

MBRU

Annual Report

2020 -2021



جامعة محمد بن راشد
للطب و العلوم الصحية
MOHAMMED BIN RASHID UNIVERSITY
OF MEDICINE AND HEALTH SCIENCES



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Message from the Vice Chancellor

Dr. Amer Sharif

This year has been a significant year of progress and growth for our nascent institute. As the COVID-19 pandemic hit globally, MBRU has persevered and rose during such a challenging time.

From playing a leading role in the Dubai COVID-19 Command and Control Center, to supporting the Emirate's response to the pandemic through viral genomic research, to rolling successful community initiatives such as the MBRU Community Immunity Program and MBRU's Wellness on Wheels vaccination drive, MBRU carried out its mission of advancing health and serving humanity.

In addition to what we were doing on ground, I must acknowledge our students who were incredibly resilient and patient during a time where the delivery of education has completely changed from what they were used to. Their adaptability and agility, along with every member of the MBRU family was incredible to say the least.

This year we also celebrated a milestone for MBRU, our 5th anniversary. As I reflect on our achievements to date, I am beyond proud of what every member in the MBRU family has accomplished. MBRU has brought together talented minds in research and education and has set the foundations for an integrated academic health system in the UAE.

We also launched our MBRU Value-ship, a guidebook to what the values of integrity, respect, connectivity, giving, and excellence mean at MBRU. Our value-based culture is of essence, and we continue to remain intentional about ensuring that every member of the MBRU family lives and acts our values.

It is also with great pleasure and pride that we learned of the issuance of His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, of Law number 13 of 2021, announcing the establishment of the Dubai Academic Health Corporation, which MBRU is honored to be part of.

This momentous announcement marks the establishment of Dubai's first Academic Health System integrating health education, scientific research, and clinical care following the example of leading health systems globally.

What we have built over the past five years is an incredible community of driven, like-minded professionals who are on the pathway to elevate the UAE's healthcare sector.

I look forward to working closely with our faculty, professional staff and students to meet our goals set for the coming year. I am confident in our unwavering support to drive the sector forward towards the next 50.

Amer Sharif

Welcome Home Students

MBRU Kicks off Academic Year 2020-2021



On August 30, 2020, MBRU opened its doors to returning and new undergraduate and postgraduate students bringing its student-body to 355 students.

This year was a remarkable year in MBRU's young history, as it welcomed postgraduate students into the inaugural College of Nursing and Midwifery and the newly launched Master of Science in Biomedical Sciences under the College of Medicine.

In the presence of **His Highness Sheikh Mohammed bin Rashid Al Maktoum**, UAE Vice President and Prime Minister and Ruler of Dubai, MBRU was honored to host the UAE's Flag Day event, on November 3, 2020, held under the theme “proud of you”, which celebrated the commitment and hard work of the frontliners who worked tirelessly during the COVID-19 pandemic. We are grateful to Watani Al Emarat Foundation for choosing MBRU to host this illustrious event.



HH Sheikh Mohammed
@HHShkMohd

يرتفع علمنا، فيرتفع فخرنا .. ترفرف راياتنا، ومعها ترفرف في ساحات العز
أماجدنا .. تقف شامخة سوارينا، لتعبر عن شموخ وعزة شعبنا .. تخلق في
السماء أعلامنا .. ومعها تخلق أرواح شهدائنا التي سالت دفاعاً عنها ..
#يوم_العلم

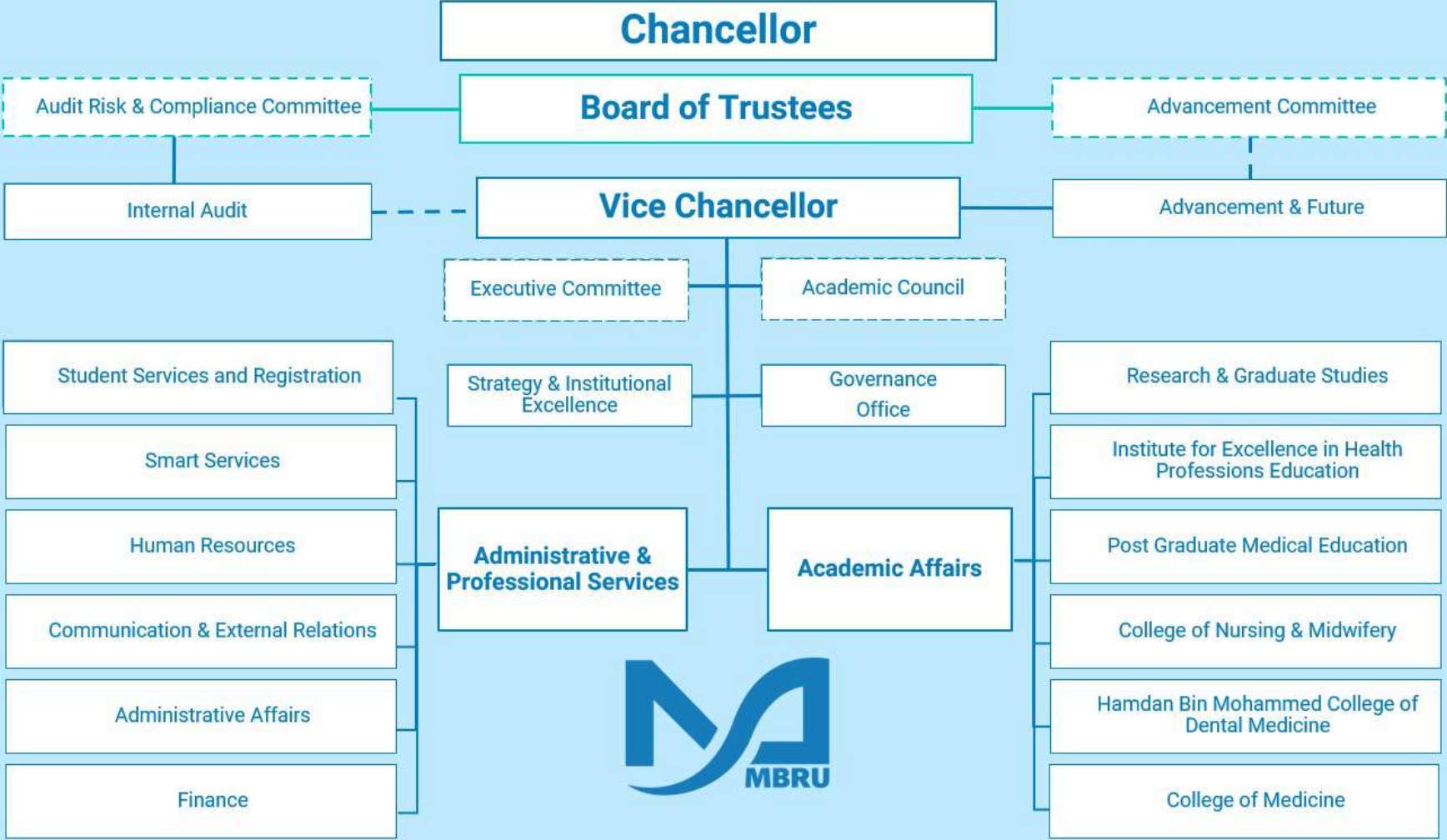


Governance





MBRU Organizational Structure





Leadership: Our Board of Trustees



H.H. Sheikh Ahmed bin Saeed Al Maktoum
Chancellor of the University
Chairperson of the Board of Trustees



H.E. Dr. Raja Easa Al Gurg
Vice Chairperson of the Board of Trustees



H.E. Abdul Rahman bin Mohammed Al Owais
Minister of Health & Prevention



H.E. Awad Seghayer al Ketbi
Director General of the Dubai Health Authority



H.E. Abdullah Abdul Rahman Al Shaibani
Former Secretary General of The Executive Council-Dubai



H.E. Dr. Abdulla Mohamed Al Karam
Director General of Knowledge & Human Development Authority



Professor Ian Greer
President & Vice Chancellor of Queen's University Belfast



Dr. Amer Ahmad Sharif
Vice Chancellor



Professor Alawi Alsheikh-Ali
Deputy Director General of Dubai Health Authority



Board Meeting

H.H. Sheikh Ahmed bin Saeed Chairs MBRU's 6th & 7th Board of Trustees Meeting

On September 16, 2020, MBRU held its sixth Board of Trustees Meeting virtually. The meeting was headed by His Highness Sheikh Ahmed bin Saeed Al Maktoum, MBRU's Chancellor and Chairperson of the Board of Trustees.

At the meeting, Dr. Amer Sharif, MBRU's Vice Chancellor presented to members of the board MBRU's progress thus far, and showcased MBRU's pivotal role in the COVID-19 pandemic.

Dr. Sharif presented statistics on MBRU's student-body who come from 39 different countries. MBRU has 368 students in which 36% are UAE Nationals and 73% are women.

On February 17, 2021, MBRU held its second Board of Trustees meeting for the academic year 2020-2021 virtually, chaired by His Highness Sheikh Ahmed bin Saeed Al Maktoum, MBRU's Chancellor and Chairperson of the Board of Trustees. At the meeting, the latest developments within the University's academic and research programs were discussed, as well as its strategic directions centered around education, research, sustainability, governance, and community engagement.





The Establishment of Dubai Academic Health Corporation

In July 2021, His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, has issued Law No. (13) of 2021 establishing the Dubai Academic Health Corporation, and Law No. (14) of 2021 amending some clauses of Law No. (6) of 2018 pertaining to the Dubai Health Authority (DHA).

According to the Law, the following entities will integrate and form the new Corporation: DHA's Dubai Healthcare Corporation, including the hospitals and organizational units under it; the Mohammed Bin Rashid University of Medicine and Health Sciences; Dubai Dental Hospital; Al Jalila Foundation; Al Jalila Children's Specialty Hospital, and any other entities mandated to be part of the Corporation as per legislations issued by the Ruler of Dubai.

The Corporation aims to advance health services in Dubai through a new academic system that integrates healthcare, medical education and scientific research. It also aims to improve the efficiency, quality and accessibility of Dubai's healthcare services in accordance with the highest standards and best practices. It will seek to strengthen Dubai's leadership in academic education and scientific research in the fields of medicine and health sciences, as part of the broader strategy to strengthen the knowledge economy.

The other key goals of the Corporation include attracting and retaining medical and research talent, enhancing Emiratization in various healthcare fields and providing a supportive environment for scientific and clinical research. It will also work to enhance the capabilities of Dubai's healthcare sector to prevent and treat diseases and epidemics.

Furthermore, the Corporation will develop the services and programs of its health facilities so that they can obtain international certifications. It will also develop educational and professional programs for healthcare personnel and promote strategic public-private sector partnerships to meet its objectives.

Academic Health System

Clinical Affiliates and Strategic Partnerships





Institutional Accreditation



American College of Surgeons

MBRU was accredited as a Comprehensive Education Institute, a first in the UAE.

UNITED ARAB EMIRATES
MINISTRY OF EDUCATION



UAE Ministry of Education

MBRU has been accredited as a **Low Risk (High Confidence)** institution by CAA.



الهيئة السعودية للتخصصات الصحية
Saudi Commission for Health Specialties

Saudi Commission Accreditation

Full Institutional Accreditation obtained.

Education





Our Degree Programs






College of Medicine

-  Bachelor of Medicine and Bachelor of Surgery
-  MSc. in Biomedical Sciences

College of Nursing and Midwifery

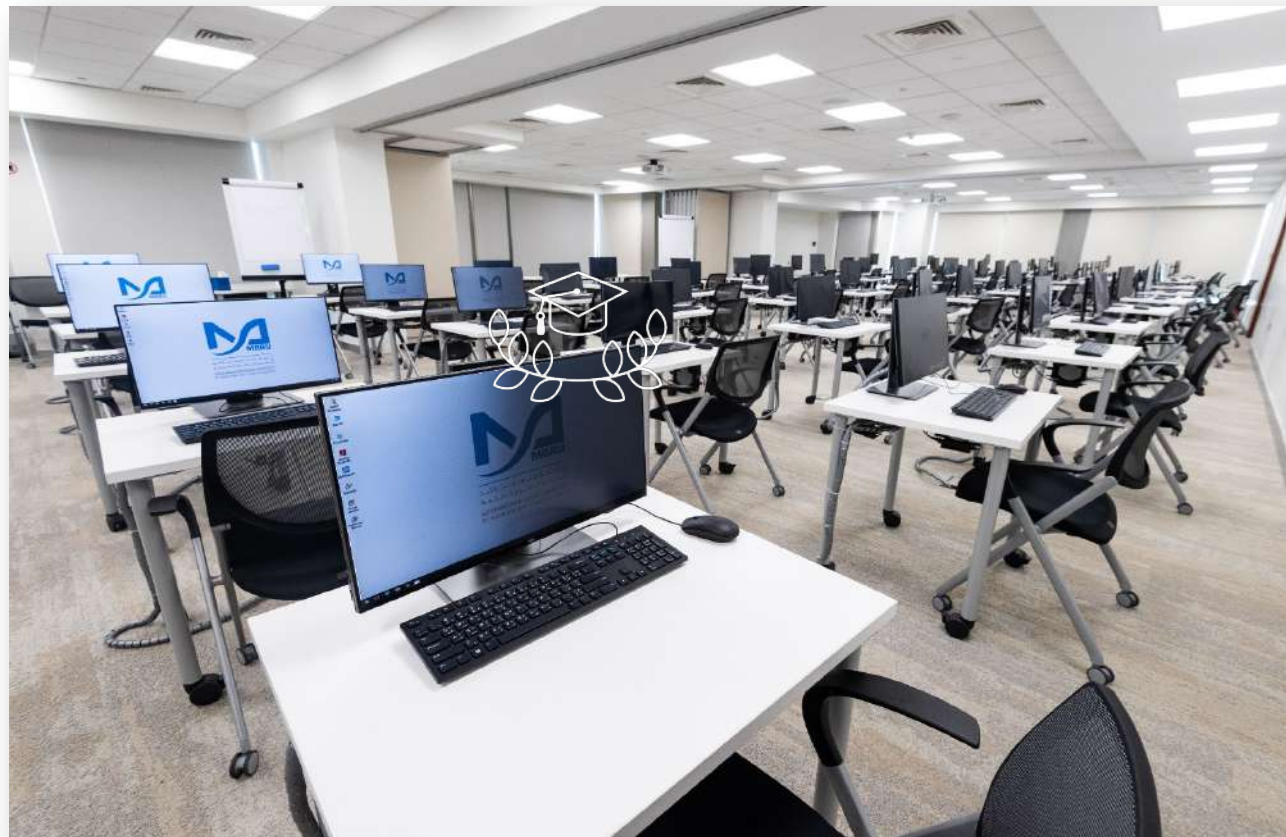
-  MSc. in Cardiovascular Nursing
-  MSc. in Pediatric Nursing

Hamdan Bin Mohammed College of Dental Medicine

-  MSc. in Endodontics
-  MSc. in Prosthodontics
-  MSc. in Periodontology
-  MSc. in Pediatric Dentistry
-  MSc. in Orthodontics

Deanship of Research and Graduate Studies

-  Ph.D. in Biomedical Sciences





Postgraduate Medical Education



Dental

- Endodontic Residency Program
- Dental Internship Program



Training site:
Dubai Dental Hospital

Medical

- Al Jalila Children's Pediatric Residency Program
- Al Jalila Children's Child and Adolescent Psychiatry Fellowship Program



Our Faculty and Staff



80
Faculty

106
Staff

32

Nationalities



20%

UAE Nationals



51%

Women





Our Adjunct Faculty



377
Adjunct Faculty*

*primarily for the MBBS program





Our Alumni



25

New Graduates
in AY 2020/2021



127

Total number of Alumni
in AY 2020/2021



69%

UAE Nationals



Our Students



Academic Year: 2020-21

355

Total students

39

Nationalities



34%

UAE Nationals



73%

Women





MBRU Joins the Association of American Medical Colleges Visiting Student Program to Boost Educational Development of Budding Healthcare Professionals

MBRU has joined the Visiting Student Learning Opportunities (VSLO®) program, a service of the AAMC (Association of American Medical Colleges), to engage medical students and faculty worldwide and expand their international mobility. The collaboration will allow MBRU students to pursue opportunities for clinical electives in reputable medical schools in the United States and other participating countries.

The agreement, announced in March of 2021, also enables MBRU to host students from AAMC-affiliated institutions in the future, providing U.S. medical students with valuable exposure to the growing healthcare sector in the UAE.





MBRU Amplifies Commitment to Shaping Future of UAE's Healthcare with College of Nursing and Midwifery Launch

MBRU has launched a College of Nursing and Midwifery, offering two postgraduate programs in Cardiovascular and Pediatric Nursing. The new college which welcomed students in August of 2020, is the latest decisive step in MBRU's mission to become a global hub for innovative and integrated healthcare education.

Students will be trained to deliver high-quality care and develop their skills across specialist areas of nursing and in specific clinical settings. In addition, the MBRU College of Nursing and Midwifery is partnering with Queen's University of Belfast in Northern Ireland, which will allow students to undergo a 12-week period of clinical nursing practice at the Belfast Health and Social Care Trust as part of the program.





College of Medicine Students Begin Clinical Rotations

As part of our strategic partnerships with educational, research and healthcare institutions, MBRU's first cohort of Year-5 medical students began their clinical rotations.

Neurology/Emergency/Trauma/Orthopedics



Mediclinic Middle East



Rashid Hospital



OB/GYN Latifa Hospital





Ophthalmology Moorfield's Eye Hospital Dubai

Pediatrics Al Jalila Children's Specialty Hospital





Congratulations to our first cohort of dental interns who completed their internship at Dubai Dental Hospital, the teaching hospital of Hamdan Bin Mohammed College of Dental Medicine.



مستشفى
دبي للأسنان
Dubai Dental
HOSPITAL





Postgraduate Medical Education

Clinical Rotations

As the institution overseeing training programs in affiliate training sites, MBRU initiated and signed with DHA and Al Jalila Children's Specialty Hospital (Al Jalila Children's) agreements to facilitate Hematology/Oncology rotations for Al Jalila Children's pediatric residents in Latifa Hospital and Hematology and Oncology Departments, and to facilitate Child and Adolescent Psychiatry rotations for Al Jalila Children's Child and Adolescent Psychiatry Fellows in Rashid Hospital's Child and Adolescent Psychiatry Service and Latifa Hospital's Rehabilitation Department - Psychology Services.



Congratulations to **Dr. Salwa Al Hosani** and **Dr. Lana Arab**, the first graduates of the Al Jalila Children's Specialty Hospital's Child and Adolescent Psychiatry Fellowship run in academic partnership with MBRU. The Program is the UAE's first training program for psychiatrists and the first and only center in the UAE to receive the Saudi Commission for Health Specialties (SCFHS) accreditation.



Dr. Salwa Al Hosani



Dr. Lana Arab





MBRU Launches the 1st Endodontic Residency Program in the UAE accredited by the Saudi Commission for Health Specialties

On January of 2021, MBRU launched the 1st Endodontic Residency Program in the UAE that's accredited by the Saudi Commission for Health Specialties (SCFHS). The program is the first dental program to be accredited by SCFHS outside the Kingdom of Saudi Arabia. After the successful completion of the 3-year residency program graduates will become eligible to sit for the Saudi Board Certification Exam. The Saudi Specialty Certificate in Endodontics issued by the SCFHS is recognized by the UAE PQR as Tier 2 qualification. The program will take place at Dubai Dental Hospital in affiliation with Hamdan Bin Mohammed College of Dental Medicine (HBMCDM).





Student Life @ MBRU





CONGRATULATIONS TO THE NEWEST MEMBERS OF THE STUDENT COUNCIL



Fatma Al Obeidli
President

Hind Al Awadhi
Vice-president

Ghadah Al Sharif
Treasurer

Dr. Ahlam Habib
Secretary

Jessie Joseph
Events & Clubs Chair

Joanna Kovilpillai
Media &
Communications
Chair

Dr. Tasneem Mujtaba
Events & Clubs Chair



Student Life

Dental Open Day



Dental Open Day was held on January 30, 2021. We invited guests from Dubai Police, DHA, Abu Dhabi Health Services Company (SEHA), and the Ministry of Health & Prevention (MOHAP) to learn more about our dental programs and to also have the chance to meet our faculty and our students and Alumni.

We then hosted a second open day which was different from the first one as students had the chance to physically meet one-on-one with our faculty members.

Mocha Talks ☺

An evening of virtual fun and games, led by the students' counselor was held for postgraduate students to give them an entertaining night while they bonded over stories, catching up with colleagues and much more.



2nd Annual MBRU Medical Education Symposium



The Institute for Excellence in Health Professions Education (ieHPE) at MBRU in collaboration with the College of Medicine hosted the 2nd Annual MBRU Medical Education Symposium – virtually. The 3-day symposium boasted a rich itinerary with expert panel discussions, plenary sessions, and workshops hosted by more than 25 inspirational speakers. The symposium was a success, with more than 1,000 attendees from countries spanning the globe.



Accomplishments



Our Year-5 medical students in the MBBS Program at the College of Medicine, **Aya Akhras** and **Rashed Rowaiee** are the first medical students in MBRU to pass the United States Medical Licensing Exam (USMLE) Step 1.



Research





Research Productivity



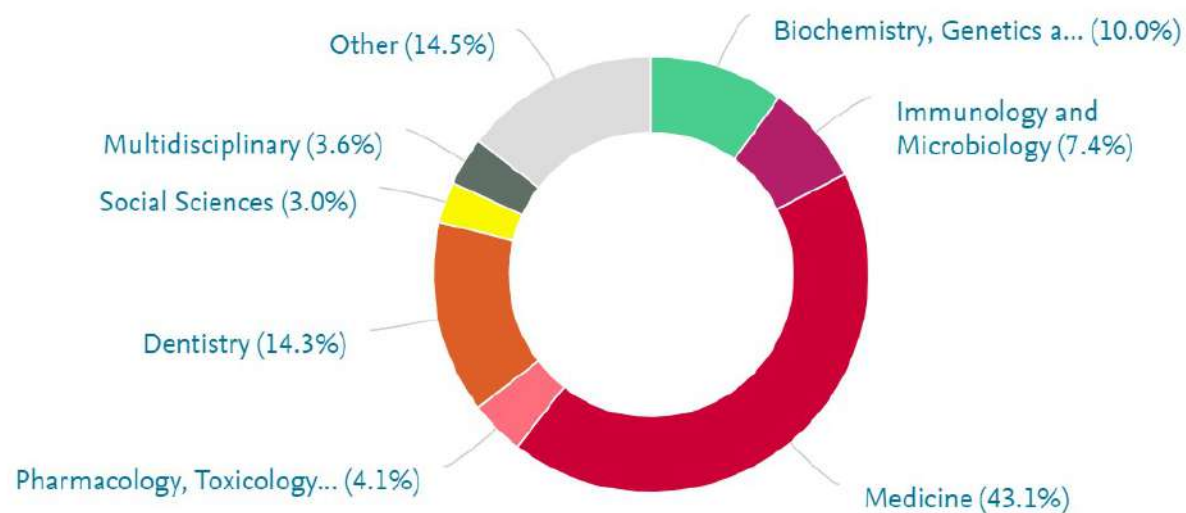
Quality Metrics of MBRU Publications



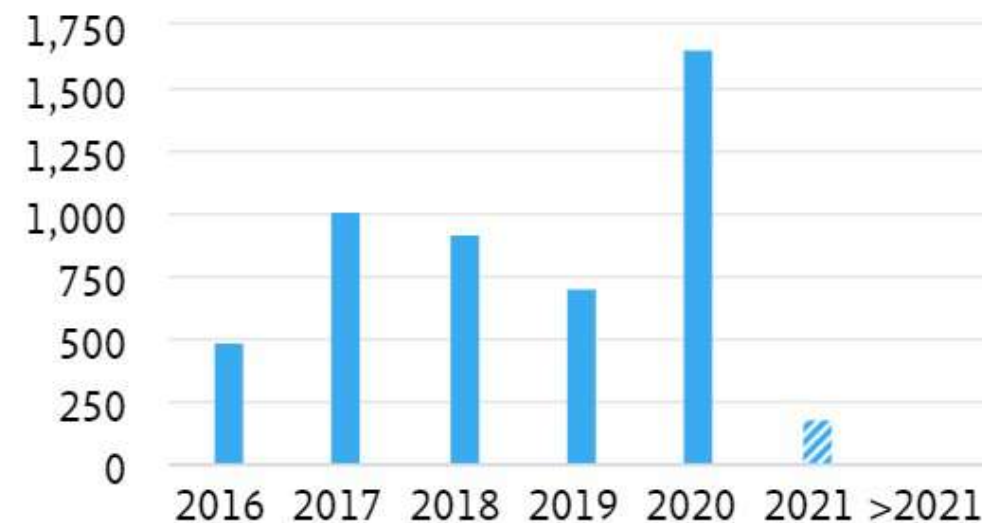
*by SJR



Publications by Subject Area - MBRU

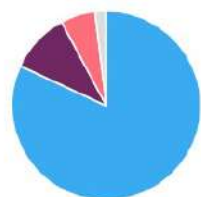


Citation Count at MBRU 4976



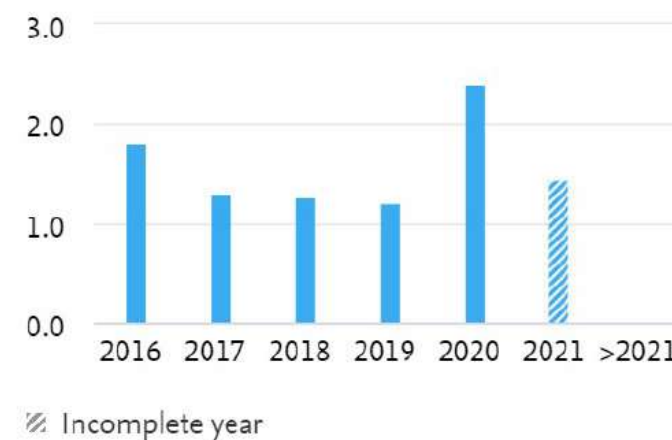


Scholarly Outputs Highlighting the Importance of International Collaboration at MBRU



Metric		Scholarly Output	Citations	
				<input type="button" value="v"/>
International collaboration	81.9%	483	4,640	
Only national collaboration	10.3%	61	189	
Only institutional collaboration	5.9%	35	136	
Single authorship (no collaboration)	1.9%	11	11	

Field-Weighted Citation Impact 1.64
(64% above world average)





MBRU Research Uncovers Saliva Testing as Effective Alternative to Nasal Swab in COVID-19 Detection

Researchers from MBRU have made a significant contribution to the fight against COVID-19 with the completion of a study into the effectiveness of saliva as an alternative to the nasopharyngeal swab for COVID-19 screening.

The study, a first in the UAE and the MENA region, was a close collaborative effort between the public and private sectors and academia.

The research team from MBRU were joined by teams from DHA; Unilabs; Cleveland Clinic Abu Dhabi; New York University Abu Dhabi (NYUAD); and the National Reference Laboratory.

The study was announced in September of 2020.



Faculty Members Publish the first Study of its Kind in the UAE on ‘Comprehensive Ocular Examination of Healthy Newborns in the Middle East’

Reducing childhood blindness was identified as a strategic priority in the “Vision 2020 – The Right to Sight” program established by the World Health Organization in partnership with the International Agency for the Prevention of Blindness (IAPB) with the joint goal to eliminate avoidable blindness by 2020. Our faculty members Dr. Igor Kozak and Dr. Syed M. A. Ali published the first study of its kind in the UAE on the ‘Comprehensive Ocular Examination of Healthy Newborns in the Middle East’ in the journal of Ophthalmic Epidemiology. The study found out that a comprehensive ocular examination has the ability to identify a significant number of ocular abnormalities in healthy infants associated with preventable causes of childhood vision impairment that may have gone undetected using red-reflex screening alone.



MBRU-Led Genetic Study Reveals Crucial Insights into Make-Up of MRSA Superbug

In 2020, Researchers from MBRU led a study identifying and analyzing specific strains of the potentially deadly “superbug” Methicillin-resistant *Staphylococcus aureus* (MRSA) in the Gulf Cooperation Council (GCC) region.

The study, which was funded by MBRU, is the first-of-its-kind in the UAE, and a collaboration with teams from Rashid Hospital, Dubai Health Authority, Dubai; Mediclinic City Hospital Dubai; Sheikh Khalifa General Hospital, Umm Al Quwain; and Sheikh Khalifa Medical City, Abu Dhabi; as well as colleagues from institutions in Germany including the Leibniz Institute of Photonic Technology and the InfectoGnostics Research Campus in Jena Germany. Ethical approval for the study was obtained from MBRU Institutional Review Board and relevant research ethics committees in collaborating centers.

The collaborative efforts produced several key findings, including the existence of an extensive collection of MRSA strains in the UAE and the emergence of MRSA strains not previously identified in the GCC, including rare and novel strains. The study also found that the genetic profile of MRSA indicates antibiotic misuse to be a contributory factor to the continuing evolution of MRSA.

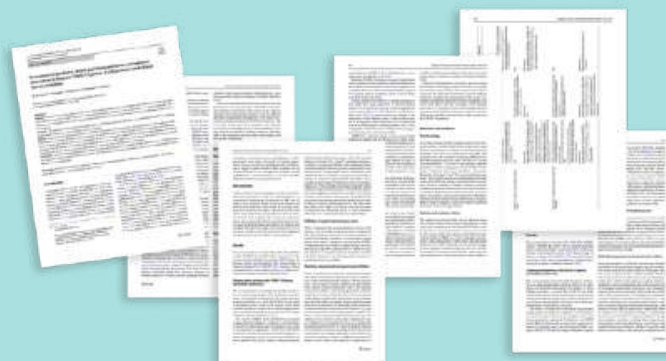
**Study announced in November of 2020*





Student and Faculty Publications

The paper "Assessment of Paediatric Dental Guidelines and Caries Management Alternatives in the Post COVID-19 Period: A Critical Review and Clinical Recommendations" was published in the European Archives of Paediatric Dentistry.



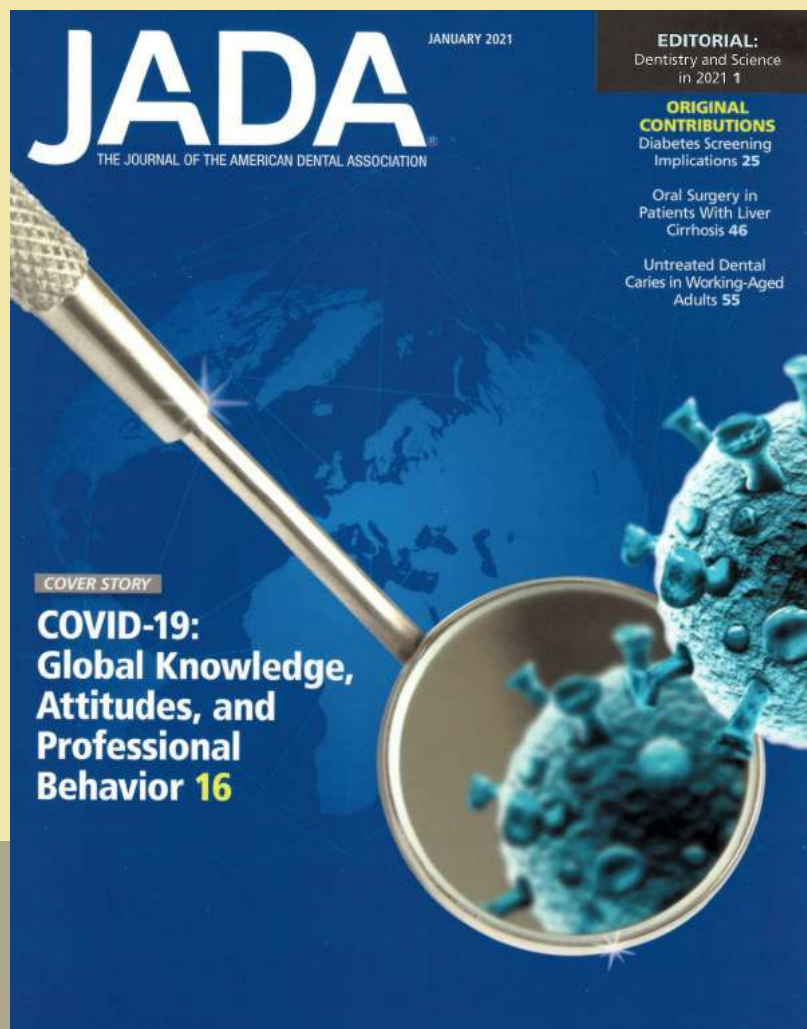
Our Year-5 medical student Anas Zahid published a review paper on CART Cell Toxicities in the journal of Clinical Hematology International along with our colleagues at Mayo Clinic.



Faculty and Alumni Publications

How are dentists responding to the COVID-19 pandemic? A multisite survey of dentists' perspectives published in and featured on the front cover of the Journal of the American Dental Association (JADA), featuring Dean of the Hamdan Bin Mohammed College of Dental Medicine (HBMCDM) at the time, Professor Zaid Baqain, and Professor Amar Hassan Khamis.

Early childhood caries is the most common childhood disease in preschool children which often requires dental treatment under restorative dental general anesthesia. Our alumnus Dr. Kholoud Al Antali & our faculty members from HBMCDM recently published in the British Dental Journal their findings on the changes in preschool children's oral health- related quality of life following restorative dental general anesthesia.





Establishing a Center for Genomic Discovery

First of its kind in the UAE

Aim of the Center for Genomic Discovery

Encourage interdisciplinary research in Genetics, Molecular Biology, Systems Biology, Clinical Sciences.

Enhance recruitment of external funding.

Lead to novel diagnoses and gene discovery of Mendelian disorders in the UAE that are unique to this population; which can lead to better care of patients with these disorders worldwide.

Be a biorepository for DNA samples serving as a national resource for researchers conducting health-related researches now and in the future.

Lead to publications in high profile journals as well as graduate student training.



MBRU, DHA and Breathonix Undertake Research on Rapid COVID-19 Breath Test

On March 13, 2021, MBRU, the Dubai Health Authority and the National University of Singapore spin-off Breathonix Pte Ltd, carried out a joint clinical trial to assess the accuracy of an easy-to-use breath test to detect COVID-19 within one minute.

The trial was conducted at DHA's Nadd Al Hamar primary health care center for 2,500 patients. If approved and implemented; this technology will significantly reduce the burden on laboratory processing. It will drastically reduce the time taken to get the results in comparison to the presently available testing methods such as a polymerase chain reaction (PCR) test. The breath test for screening COVID-19 is highly efficient for mass screening especially in areas of high-traffic.

Emirates Airline as also provided the necessary support to transport the breath test system from Singapore to Dubai.



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MBRU Wins Modernization Award for Research & Grant Management Project

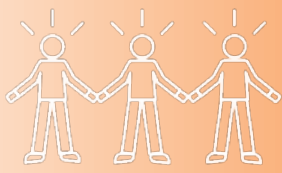
At MBRU we aspire to become a leading research-focused medical academic institution and to create an innovative and enriching research environment that will support the advancement of healthcare in the UAE and globally. To that end, MBRU has adopted Cayuse, a research administration software, to innovatively and seamlessly ease the process of research and grants management.

The innovative platform will reduce a burden on the administrative staff. It will allow MBRU to have a record system of the entire research portfolio, track budget details electronically, have real-time visibility into projects, proposals, and award status, as well as sponsored project lifecycle management from proposal creation to award close-out.



Community and External Engagement





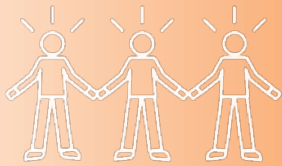
MBRU Deploys its 'Wellness on Wheels' Mobile Clinics in Dubai to Bolster COVID-19 Vaccination Drive Citywide

MBRU, in collaboration with the Dubai Health Authority, conducted a COVID-19 vaccination drive across the city through mobile clinics deployed as part of its Wellness on Wheels (WoW) initiative, a unique project launched by MBRU to provide medical assistance to community members.

Announced in March 2021, more than 24,000 people received their COVID-19 vaccination through the WoW mobile clinics.

The first initiative of its kind using mobile clinics, MBRU's WoW aims to further the University's goal of giving back to the community and its pledge of serving humanity through the provision of advanced healthcare services. Staffed by volunteer healthcare specialists, the clinics seek to expand access to healthcare services and provide medical assistance to blue-collar workers, orphans, and other unprivileged individuals in the UAE.





Community and External Engagement @



ميدىكلينيك
MEDICLINIC

مستشفى الإمارات التخصصي
Emirates Specialty Hospital

مؤسسة الجليلة
AL JALILA FOUNDATION



مستشفى
دبي للأسنان
Dubai Dental
HOSPITAL

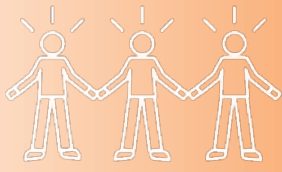
GREEN COAST
ENTERPRISES

الإمارات الإسلامي
EMIRATES ISLAMIC

Dr. Amer Mohammed Al Zarooni, Deputy Vice Chancellor of Administration and Professional Services, MBRU, Supply Chain Team Leader, Dubai COVID-19 Command and Control Center, and Director of the Wellness on Wheels Program, MBRU said that as a responsible member of the healthcare community, it was MBRU's duty to lend its expertise and resources for the protection and betterment of public health.

"For all of us at MBRU, advancing healthcare in the UAE through constant innovation and integrated solutions is among our top priorities. The Wellness on Wheels mobile clinics are fully capable of administering the COVID-19 vaccine as per DHA standards. The mobile clinics will play a crucial role in expanding the reach of the vaccination drive and protecting more segments of the community through timely intervention," he said.





Community and External Engagement @



A city-wide campaign launched in collaboration with Emarat Al Youm and Islamic Affairs & Charitable Activities Department during Ramadan successfully raised funds over **AED 22 Million** to support kidney failure patients.

مبادرة من
الإمارات اليوم

بال تعاون مع
إدارة الشؤون الإسلامية
Islamic Affairs & Charitable Activities Department

تبرعكم حياة
Your Donation Saves Lives

مبادرة إنسانية تهدف إلى مساعدة
38 مريضاً من مرضى الكلى
الذين يحتاجون إلى الزراعة في الدولة

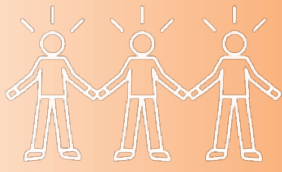
بمبلغ 22 مليوناً و670 ألف درهماً

أو عبر الخط الساخن للإمارات اليوم

معلومات الحساب المصرفي	
البنك	Bank
رقم كى بان	IBAN
رقم الحساب	Account Number
كود التحويل	Swift Code

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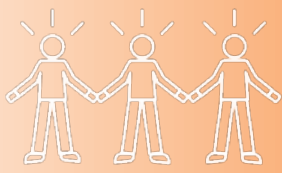


Five Entities in Dubai Healthcare City Launch a Collaborative Month-Long Campaign to Intensify Awareness on Kidney Health

In observation of World Kidney Day in March of 2021, MBRU, Dubai Healthcare City (DHCC), Al Jalila Children's Specialty Hospital (Al Jalila Children's), Mediclinic City Hospital, and Al Jalila Foundation (AJF) launched a month-long awareness campaign around kidney disease, organ donation, and transplantation.

As part of the **'Think Kidney'** campaign, three virtual sessions were held amongst other initiatives that put the spotlight on kidney health, Chronic Kidney Disease (CKD), transplantation, organ donation, contributing to supporting transplant programs, and patient experiences.





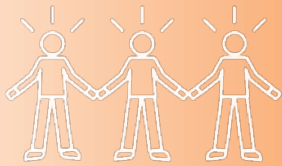
Mediclinic City Hospital in Partnership with MBRU and Al Jalila Children's Specialty Hospital Perform 1st Living Donor Kidney Transplant Surgeries



On December of 2020, MBRU and Mediclinic City Hospital, in partnership with Al Jalila Children's Specialty Hospital (Al Jalila Children's), carried out the first living donor kidney transplant surgeries under the MBRU Organ Transplant Program, making it the first for Mediclinic City Hospital and Al Jalila Children's.

The success of performing these live donor transplants in Dubai is an ultimate demonstration of collaboration and team efforts of three institutions, pulling together all their resources and delivering the best healthcare for patients suffering from end stage renal disease.





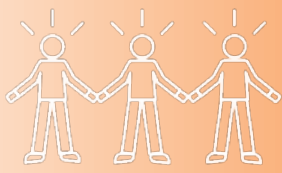
5 Transplants in Less Than 10 Days Under the MBRU Transplant Program

MBRU joined forces with Al Qassimi Hospital earlier this year to support its accreditation as a kidney transplant center. This collaborative effort is an illustration of the objective of the MBRU Organ Transplant Program which aims to establish through partnerships with healthcare providers services for organ transplantation to meet the growing demand in the country, help those patients by increasing the number of organ transplantation in the UAE which eventually improves the quality of life of those patients and their families. The MBRU Organ Transplant Program works in partnership with the National Transplant Program of the Ministry of Health and Prevention.

In December of 2020, MBRU, Mediclinic Middle East and Al Jalila Children's Specialty Hospital (Al Jalila Children's) signed a tripartite agreement to collaborate and work together to support the organ transplant efforts in the country under the MBRU Organ Transplant Program. Today, the 3 institutions act as one front in this effort.

In less than 10 days, the program surgeons Dr. Waldo Concepcion and Dr. Farhad Janahi carried out the first 2 living donor kidney transplants in Mediclinic City Hospital, a living donor kidney transplant in Al Qassimi Hospital along with Dr. Suad Sajwani and the medical team of the hospital; and 2 deceased donor kidney transplants in Mediclinic City Hospital and Al Jalila Children's.





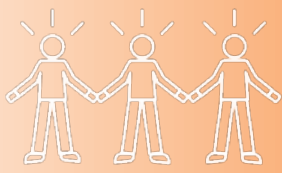
Collaboration on Vaccination Training

MBRU and the Dubai Health Authority implemented a vaccination training program in which online courses were developed and delivered on MBRU Learn.

The procedural skills training and assessment part was conducted at the Khalaf Ahmad Al Habtoor Medical Simulation Center, MBRU.

The vaccination training serves as a good example of an integrated healthcare education system involving multiple stakeholders who worked together for the betterment of the national healthcare system.





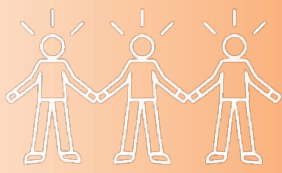
Innovation in Action

MBRU's Simulation Center Comes to the Aid of Parents of Newborn Baby Facing Severe Respiratory Complications

Reiterating its goal of selflessly serving communities, MBRU joined forces in November of 2020 with Mediclinic Middle East, MBRU's clinical affiliate, by helping a family of a newborn baby facing severe breathing problems to access its medical simulation center to perfect the insertion of a tracheostomy tube to help the baby breath safely.

The baby developed severe respiratory complications following premature delivery and the insertion of a tracheostomy tube was prescribed to aid in breathing safely. MBRU's Khalaf Ahmed Al Habtoor Medical Simulation Center, the largest facility of its kind in Dubai, opened its doors to the parents and a professional caregiver, to allow them the chance to familiarize themselves with the entire process by simulating the insertion of the tube on medical mannequins.

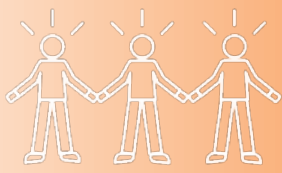




Connecting with Future Health Professionals

MBRU participated in the Najah Connect virtual exhibition. The University organized two interactive sessions to connect with future health professionals, the first session “Become the Next Frontliners” by Dr. Rasha Buhumaid, Assistant Professor of Emergency Medicine, College of Medicine, and Ahmad Al Awadhi, Senior Director of Student Services and Registration, while Nujood Al Khloofi, Director of Communications and External Relations gave the second session to showcase the unique aspects of the University and help students make the right academic choices.





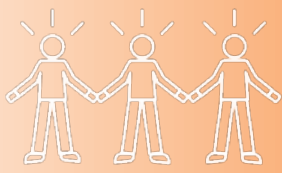
MBRU Chancellor His Highness Ahmed Bin Saeed Al Maktoum Meets Chairman of the Executive Board of E. Merck KG to Discuss Research and Knowledge-Sharing Collaboration

On December 15, 2020, MBRU welcomed Professor Dr. Frank Stangenberg-Haverkamp, chairman of the executive board of E. Merck KG, one of the world's oldest and largest companies specializing in life sciences, healthcare and performance materials; to discuss collaborative efforts in research and knowledge exchange.

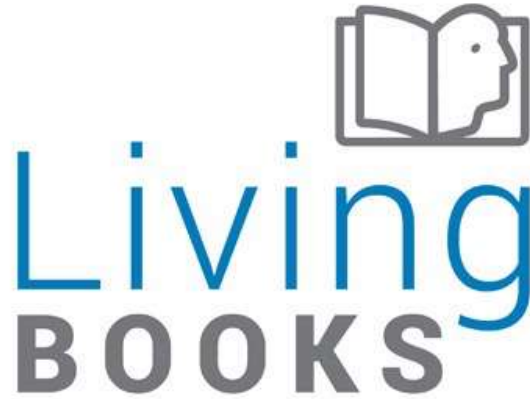


The visit with Professor Dr. Stangenberg- Haverkamp is a realization of MBRU's vision of becoming a global hub for innovative and integrated healthcare education and research at the service of humanity.

Collaborations and relationships with leading life science companies are crucial in helping bridge the gap in the quest to advance healthcare, in alignment with the Emirate's ambitious vision to advance this vital sector.

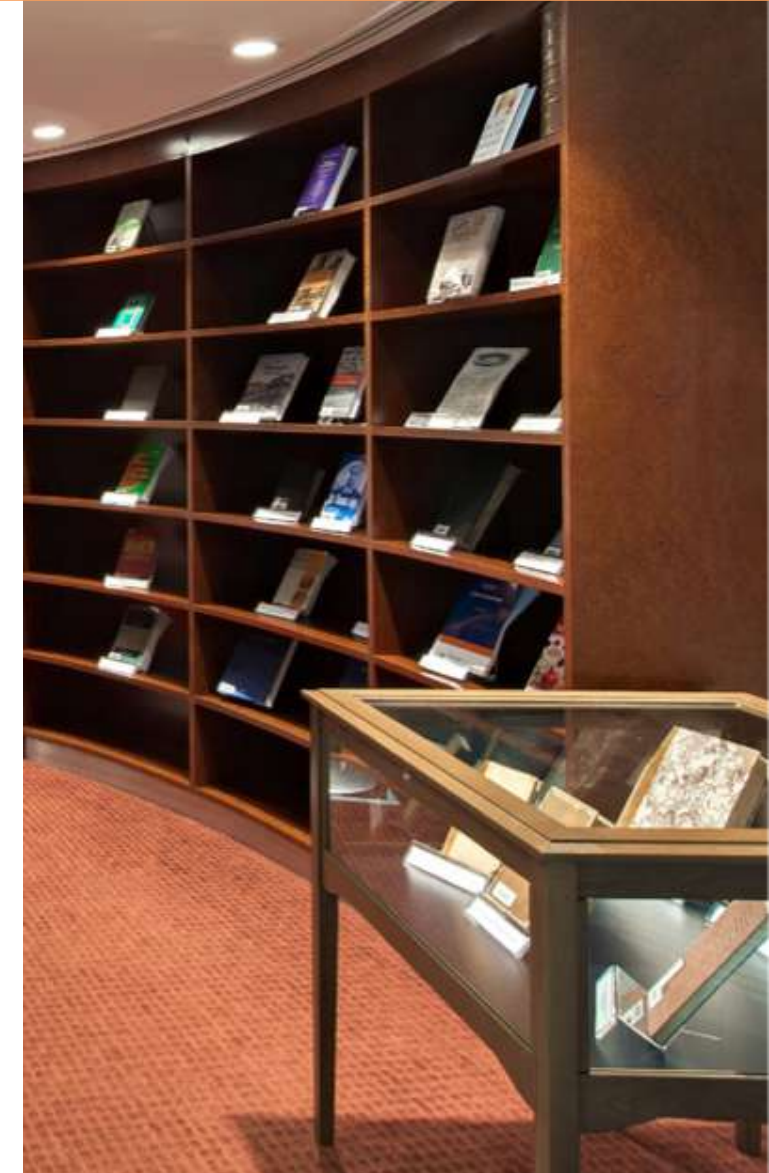


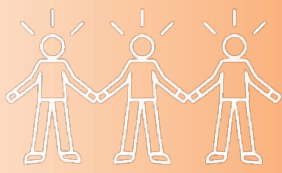
MBRU's Living Books Event is Officially a Trademark



The Al Maktoum Medical Library at MBRU has successfully registered the trademark of its Living Books event through the Ministry of Economy, Dubai.

Living Books® is an annual event held at the library in which members of our community volunteer to share the experiences that have shaped their lives and identities in brief one-on-one conversations, in a safe and respectful environment. It provides a platform for open and honest conversations that can potentially lead to greater understanding, acceptance and social cohesion in the community.





MBRU Joins UAE Ministry of Education's Estedad Program to Engage Future Healthcare Professionals



UNITED ARAB EMIRATES
MINISTRY OF EDUCATION

برنامج
سفراؤنا
الوطني
إستعداد

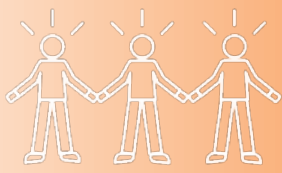
ESTEDAD | NATIONAL
AMBASSADORS PROGRAM

MBRU has taken strides to engage healthcare professionals of the future by playing a leading role in the UAE Ministry of Education's Estedad program, in August of 2020. The program is a one-of-a-kind program that helps students transition from high school to university.

The Estedad program aims to provide high school students from both public and private schools with the essential skills in research, entrepreneurial leadership, and diplomacy; as well as soft skills and provide them with a set of academic tools that will positively impact their university applications.

MBRU faculty hosted a series of sessions titled *MBRU Academic Health System Program* in line with its commitment to the development of high-quality teaching and learning experiences and Estedad's objective to empower high school students with enriching experiences, promote innovation, and foster community engagement.





Postgraduate Dental Students Volunteer at Red Crescent Clinics



During the 2020-2021 academic year, Year-3 postgraduate dental students at the Hamdan Bin Mohammed College of Dental Medicine provided dental care at the Red Crescent clinics across Sharjah, working under the guidance of MBRU faculty and adjunct faculty outside of teaching and training hours.



As part of Healthcare Simulation Week 2020, MBRU's Simulation Center, *The Khalaf Ahmad Al Habtoor Medical Simulation Center*, has successfully concluded its #MBRUSIMCONNECT2020 with workshops, virtual scholarly interactions, scientific sessions, and competitions.

Sustainability





Our Supporters

(Scholarships, Sponsorships, Donations & Research Grants)



Julphar

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Advancement



- **Launch of The MBRU Online Shop**
- **Establishment of the MBRU Endowments**
- **Agreement inked with Awqaf and Minor Affairs Foundation**
- **Agreement inked with Islamic Affairs and Charitable Activities Department**
- **Launch of the Wellness on Wheels Program**



ZAKAT Fund

The MBRU Zakat Fund campaign was launched during the holy month of Ramadan to support the educational journey of future doctors.

Under the slogan *Donate today for our frontliners, the doctors of tomorrow*, the 2020 campaign collected more than AED 95,000 in donations.



MBRU
@MBRUniversity

Donate Today to our Frontliners, the Doctors of Tomorrow through Zakat Fund's #Ramadan campaign. Support the education of future doctors in collaboration with #MBRU. Link to donate: bit.ly/Zakat-MBRU



Donate Today
to our Frontliners,
the Doctors
of Tomorrow

استثمر زكاتك
اليوم في خط
دفاعنا الأول،
أطباء الغد


صندوق الزكاة
ZAKAT FUND

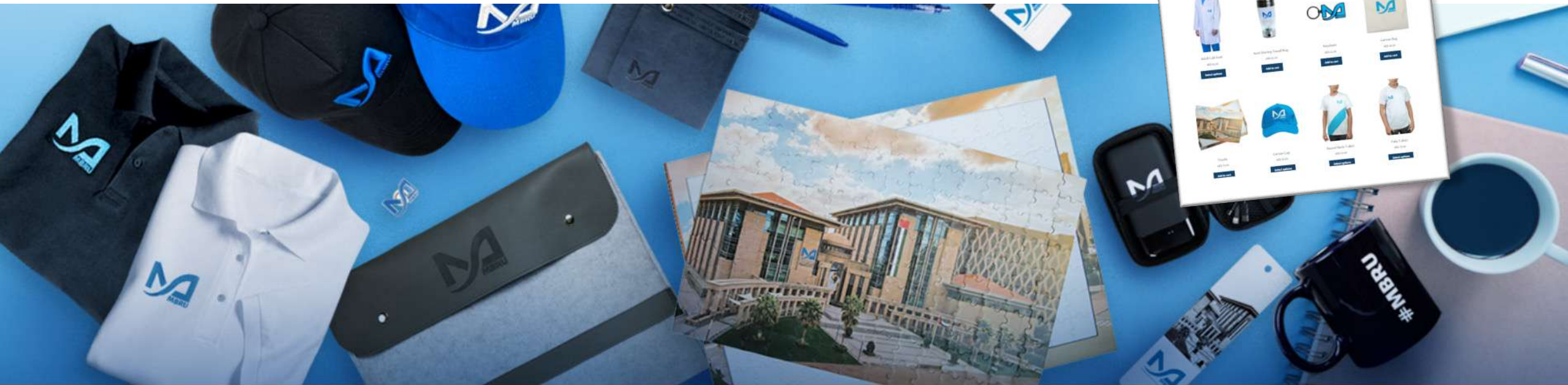
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جامعة محمد بن راشد
للطب والعلوم الصحية
MOHAMED BIN RASHID UNIVERSITY
OF MEDICINE AND HEALTH SCIENCES



Launch of The MBRU Online Shop





Health Endowment

Awqaf and Minors Affairs Foundation in Dubai and MBRU have launched the first health endowment which supports the healthcare sector as well as diseases and epidemics research.

The health endowment will consist of four residential villas built on a 7,200 square feet plot of land in the Al Bada'a area in Dubai. The cost of the land and construction is estimated at nine million dirhams funded by benefactors.



Emiratization





Congratulations

His Highness Sheikh Mohammed bin Rashid Al Maktoum has appointed Professor Alawi Alsheikh-Ali, Provost and Founding Dean of the College of Medicine, MBRU, as Deputy Director General of Dubai Health Authority in January of 2021.



Positive Global Impact Award



MBRU's Vice Chancellor **Dr. Amer Sharif** has made history as the first recipient of the 'Positive Global Impact' Award by the renowned Royal College of Surgeons in Ireland (RCSI), under RCSI's Institute of Leadership 2020 Alumni Award. **Dr. Sharif** is the first graduate from RCSI to receive the positive global impact award and the 1st UAE national to receive an RSCI alumni award. He received the award for his instrumental role in establishing and further raising MBRU's profile.

"An inspirational leader in Middle Eastern healthcare, Amer's desire and drive for excellence has seen him be instrumental in both the initial inception and in further raising the profile of the Mohammed Bin Rashid University of Medicine and Health Sciences. A leader for change in healthcare, Amer is using his vast experience to shape the future of health systems within the UAE, through the promotion of innovative and integrated academic services, in a system that is nationally responsive and globally connected. Receiving the Positive Global Impact award, we are incredibly proud to recognize the work of such an inspirational leader in healthcare," said a statement from RCSI.



Emirati Scientist under the Spotlight

In a study, researchers at University of Pennsylvania, and MBRU's very own Dr. Saif Alqassim, Assistant Professor of Biochemistry, College of Medicine, have discovered the molecular mechanism by which a major cytoskeletal motor's processivity, dynein, is controlled. Dynein is a molecular motor that is responsible for transport of various cellular cargo, plays critical roles in cell division, and is hijacked by viruses during infection.

Dr. Saif is one of the first Emirati scientists to get trained in structural biology and biophysical chemistry at world-renowned institutions; Johns Hopkins University School of Medicine and the Perelman School of Medicine at the University of Pennsylvania and aims to establish this line of research in the UAE, through a continued collaboration with his co-authors laboratories at University of Pennsylvania.





Congratulations to **Dr. Reem Al Gurg**,
Director of Strategy and Institutional
Excellence, on her graduation from the
Mohammed bin Rashid Center for
Leadership Development's Impactful
Leaders Program.

مركز محمد بن راشد لإعداد القادة
Mohammed Bin Rashid Center for
Leadership Development





Honorary Appointment

MBRU has appointed the director of nursing at the Ministry of Health and Prevention, Dr. Sumaya AlBlooshi as Associate Dean of Academic Partnerships at the College of Nursing and Midwifery. This appointment comes as an honorary appointment as a recognition for Dr. AlBlooshi's outstanding and continuous contribution and support for nursing education. Dr. AlBlooshi will also serve as an Adjunct Associate Professor at the College.



Developing Local Talent

34%

STUDENTS

20%

STAFF

69%

ALUMNI



MBRU Celebrates Employees at 2nd MBRU Excellence Awards

Congratulations to all our winners





Alawi Alsheikh-Ali Excellence in Leadership

Named after MBRU's inaugural Dean of Medicine and a founding member of the University, Professor Alawi Alsheikh-Ali. His leadership was instrumental to the development of MBRU and the establishment of the first academic health system in Dubai. Not only was he an exceptional leader, but he has earned the respect of many within MBRU and externally. These are the qualities that the winner of this award should emulate.



Alia Saif Hidden Star Award



Subeksha Thapa



Justine Bautista



Nabeel Nazar

Community Engagement Award



Farah Otaki

Innovation Award (MBRU Summer Scholars Program)

- Abiola Senok
- Ahmad Al Awadhi
- Deena Alhashmi
- Laila Alsuwaidi
- Nerissa Naidoo
- Saba Al Heialy
- Adrian Stanley
- Ritu Lakhtakia
- Anne-Marie John - Baptiste
- Thomas Boillat
- Homero Rivas
- Reem Al Gurg
- Farah Otaki
- Aida Azar
- Fahad Ali



Mutairu Ezimokhai Excellence in Teaching Award



Ahmed Ghoneima



Yajnavalka Banerjee



Fatemeh Amir Rad
(Rising Teaching Award)



Nerissa Naidoo
(Rising Teaching Award)



Meshal Sultan
(Adjunct Faculty Award)



Riad Bayoumi Excellence in Research Award



Mohamed Jamal



Tom Loney



Noushad Karuvantevida

Excellence Staff Award



Oudai Abarah
(Dubai Dental Hospital)



Glendon Potato



Community Engagement Award

(MBRU Community Immunity Ambassador Program)

- Ala'a Azayem
- Arwa Alharbi
- Farah Otaki
- Leigh Powell
- Mersiha Kovacevic
- Safia Benbrahim
- Nabil Zary
- Ritu Lakhtakia
- Jahanzeb Chaudhry
- Hanan Alsuwaidi
- Tom Loney
- Abiola Senok
- Zaid Baqain
- Khawla Belhoul
- Abdel Rahman Tawfik
- Jolly Isaac
- Sharon Mascarenhas
- Meghana Sudhir
- Jalal Alfroukh

- Ammar Al Banna
- Reem Al Gurg
- Meshal Sultan
- Laila Alsuwaidi
- Shaikha Al Zaabi
- Mohammed Uddin
- Faisal Nawaz
- Maha Qutami
- Nujood Al khloofi
- Glendon Potato
- Razan Abusabha
- Mark Anthony Mones
- Shatha Lootah
- Kareem Gad
- Jalal Mohamadeya
- Mai Abdelsalam
- Hana Mokhtar Amin
- Amine Zary
- Deema Majjan

- Mahmoud Ezza
- Mustafa Abdalla
- Farah Ennab
- Reem Hatim
- Ghadah Al Sharif
- Ahlam Habib
- Mohammed Iyad Almousa
- Nagham Toba
- Maryam Amr Al Sabban
- Nagham Alshehabi
- Mouza Al Khayal
- Nour Eisa Adam
- Abdulrahman Ali
- Mari-Lynn Sanggalang





“

Investment in **education**
means investment in the
lasting peace and security,
which **our people**
undoubtedly **deserve.**

”

H.H. Sheikh Mohammed Bin Rashid Al Maktoum
UAE Vice President and Prime Minister, and Ruler of Dubai