

كلية محمد المانع للعلوم الطبية
Mohammed Al-Mana College for Medical Sciences



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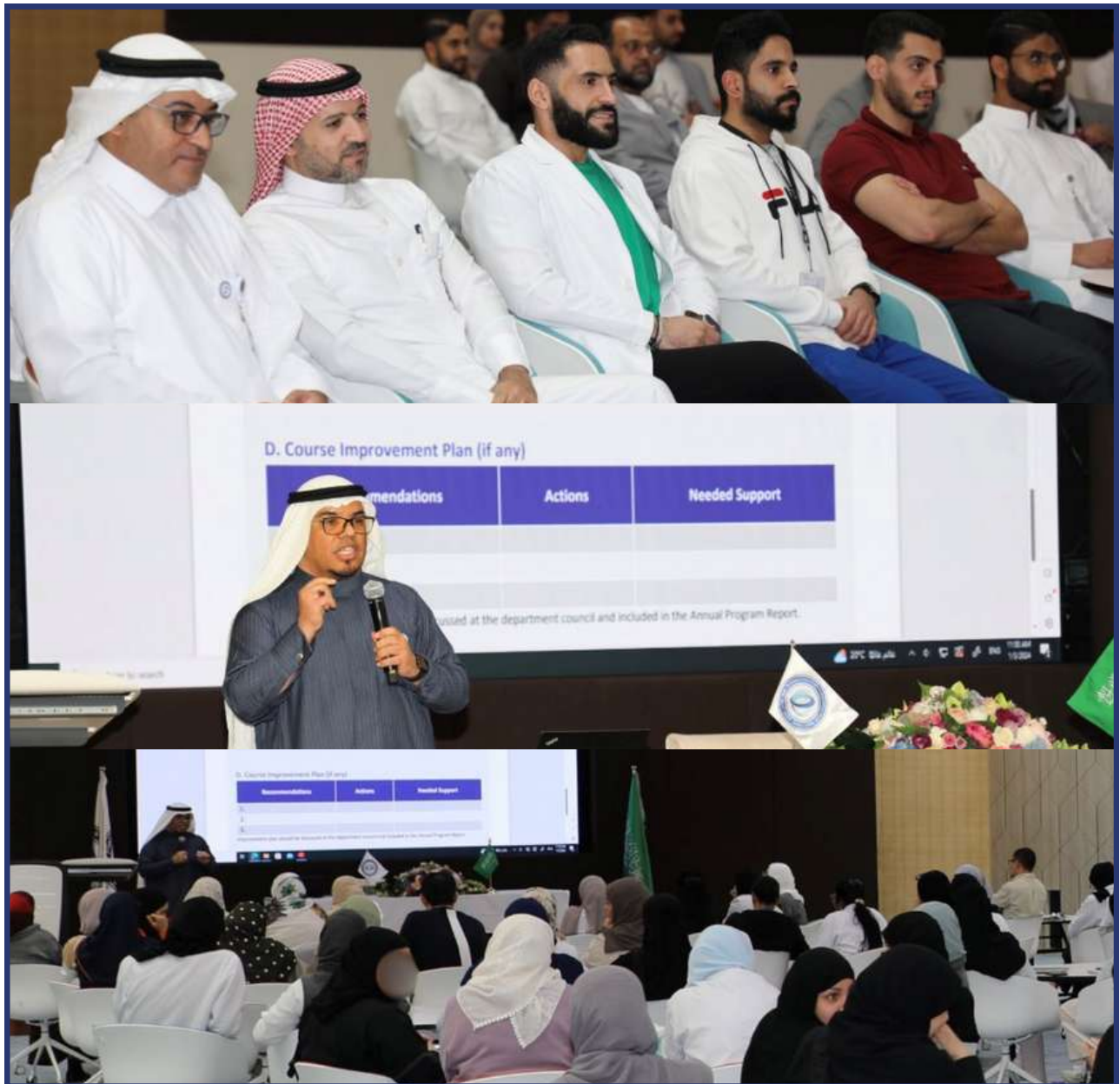
SAVE A LIFE: FIRST AID CAMPAIGN

January 2024. The community services committee of the Physical Therapy department, in cooperation with the Saudi Red Crescent, held a First Aid awareness campaign at the headquarters of Modern United Trading Company in Dammam. The campaign included an educational lecture on some emergency situations and first aids. The opportunity was also given to the employees for practical applications under the supervision of Saudi Red Crescent ER specialists.



NCAAA 2023

January 2024. The Professional Development Unit, in cooperation with the Quality Department, held a workshop regarding the NCAAA updated documents (2023 edition). The session aimed to presenting the updated NCAAA program and course documents to the faculty members to guide them to the best practices related to completing the updated National Authority for Evaluation and Accreditation program requirements.



ANTIBIOTICS AWARENESS

January 2024. The community services committee of the Pharmacy Department held a campaign entitled "Antibiotics Awareness" at Inspire International Academy in Al-Khobar. The campaign aimed to raise awareness of antibiotic resistance and the best practices to avoid its emergence. This was done through effective communication, education and practical demonstration by displaying posters to explain the duration of use of antibiotics, how to deal with them and their alternatives, if any.



SAVE A LIFE: FIRST AID CAMPAIGN

January 2024. The community services committee of the Nursing Department held a first aid awareness campaign for MACHS staff entitled " Save a Life", where the department's employees participated in organizing various awareness sessions, including suffocation, burns, poisoning, bleeding, fractures, muscle strain, sunstroke, and others, which promote proper behavior in various emergency situations.



SCIENTIFIC TEACHING WORKSHOP

January 2024. The Professional Development Unit organized a five-days educational development workshop presented by an elite group of professional faculty members of the college. It aimed to introduce the backward design to develop education and evaluation methods, develop the final assessments and adapt them to the educational outcomes, and the application of comprehensive and attractive educational materials using various resources. The resources that were introduced included artificial intelligence, COPUS method for evaluating active classroom teaching and SMART techniques for writing up the outputs. The workshop was attended by many college faculty members from various departments.



DUPHAT AWARDS

January 2024. MACHS proudly recognizes the Pharmacy students who participated in Dubai International Pharmaceutical & Technologies Conference and Exhibition (DUPHAT). The students won several awards, including the award of the best presentation of a poster, the best creative poster, and the best quality of a poster for pharmacy students.



SPRING ORIENTATION

January 2024. The student Affairs department welcomed its new students for the second semester of the academic year 2023-2024 in the induction week, which included multiple sessions such as welcoming the new students, an overview of the departments, the college's registration policies, the experiences of former students, and an introduction to the college's facilities. By the end, the students met their academic advisors to register for their courses, after which they had a college tour to see the facilities.



ARABIC LANGUAGE DAY

January 2024. The Arabic club, under the umbrella of Student Affairs, in collaboration with the Library Unit, organized the Arabic Language Day. The activity aimed to enhance awareness of the importance of the Arabic language as an official language in many countries. It also aimed to protect the Arabic language from marginalization and extinction, and to promote its use in the cultural and literary fields in addition to the scientific and technical field. The event also sought to enhance communication and interaction between Arabic and non-Arabic speakers.



MACHS WINTER

January 2024. Badir Club, under the umbrella of Student Affairs, welcomed the winter season by holding a MACHS Winter event in which awareness was raised about seasonal influenza with the aim of promoting the concept of Prevention Is Better Than Treatment and introducing the most famous herbal drinks that help alleviate influenza symptoms.



NEW EMPLOYEES ORIENTATION

January 2024. The Professional Development Unit organized an introductory meeting for the new employee to help them join the work and integrate into the college community. All concerned departments had the chance to be introduced, starting with the Deanship and Vice-deanships, Human Resources, Library, Scientific Research Unit, Student Affairs, Information Technology and Community Services.



RWAQ SAIDLAN EXHIBITION

January 2024. MACHS proudly congratulates student Dana Mishari Al-Balawi from the Pharmacy Department for winning the first place, Kingdom-wide, at the 2024 Rwaq Saidlan Exhibition, where she participated with five paintings of her marvelous work.



OBESITY AWARENESS AND HEALTH

SHOPPING WORKSHOP

January 2024. The community services committee of the Foundation Year Department, in collaboration with Eastern Cluster and Alfaisalyah Primary Health Care Center, held an awareness campaign about obesity. The campaign aimed to promote health and reduce the spread of obesity by spreading awareness among college students to enhance their culture about the dangers of obesity and how to prevent it. The event also sought to encourage the audience to adopt healthy lifestyles by highlighting the health risks of obesity and how to avoid them, since it is a major cause of many chronic diseases.



LEVEL FOUR STUDENTS ORIENTATION

January 2024. The Physical Therapy Department held an orientation session for level 4 students under the supervision of Dr. Fatima Al-Sheikh, the head of the department, and the faculty members. The fourth-level students were introduced to the department's employees and the therapeutic importance of their specialty. The department's organizational structure, the academic environment and the educational plan were covered thoroughly to the newcomers.



PAINT WITH MUSIC

January 2024. The Arts and Music Club, under the umbrella of the Extracurricular Activities Committee, organized an event entitled "Paint with Music" in collaboration with the artist Abduladeim Aldhamin. The event aimed to identify the effectiveness of using art therapy to support other treatments in order to alleviate the feeling of physical and psychological pain.



ASTHMA AWARENESS

January 2024. The community Services committee of the Pharmacy Department held an event entitled “Health Education on Asthma” at Ghsoon Almostaqbal Center, Khobar. The event aimed to enhance knowledge and awareness of Asthma including its symptoms, pathophysiology, triggers and medications. Additionally, the steps of how to properly use inhalers were explained to teachers and students, so they would be able to help when needed.



LIFESTYLE ACTIVITY DAY

January 2024. The Community Service Committee of the Nursing department organized a community service event entitled (Lifestyle Activity) at Ibn Roshd international school. The objective was raising the healthy lifestyle awareness among the students through interactive presentations about the component of healthy lifestyle and its impact on their health.



GULF CHILD DAY

January 2024. The Community Services Committee of the Nursing Department held a community service event entitled (Gulf Child Day) at Alfaisaliyah Primary Health Center. The objective was raising the awareness of children's rights and the role of families in achieving them through educating the parents on the concepts of a healthy lifestyle, such as food, physical exercise, and how to apply them to their reality.



LEVEL 3 - NURSING ORIENTATION

January 2024. The Nursing Department organized an orientation session for Level 3 Nursing students, which started with a brief orientation about Nursing curricula emphasizing the importance of pre-requisites and co-requisites. The students were familiarized with the courses to be taken throughout the study period, the degree audit, the importance of academic calendar and communication pathway. All exam policies were also introduced such as grade distribution for clinical and non-clinical courses, Attendance Policy, Remedial Exam Policy, and Exam Guidelines in general. The speakers also emphasized the importance of community services since it is the mission of the college and one of the criteria for Dean's Honor List. Special gratitude to all speakers and facilitators of the session including Dr. Eman Hassan, Mrs. Latha, Mrs. Dareen Alrefaiy and Mrs. Fatimah Alsaeed.



BEST SCORE IN SAUDI COMMISSION

FOR HEALTH SPECIALTIES EXAM

January 2024. MACHS proudly congratulates the Department of Respiratory Therapy for the excellence of its graduates in the Health Specialties Commission exam. Student Reema Alomirin obtained the highest passing grade among all public and private higher education institutes in the Kingdom. The RT graduates also achieved the first place in the average passing exam score among their counterparts from private colleges in the Kingdom.



GENERAL ORGANIZATION FOR SOCIAL INSURANCE

January 2024. The Alumni Unit organized a workshop entitled "General Organization for Social Insurance", which aimed to introduce its services, its rules and regulations. The workshop also included a motivational talk to MACHS internship students and graduates and directed them to understand their rights and responsibilities in the workplace, read their employment contracts before signing, and seek advice from specialists in the field.



SANAD CHILDREN'S CANCER SUPPORT

ASSOCIATION GRANT

January 2024. Sanad Association supports scientific cadres by encouraging and investing in scientific knowledge and research study of childhood tumor cases in the Kingdom of Saudi Arabia. Dr. Bader AlAlwan, an assistant professor of hematology at the Department of Medial Laboratory Sciences and the Head of MACHS Research Center, has obtained the Sanad grant to conduct his research on leukemic stem cells, which aims to investigate the molecular process involved to gain stemness and identifies these molecules as potential targets.

MACHS family would like to congratulate Dr. Bader AlAlwan for receiving this grant to support his research in the field of blood cancers which, of course, will contribute significantly to a better understanding of LSCs behavior and can aid in discovering new therapeutic approaches.



SCIENTIFIC RESEARCH DAY

February 2024. The Research Club, under the umbrella of Extracurricular Activities Committee, held an event entitled Scientific Research Day. The event aimed to encourage students to be involved in scientific research and highlighted the importance of research in their future careers, since it is one of the tools that would help in developing scientific and academic skills and enable them to contribute to the progress of society and preservation of the environment. The activity also provided the students the opportunity to explore new fields, and expanded their scientific and cognitive horizons.



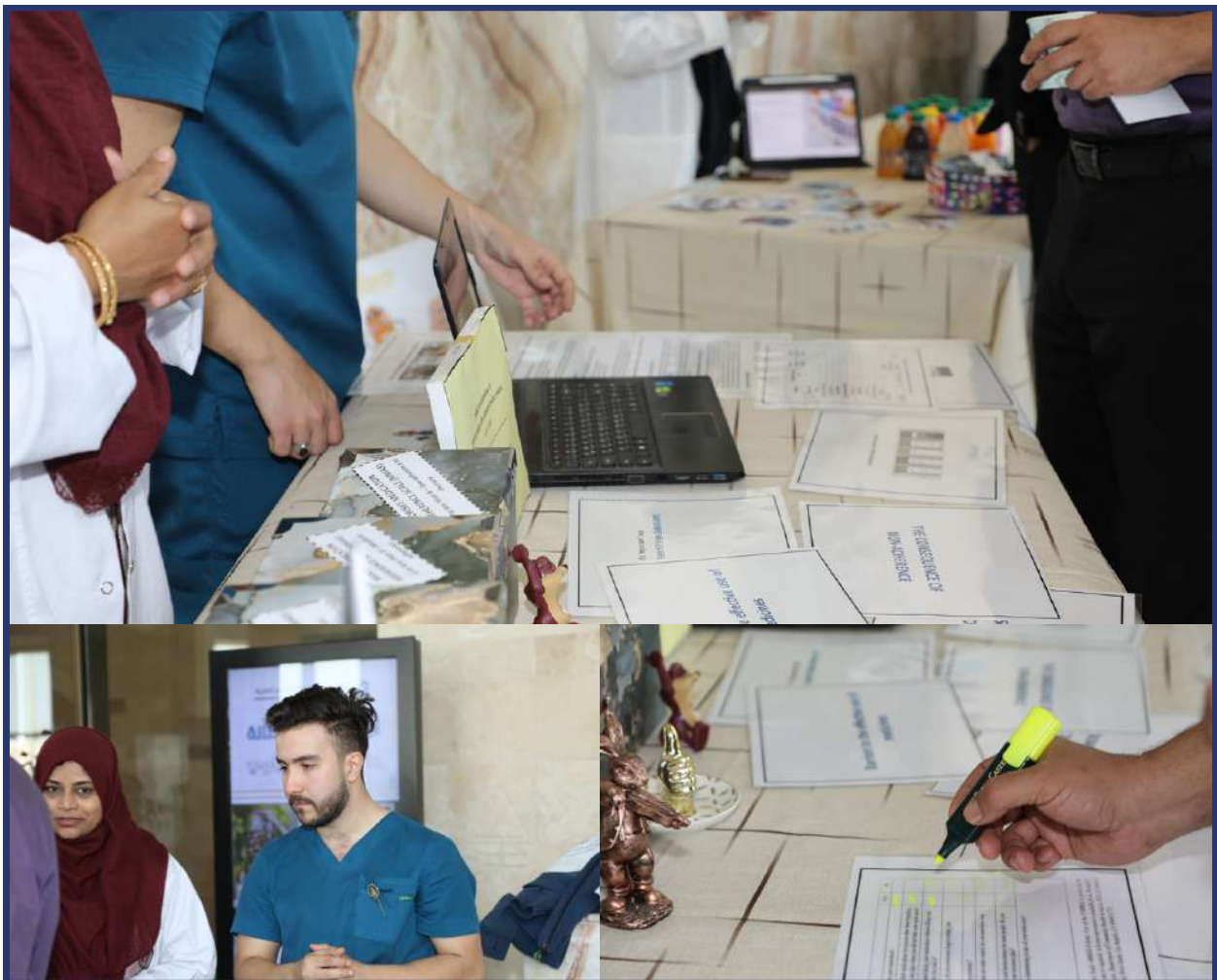
COMBINATORIAL PCR TESTING FOR SYNDROMES

February 2024. The Professional Development Unit organized a workshop entitled Combinatorial PCR Testing for Syndromes. The workshop aimed to highlight the importance of combinatorial PCR in diagnosing and predicting diseases that exhibit similar clinical signs and symptoms, in addition to clarifying the impact of combinatorial testing on the workflow in hospitals and laboratories, and its cost effectiveness.



PATIENT SAFETY DAY

February 2024. The Pharmacy Extracurricular Activities Committee organized an event entitled “Patient Safety”, which included a number of awareness booths regarding pharmaceutical professions, medication adherence, drug and food interactions, storage and disposal of medications, and side effects of some medications. The objectives of the activity included improving the use of medication and access to it through pharmacist prescription, in addition to benefiting from technology to improve pharmacist provision of healthcare. In addition, the event sought to ensure that all patients receive smooth and coordinated pharmacy services at all stages of healthcare.



EPILEPSY WORLD DAY

February 2024. The Community Services Committee of the Nursing Department held a community service entitled Epilepsy World Day. It was an online session via Zoom, attended by the parents of epileptic children at Obour Primary Health Center. The objective was raising the mother's awareness about epilepsy by presenting its definition, treatment, prevention and management of epileptic seizures.



GREENER MACHS (RECYCLING)

February 2024. The Green Club, under the umbrella of Extracurricular Activities Committee, held an event entitled Greener MACHS (Recycling), which aimed to spread the awareness of recycling and its importance. The club members sought to identify recyclable materials and explore the options for recycling. It was an opportunity to encourage participation in the recycling and waste minimizing efforts in order to maximize the recycling effort and accomplish MACHS goals. In addition, the activity shed light on benefits of recycling such as conserving energy, recovering resources, protecting the environment and saving disposal costs.



FOUNDATION DAY

February 2024. For four days straight starting from the 18th of Feb, the Extracurricular Committee, under the umbrella of Student Affairs, held the Foundation Day activities that were organized by a variety of students clubs at the Admin building. The activities included Fine Arts, in collaboration with the artist Abduladeim Aldhamin, Diriyah Painting; contributed by all MACHS students and staff, and the Foundation Day ceremony at Dr. Aisha Theater. The wonderful day of celebration, February 21st, was entitled "A homeland Biography" and included a breathtaking clip that showed the variety of cultures within the Kingdom, a traditional dance from the southern region and a poetry.



HAPPINESS IS A CHOICE

February 2024. The Health Club of the Foundation Year Department, under the umbrella of student affairs, held a Happiness Day event, which included various activities such as painting, music, games, sports activities, and healthy foods. The activity aimed to raise awareness about the benefits of feeling happy on psychological and mental health. The event was a chance for everyone to take steps to make themselves and others happier, to reflect on what makes them happy, and to explore new ways to be happy.



INTERNATIONAL HAPPINESS DAY FOR EMPLOYEES

February 2024. The Community Service Committee, in coordination with a group of employees, held an event entitled "Happiness Day". The event aimed to break the work routine for college employees through multiple games and activities to bring joy and pleasure. Awareness and motivational booths have also been prepared to guide how to relieve pressures and causes of stress. The event contributed to strengthening fraternal ties between employees by creating a spirit of fun and constructive competition outside the typical work environment.



EMOTIONAL WOUNDS

February 2024. The Student's Rights and Psychosocial Counseling Unit, in collaboration with the Community Services committee, welcomed all MACHS staff and students to attend the Mental Health Day awareness lecture and workshop entitled "Emotional Wounds". The objectives were to increase awareness of psychological issues and disorders, employ educational strategies to aid individuals experiencing mental illnesses and promote effective techniques for adaptation and stress management.



SPRING'S ALLERGY

February 2024. The Health Club of the Respiratory Therapy Department, under the umbrella of Student Affairs and the Extracurricular Activities Committee, organized an event entitled "Spring Allergy", which aimed to increase awareness about seasonal allergies, colds, sinusitis, and asthma. There were several sections explaining their causes, symptoms, and treatments.



MDLB LEVEL 3 ORIENTATION

February 2024. The MDLB Department organized an orientation session for Level 3 MDLB students, which started with a brief orientation about MDLB curricula emphasizing the importance of pre-requisites and co-requisites. The students were familiarized with the courses to be taken throughout the study period, the degree audit, the importance of academic calendar and communication pathway. All exam policies were also introduced such as grade distribution for clinical and non-clinical courses, Attendance Policy, Remedial Exam Policy, and Exam Guidelines in general. The speakers also emphasized the importance of community services since it is the mission of the college and one of the criteria for Dean's Honor List.

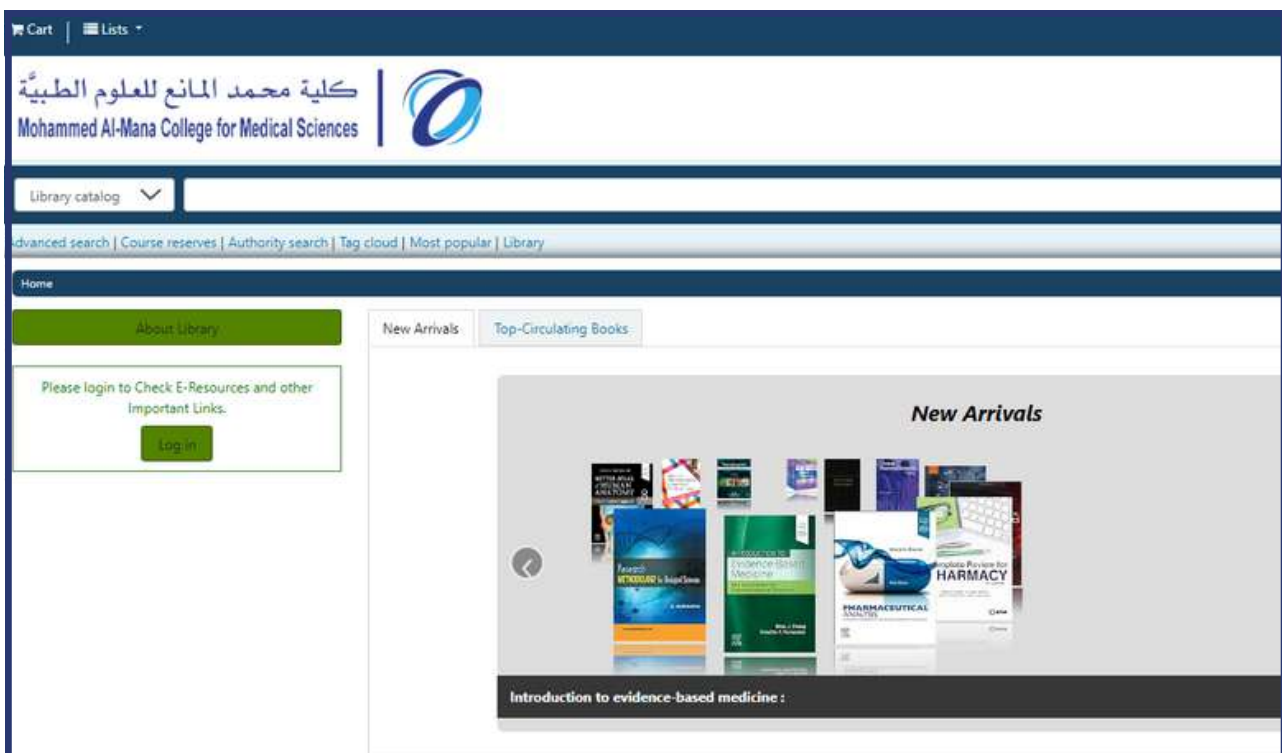


MACHS LIBRARY, EXCITING RECENT DEVELOPMENTS

MACHS Library has recently carried out major enhancements that were designed to make research and reading journey smoother and more convenient than ever. To begin with, the Koha library system has been upgraded to the latest stable version (23.05.05.000). Additionally, the landing web page has been given a new look and easier-to-remember URL:

<https://library.machs.edu.sa>

All MACHS members are encouraged to take advantage of these enhancements and explore the wealth of knowledge and information available through the Library. Whether you are conducting research, studying for exams, or simply seeking personal enrichment and growth, the library's upgraded system and convenient sub-domain will undoubtedly enhance your academic journey!



RESEARCH PUBLICATIONS

1

Sudharshan Reddy Dachani, Mohammad Daud Ali, et al. A Comprehensive Review of Various Therapeutic Strategies for the Management of Skin Cancer. February 22, 2024. <https://doi.org/10.1021/acsomega.3c09780>

Indexing: Scopus 

PubMed 

Web of science 

PUBLICATION

Quartile: Q2 Impact Factor: 4.1

2

Ameer L, Aslam N, Ghosn S, Al-Matouq J, Al-Mousa Z, Alasfour S, Suroor M, Amin YH. Establishing competency based internship program through participatory action research in a private pharmacy college in the Eastern Province of Saudi Arabia. Saudi Pharm J. 2024 Mar;32(3):101983. doi: 10.1016/j.jsps.2024.101983
doi: 10.1016/j.jjiph.2023.07.016.

Indexing: Scopus 

PubMed 

Web of science 

PUBLICATION

Quartile: Q2 Impact Factor: 4.1

3

Ali, A., Ali, A., Wasim, A et al. Formulation of lemongrass oil (*Cymbopogon citratus*)-loaded solid lipid nanoparticles: an in vitro assessment study. 3 Biotech 13, 318 (2023). <https://doi.org/10.1007/s13205-023-03726-5>

Indexing: Scopus 

PubMed 

Web of science 

PUBLICATION

Quartile: Q2 Impact Factor: 2.8

4

Abuzer Ali, Sayed Aliul Hasan Abdi, Amena Ali, Wasim Ahmad, Hexaconazole exposure disrupt acetylcholinesterase, leading to mental illness, Toxicology Research, Volume 12, Issue 5, October 2023, Pages 775–782, <https://doi.org/10.1093/toxres/tfad067>

PUBLICATION

Quartile: Q3 Impact Factor: 2.1

5

Al-Shaibi S, Abushanab D, Abounahia F, Awaisu A, Al-Badriyeh D. Letter to Editor on Fawad et al. Comment on "Cost-Effectiveness Analysis of Ibuprofen versus Indomethacin or Paracetamol for the Treatment of Patent Ductus Arteriosus in Preterm Neonates" by Al-Shaibi et al. Curr Probl Cardiol. 2024 Jan;49(1 Pt C):102157. doi: 10.1016/j.cpcardiol.2023.102157. (Letter to Editor)

PUBLICATION

Quartile: Q1 Impact Factor: 4.2

RESEARCH PUBLICATIONS

6

Jameel M, Ali A, Ahmad W, Faiyazuddin M., Haque MR, Meena R, et al. Traditonal Uses and Phytopharmacological Analysis of Ancient and Lucrative Traditional Plants Lavandula stoechas L. and Lavandula officinalis Chaix. Pharmacognosy Research. 2023;15(4):607-614

Indexing: Scopus 

PubMed 

Web of science 

PUBLICATION

WELCOME NEW EMPLOYEES

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 <p>DR. ROWIDA ALGHAMDI 19009</p> <p>Position : ASSISTANT PROFESSOR Department : FYA Date of Hired:14/01/2024. Email: r.alghamdi@machs.edu.sa</p>	 <p>HABIBAH ALHAWAJ 19010</p> <p>Position: TEACHING ASSISTANT Department : NURSING Date of Hired:14/01/2024. Email: h.alhawaj@machs.edu.sa</p>	 <p>NORAH ALQARAWI 19013</p> <p>Position: ADMINISTRATIVE ASSISTANT Department: PUBLIC RELATION Date of Hired:13/02/2024. Email: N.ALQARAWI@machs.edu.sa</p>	 <p>ELSAYED MOUSSA 19014</p> <p>Position: ACCOUNTANT Department : MAINTENANCE & CONSTRUCTION Date of Hired:13/02/2024. Email: E.MOSSA@machs.edu.sa</p>
 <p>ABDULKHALEQUE ASGARALI 19015</p> <p>Position: BUILDER Department : MAINTENANCE & CONSTRUCTION Date of Hired:18/02/2024. Email: 19015@machs.edu.sa</p>	 <p>DR. HAWRA ALGHAFALI 19016</p> <p>Position : ASSISTANT PROFESSOR Department: MEDICAL LABORATORY Date of Hired:18/02/2024. Email: A.Alghafali@MACHS.EDU.SA</p>	 <p>HEYAM ALMAQHAWI 19017</p> <p>Position: ADMINISTRATOR ASSISTANT Department : PUBLIC RELATION Date of Hired:18/02/2024. Email: H.Almaqhawi@Machs.edu.sa</p>	 <p>FATIMAH ALABBAS 19018</p> <p>Position: NURSING LAB COORDINATOR Department : NURSING Date of Hired:18/02/2024. Email: F.Alabbas@machs.edu.sa</p>

This newsletter issue is ostensibly supported by the following who contributed articles, reports and relevant updates within their work units.

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MACHS LIBRARY

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FOR INQUIRIES
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