big achievement was the winning of Saif Ali Sahib, a fourth-year PharmD student, the third place in the University of Baghdad Table Tennis Championship for students. The event took place on Tuesday, December 2023, 8, at the Al-Khwarizmi Engineering College Hall, University of Baghdad, with the participation of students from 20 colleges across the university.

## Our college serves the community

During COVID-19 Pandemic, the college opened a center for COVID-19 vaccination in 2021 under the supervision of the dean, Dr Sarmed Hashim Al-Kateeb, with the participating of the college faculty and staff including Dr. Ahmed Hamid. The vaccination center served the university students, staff, their families and general population.



## The extracurricular Activities

### Philanthropy Day

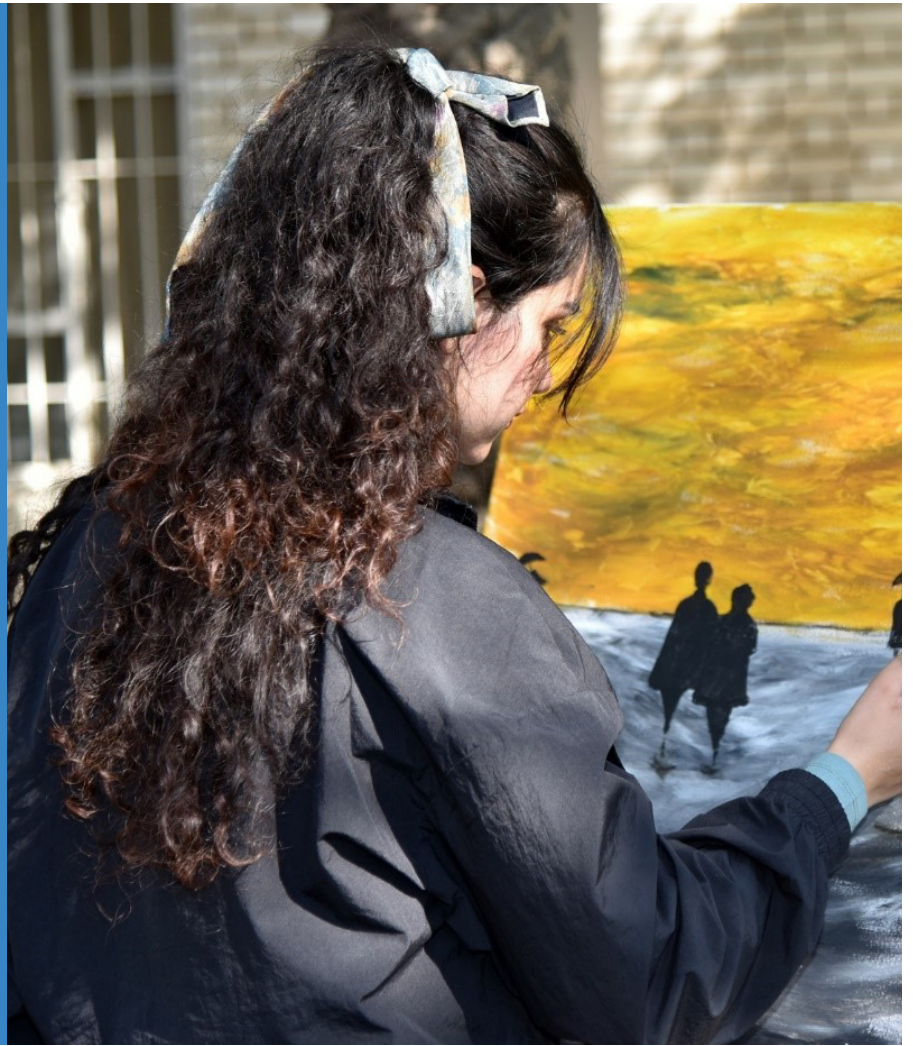
In collaboration with Al-Ain Social Welfare Foundation and under the patronage of the esteemed Dean of the College of Pharmacy, Associate Professor Dr. Sarmed H. Kathum Alkhateeb, the volunteerism support committee at the College of Pharmacy, University of Baghdad organized a charity bazaar. A quarter of its proceeds went to orphans and those in need. The bazaar took place on Wednesday and Thursday, December 2024, 21-20. It featured handmade products by our students such as accessories, candles, paintings, embroidery, crochet, as well as various foods, dishes, sweets, and other impressive creations that showcased the creative talents of our dear students.



## The College of Pharmacy organized a Free Drawing Day

under the patronage of the esteemed Dean, Associate Professor Dr. Sarmed H. Kathum Alkhateeb. As part of the college's ongoing efforts to encourage various hobbies and nurture talented students, and to emphasize the importance of recreational activities in alleviating the pressures of studying, the Student Activities Unit at the College of Pharmacy, University of Baghdad, held a Free Drawing Day in the college gardens on a Wednesday.

The Free Drawing Day witnessed significant participation from students who showcased their artistic talents by creating various paintings that reflected their perspectives and inner thoughts. The artworks exhibited a high level of artistic taste, featuring landscapes, fashion designs, and others expressing solidarity with the Palestinian cause and other current issues. The Dean expressed his admiration for the students' ideas and creative works, praising their artistic achievements and encouraging them to continue developing their talents.



## Some of the Recognized Student Activities



Our students' participation in the University Art Day



Our students' participation in University Scout Camp



Our students' participation in running marathon at the University of Baghdad campus



Our student participation in chess game at the University of Baghdad campus



Hospital training for our PharmD students

# Our college graduates over history

Graduates in 1944



Graduates in 1954



Graduates in 1961



Graduates in 2021



## Scientific Trip to national pharmaceutical Industries



An scientific trip for the students of the College of Pharmacy to the National Center for Drug Quality Control and Research



An scientific trip for graduate students to Al-Kindi Pharmaceutical Company



The College of Pharmacy organized scientific trips for both undergraduate and post-graduate Students To a Samarra Pharmaceutical Company in 2023/2024 academic year



## An awareness campaign event in Al-Qushla Castle, Baghdad (during the weekend) in 2024

Under the patronage of the Dean of the College of Pharmacy, Associate Professor Dr. Sarmed H. Kathum Alkhateeb, the Clinical Pharmacy Department, in collaboration with the Student Activities Unit and the Supporting Committee for Volunteer Work at the College of Pharmacy, University of Baghdad, organized an educational awareness event in the Al-Qushla Castle on Mutanabbi Street in central Baghdad. The event was titled "Are Antibiotics Dangerous? Are Herbal Supplements Beneficial?" The event included the participation of a select group of fourth-year students under the supervision of Associate Professors Dr. Ali Azeez Ali and Dr. Dheyaa Jabbar Kadhim

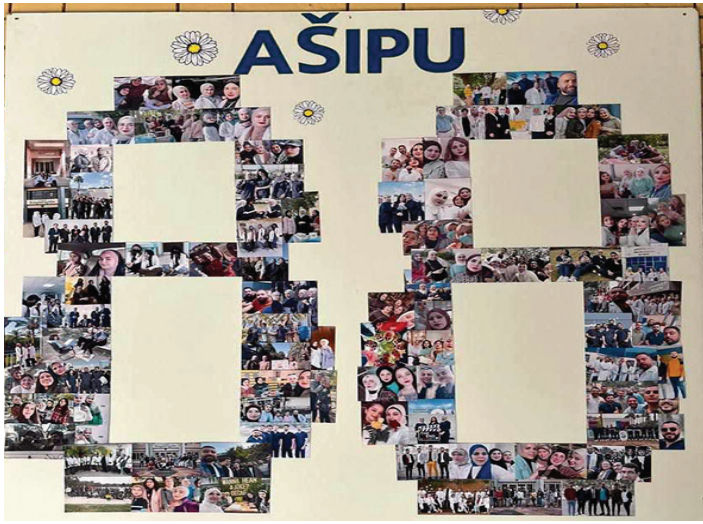


A vaccination awareness campaign was conducted by PharmD students and their supervisors to nearby two high schools in Bab Al-Muadham area in 2021.

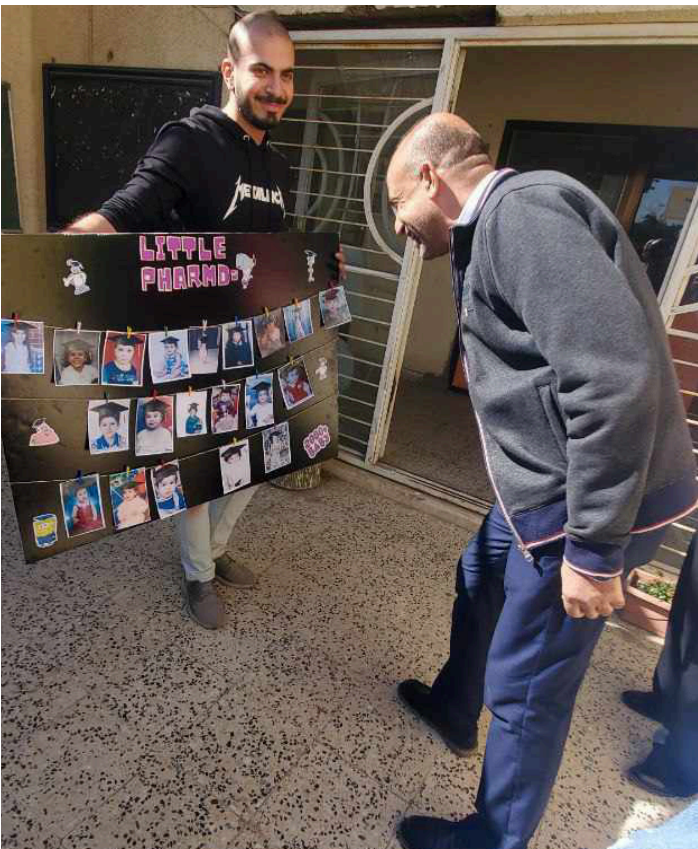


Awareness campaigns by our students about obesity and screening for hypertension and diabetes in Bab-Al-Moudhem campus in 2023 and 2024





Some graduation activities by 5th year students





## Hospital training for fifth grade students



# Honoring outstanding students and participants in extracurricular activities



# The Design Day

The Rehabilitation and Employment Unit at the College of Pharmacy, University of Baghdad, annually organizes an exhibition to showcase student designs on Design Day. The exhibition includes designs in various fields of pharmaceutical sciences, such as designing formulations manufactured using innovative, distinctive, and applicable methods. It also features designs for new and abbreviated methods for manufacturing some important active pharmaceutical ingredients used in pharmaceutical formulations. Additionally, there are designs using natural sources to produce some herbal remedies using unique scientific and pharmaceutical methods, along with informative and educational posters in various health fields.





# Thesis defense of Graduate Students



## The support of our college to the Palestinian rights over the history



A college event to support Palestine in 1965



A college event to support Palestine (Gaza) in 2024



Committed to Excellence Since 1936...



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Within the pages of this guide, you will find a glimpse of what sets the College of Pharmacy at the University of Baghdad apart, both academically, practically, and humanistically, from the past to the present. We invite you to discover more as you embark on your journey with us



UNIVERSITY OF BAGHDAD  
COLLEGE OF PHARMACY



College of Pharmacy University of Baghdad

<https://copharm.uobaghdad.edu.iq>



college of Pharmacy-University of Baghdad



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University of Baghdad-college of Pharmacy



College of Pharmacy



كلية الصيدلة