



DPC NEWSLETTER

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Congratulations

A close-up image of a fountain pen nib, showing the gold-colored metal and the black resin barrel.

I am delighted to see the 50th issue of the DPC Newsletter. It seemed just like yesterday and today it has completed so many issues of successful publication. Without the co-operation of all the faculty, staff, students and alumni seeing this day would have surely been impossible.

I am sure the success of DPC Newsletter will keep going well beyond the fiftieth issue. It is truly a matter of joy and success. I look forward for all your continued support. Best wishes in your work and may it reach great heights in the years to come.

Hearty congratulations to the DPC family for this grand success.

***Prof. Saeed Ahmed Khan
Dean, Dubai Pharmacy College***

*Celebrating
Shared Achievements*



I still remember the day when Prof. Khan had asked me to start up a college magazine. Ever since its launch in July 2011, the excitement of seeing the newsletter come together each month with an array of DPC news and achievements has never ceased.

Publication of this 50th issue is a very important milestone for the DPC community. The DPC Newsletters have shared some of the proud moments of Dubai Pharmacy College. I trust your contributions will continue to be on its way to be published in the forthcoming issues. Thank you for sharing with us your thoughts and success that you have worked so hard to refine.

I am certain that the DPC Newsletter team will continue in their efforts reaching new heights of excellence. The thrill of new ideas will always continue to be an inspiration. Most of all, I extend my sincere thanks to everyone involved !

***Sabeena Salam
Editor, DPC Newsletter***



MoU with Universal Hospital

Abu Dhabi, UAE



(Prof. Dr. S.A. Khan, Dean, Dubai Pharmacy College with Dr. Shabeer Nellikode, Managing Director, Universal Hospitals)

Dubai Pharmacy College had a *Memorandum of Understanding* (MOU) with Universal Hospitals, Abu Dhabi. The signing ceremony was held in Universal hospital Abu Dhabi on Sunday, 26th March 2017. According to the MOU, any student from Abu Dhabi Emirates can be able to do 12 weeks hospital training for B.Pharm and 28 weeks Clinical clerkship for postgraduate M.Pharm (Clinical Pharmacy) courses. Both the parties have a firm belief that, the progress and development could only be achieved through linking the university to the practice setting based on breaking the barriers between academic and real practical life in order to help the students to achieve the highest degree of expertise and efficiency in their profession and to prepare them for their role as competent Pharmacist/ Clinical Pharmacist in the healthcare team.

Global Pharmaceutical and Medical Research Conference (GPMRC) 2017

Every year, a research organization in Saudi Arabia conducts a research specific conference to provide a platform to exchange knowledge and experience about pharmaceutical and medical research and to present the latest updates. This year GPMRC 2017 was conducted in Sheraton Creek Dubai Hotel, on 14-15th April 2017. Dubai Pharmacy College was a media partner for this conference



Prof. Dr. S.A.Khan, was the chair person for the conference.



Dr. Mirza R. Baig was a member in the scientific committee and moderator for post graduate and PhD students research presentations. He was an invited speaker in the conference and had a talk on **“Developing Research Skills among undergraduate students for research projects”**.

Dr. Juliana Roos was also an invited speaker in the conference and had a talk on **“Barriers and tips for healthcare research publication”**.



The 2nd Pharmacy Practice Update Symposium

Al Baraha Hospital under the patronage of Ministry of Health & Prevention, UAE and in collaboration with new country healthcare LLC conducted the 2nd Pharmacy Practice Update symposium at Al Owais Auditorium, Al Baraha Hospital Dubai on Friday 21st April. The Symposium was attended by more than 300 practicing pharmacist.

Dr. Bazigha Abdul Rasool, the invited speaker in the symposium, had a talk on **“Rational use of dietary supplements in self-medication and role of the pharmacist”**.



Dr. Mirza R. Baig was the invited speaker in the symposium and had a talk on **“Pharmacist attitudes towards patient for promoting behavioral changes”**.

**“Gaining knowledge is the first step to wisdom.
Sharing it, is the first step to humanity”.**

GLOBAL DAY 2017



“Global Day” a cultural activity organized by Student Affairs and the Student Union of DPC aimed to widen the students’ cultural horizon, propagate traditional culture of each country and present global customs and traditions.



“WE ALL HAVE DIFFERENT INSPIRATIONS, BUT ONE GOAL: A BETTER WORLD.”

ERNESTO ARGÜELLO

A wonderful blend of various cultures with traditional dances from the Asian to the Mediterranean continent which included the pavilions of the Arab countries. The pavilions enhanced the taste buds with some of their specialty dishes like the Egyptian kushari, Iraqi dolma, Syrian cubba and the Emirati ligamat along with Indian and Pakistani Biryani and Gol Gappas. The event brought together the college community. Definitely it was a major success.





BLOOD DONATION & THALASSEMIA CAMPAIGN

Thalassemia is a very common genetic disorder in UAE and the gulf region in general. It is a defect in the haemoglobin gene. The disorder cause problems in oxygen carriage and successive destruction of the red blood cells. The best way to prevent the spread of this disease is by raising awareness and genetic counselling. Nowadays, the number of blood related diseases which requires blood transfusion is elevating. Also, the thalassemia patients is in need for constant blood transfusion .Therefore, DPCSU-IPSF PH committee organized this event to raise awareness on thalassemia, the importance and methodology of safe blood transfusion.

Blood Donation and Thalassemia Campaign	Organized by DPCSU- IPSF Public Health committee members and the DPCSU-IPSF office. Partner Organizations: <ul style="list-style-type: none"> • Dubai Blood Donation Centre of the Dubai Health Authority. • Dubai Medical College • Lootah Technical Centre.
Event Coordinator	Einass Al-Razouk & Mariam Mohammad (Batch 23)
Date and time of the activity	15 th March, 2017
Venue	College premises and Round Hall
Target audience	The targeted audience were the pharmacy and medical students and staff in the college, especially the newly admitted pharmacy students. The number of the visitors: 200
Event Program:	<ul style="list-style-type: none"> • Program starts at 9.00 am with the blood donation center arriving at the campus. • All donors were registered before donating and they filled a blood donation form and questionnaire. • The Hb Levels were checked first for all the donors. Some of them didn't get the chance to donate because they were anemic. • At 12:15 the Thalassemia awareness event started and visitors passed around three sections. • The first section was related to blood and the importance of blood donations and other information related to blood transfusion. • The second section explained what is thalassemia, its types, symptoms and management. • The third section was a video about thalassemia was played • To create awareness among people a small quiz which was arranged • Thalassemia Article Competition was held and the winners article published in newsletter
Special thanks to	All the student coordinators





THALASSEMIA

WHAT CAUSES THALASSEMIA?

Thalassemia occurs when there's an abnormality or mutation in one of the genes involved in hemoglobin production. You inherit this genetic defect from your parents.

If only one of your parents is a carrier for thalassemia, you may develop a form of the disease known as thalassemia minor. If this occurs, you probably won't have symptoms, but you'll be a carrier of the disease. Some people with thalassemia minor do develop minor symptoms.

If both of your parents are carriers of thalassemia, you have a greater chance of inheriting a more serious form of the disease.

WHAT IS THALASSEMIA?

Thalassemia is an inherited blood disorder in which the body makes an abnormal form of hemoglobin. The disorder results in excessive destruction of red blood cells, which leads to anemia.

If both of your parents are carriers of thalassemia, you have a greater chance of inheriting a more serious form of the disease.

The two main forms of thalassemia are alpha thalassemia and beta thalassemia.

WHAT ARE THE SYMPTOMS OF THALASSEMIA?

Your symptoms will depend on the type of thalassemia you have.

WHAT ARE THE TREATMENT OPTIONS FOR THALASSEMIA?

The treatment for thalassemia depends on the type and severity of disease involved. Your doctor will give you a course of treatment that will work best for your particular case.

Some of the utilized treatments include:

- Blood transfusions
- a bone marrow transplant (BMT)
- medications and supplements
- possible surgery to remove the spleen or gallbladder

Your doctor may instruct you not to take vitamins or supplements containing iron. This is especially true if you require blood transfusions. You may also need chelation therapy if you're receiving a blood transfusion. This generally involves receiving an injection of a chemical that binds with iron and other heavy metals. This helps remove extra iron from your body.

HOW IS THALASSEMIA DIAGNOSED?

If your doctor is trying to diagnose thalassemia, they'll likely take a blood sample. They'll send this sample to a lab to be tested for anemia and abnormal hemoglobin.

A lab technician will also look at the blood under a microscope to see if the red blood cells are oddly shaped. Abnormally shaped red blood cells are a sign of thalassemia. The lab technician may also perform a test known as hemoglobin electrophoresis. This test separates out the different molecules in the red blood cells, allowing them to identify the abnormal type.

Depending on the type and severity of the thalassemia, a physical examination might also help your doctor make a diagnosis. For example, a severely enlarged spleen might suggest to your doctor that you have hemoglobin B disease.

According to the Centers for Disease Control (CDC), thalassemia is most common in people from Asia, the Middle East, Africa, and Mediterranean countries such as Greece and Turkey.

Normal

Thalassemia

Bone Deformalities in Thalassemia



You're Somebody's Type

I'm 19 years old carrying the gene for Thalassemia. I'm just a carrier nothing severe thank God. Being a carrier isn't as scary as it seems. Some people don't have any idea about this disorder unfortunately, but I'm here to inform you about this disorder and its symptoms.

Thalassaemia is the most common inherited disorders in the world with the highest prevalence in areas where malaria was. The burden of this disorder in many regions is of such a magnitude that it represents a major public health concern. For example, in Iran, it is estimated that about 8,000 pregnancies are at risk each year. In some endemic countries in the Mediterranean region, long-established control programs have achieved 80-100% prevention of newly affected births. Thalassemia is a blood disorder inherited from the parents due to either a genetic mutation or deletion of certain key gene fragment. At least one of the parents should be carrying this gene in order for it to take over to their kid's genes.

If one of the parents is a carrier then their child will be considered having a disease known as thalassemia minor. Thalassemia minor won't have symptoms on the child, and the child will just be a carrier. Some people with thalassemia minor would have less serious symptoms just like minor anemia. If both parents are

carrying thalassemia, the child will have a greater chance in getting major thalassemia. That's why before marriage, the couple going to get married should do a blood test to avoid giving birth for a kid with major thalassemia and making the kid suffer. The symptoms of major thalassemia could be paleness, frequent infections, poor appetite, failure to thrive, and jaundice which is yellowing of the skin or the whites of the eye. Thalassemia could be diagnosed when a blood sample has been taken and sent to the lab.

The lab will test for anemia or abnormal hemoglobin and the sample will also be looked at under a microscope to see if the shape of the red blood cells are odd. A sign of thalassemia could be the abnormal shape of the red blood cells. For this disorder to be treated it will depend on the severity of the disease this patient is involved with. Some of the main treatments used are blood transfusion, bone marrow transplant, medications and supplements. For patients with minor thalassemia it requires taking vitamins and supplements containing iron. As for those with major thalassemia, they are in need for blood transfusion and the doctor will instruct them not to take vitamins or iron supplements. Blood transfusions provide the patient with extra iron that the body can't get rid of which can be potentially fatal.

Thalassemia won't have dangerous effect on these carriers, but it could lead to the death of those who are having major thalassemia.

Despite the fact that plenty of people don't know much about thalassemia, there are many charities supporting these patients and many people are being helpful by donating blood. Donating blood isn't as simple as it seems. Think about it this way, when you donate money you are giving food, but when you donate blood you are giving life!

A mother's tears won't save the life of her child, but your blood can. Blood donations or other solutions should be the responsibility of the government. Healthcare providers such as hematologists are also responsible for treatment of blood disorders. Collecting blood is not the only answer for these severe cases, long established control programs play a great role in preventing this disorder from affecting the future generations. Individuals at risk of an inherited disorder should visit genetic counselors. By doing this, a genetic research will be done for the couples that are getting married. The couples will be informed about the results of the future expectations for their offspring.

Society should be convinced that **'prevention is better than cure'**.

Lama Mohammad Ammar Lutfi
(Batch 25)



FIRST AID TRAINING COURSE

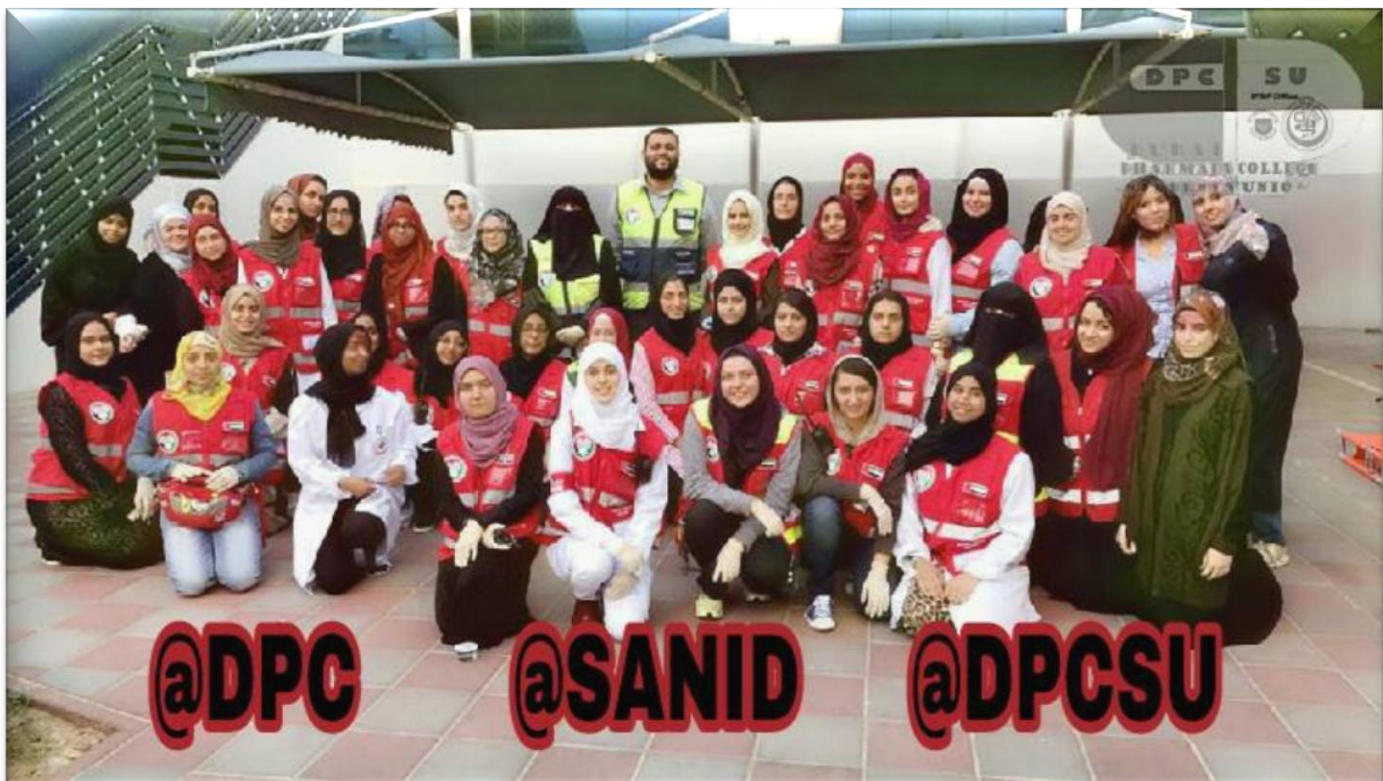


First Aid course of knowledge and practice is essential for any health care professional. It builds leadership, teamwork and problem solving skills. Sympathy, empowerment and seriousness are to be acquired as well.

First Aid Course	DPCSU-IPSF Professional Development & Education Committee organized a four day first aid course. The aim was to facilitate the spread of basic level of first aid knowledge among DPCSU members and to initiate this event to be held on an annual basis.
Course	SANID (Emirates Foundation For Youth Development) , email http://www.sanid.ae/en/about-us/
Date and time of the activity	12 th – 15 th March, 2017
Venue	College premises
Target audience	The number of the trainees was 42.
Course Details:	<ul style="list-style-type: none"> • Basic first aid techniques lessons, e.g of shock, burns, CPR • Lecture on leadership skills • Orientation to SANID. • Evacuation Methods. • Firefighting procedures. • The psychology of people in crisis and how to deal with them. • Triage methodology. • The different indications of the label colors. • Assigning teams leaders for the next final practicing day. • All the participants were divided into 5 groups: <ol style="list-style-type: none"> 1. Safety 2. Search and rescue 3. Logistics 4. Evacuation 5. First aid service unit • A scenario of a crisis was set by the trainers then the first aid team, which is composed of 4 groups, practiced how to deal with such situation..
Special thanks to	SANID



FIRST AID TRAINING COURSE





As a part of community engagement initiative, the Ihsan club arranged a walkathon in Al Khawaneej walkway, on the 21st of March, 2017 in collaboration with the Dubai Customs to raise awareness among the community regarding this crucial condition - simply because their condition is not well understood. The goal of the walkathon being to raise awareness about the condition and gain acceptance in the community

The Ehsaan Club organized a visit to the Special Needs Centre and after interacting with the Down Syndrome students was remarkable. Their special way of showing joy and love was something that touched our hearts and opened up our minds.

The main focus was to give the community an idea about the capabilities of people with down syndrome and how early intervention like Special Needs Centre can help improve their skills and bring out their creativity, supported by many examples of people with the condition who are now leaders and renowned figures in many different fields around the world.

According to statistics there is 1 in every 800 newborn babies prevailing with this condition in the world. In a recent survey conducted by the Ministry of Health, UAE the figures are much higher with 1 in every 390 births affected with down syndrome.

Al Khawaneej walkway was bustling with different people with different ages, professional backgrounds and cultures, 90% of which approached our stand to ask and get information about the condition.



DUPHAT – Dubai International Pharmaceuticals and Technologies Conference and Exhibition (DUPHAT) has evolved to be one of the most important annual pharmaceutical events, since its inception in 1995. The event is held under the patronage of **His Highness Sheikh Hamdan bin Rashid Al Maktoum**, Deputy Ruler of Dubai, Minister of Finance, UAE and President of Dubai Health Authority.

DUPHAT serves as the convergence point for pharmacists, physicians, scientists, marketing professionals, researchers, paramedical professionals, drug developers, dealers, agents, manufacturers, distributors, medical representatives, clinicians,

pharmaceutical analysts & consultants, product specialists, key decision makers, pharmacy practitioners, trade visitors & academia.

The students of Dubai Pharmacy College ensured that the tradition of their institution at the annual DUPHAT 2017 remained intact by securing the first position in the ‘Best Quality Pharmacy Student Poster’ Award.

In recognition of their tremendous work, they won a prize as ‘Student Innovative Award’ along with ‘Best Pharmacy Student Oral Presentation’ Award. They also won two prizes in Best Quality Pharmacy Student Poster’ Award.

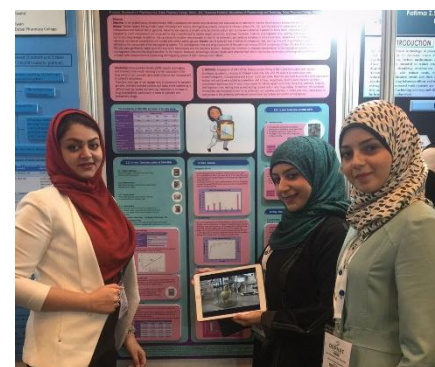


DUPHAT POSTER PRESENTATIONS

#	Title	Student Names	Supervisor(S)
1.	Drug-Gene interactions and its consequences on Pharmacotherapy – A Pharmacoeconomic study in UAE patients	Farah Jabbar Ali Al - Laibi Nada Hany Helmy Sayed Rand Haider Abdulrahman AL-Zahawi Naira Hany Helmy Sayed	Prof. Saeed Ahmed Khan Prof. Mirza Baig
2.	Metformin In Cancer Prevention – A Systematic Review And Meta-Analysis.	Asmae Abdelwahd Khadija Aziz Omeer Ebrahim Ruqaiya Salim Chaabane Saleh	Dr. Juliana Roos Ms. Eiman Shamseldin,
3.	Empirical Antibiotic Therapy In Critically Ill Patients – A Prospective Study On The Selection Criteria For Antimicrobial Therapy In Critically Ill Patients In Rashid Hospital 2016.	Charifeh Faisal Hasan Tasneem Zohair Bayassi Zeina Mounther Al Chikhoni Mona Bahaa Eldin Abdelkerim Ibrahim	Dr. Juliana Roos Ms. Eiman Shamseldin,
4.	Health Literacy In Arabic Language Among The General Population Of The UAE	Joude Ammar Noralla Layla Ahmed Salih Al- Jasim Nada Amjad Nabih Elsherief Abouelezz Sonia Nassif Nassif	Dr. Juliana Roos Ms. Eiman Shamseldin, Ms. Sara Salwan
5.	Identification Of Prescribing Errors By Pharmacy, Medical, And Dentistry Students In UAE	Dania Bachar Kanani Nour Khaled Al Mahmoud Al Hajji Soaad M.Zaki Aljajah	Mrs. Doaa Kamal
6.	Self Medication With Antibiotics In In UAE Population	Naira Hany Helmy Sayed Rajia Fahim Ahmed Zayed Soha Tarek Salah El-Desouky	Mrs. Doaa Kamal
7.	Phytochemical Study And In Vivo Burn Healing Activity Of Tribulus Arabicus Grown In UAE.	Ansam Ahmad Orabi Aya Omar Kabah Hajer Abdullatif Waez Racha Youssef	Prof. Naglaa Gamil Dr. Rawoof Khan
8.	Phytochemical Study And Antimicrobial Activity Of Enteromorpha Spp.	Alia Abass Talea Al Joudi Dana Khalid Ibrahim Samara Sabekah S A Al Hendi Zahia Riad Al Najie	Dr. Ghazala Khan Prof. Naglaa Gamil
9.	Phytochemical Study And Anticoagulant Activity Of Salsola Spp.	Eisha Abdelbasset Moursi Ali Eman Fawzi Mohamed Elhadi Hafsa Samy Ibrahim Ahmed Shefaa Yousef Maraka	Prof. Naglaa Gamil Dr. Rawoof Khan
10.	Antitumor Activity Of Flax Seed & Sesameseed Lignan Extract Against In Vivo Breast Cancer In Rat.	Heba Hasan Jafar Al Shardob Jomana Taha Farhan Muna Salem Mohsen Al Hasil	Dr. Rawoof Khan Prof. Naglaa Gamil
11.	Formulation And In Vivo Evaluation Of Antiemetic Orodispersible Tablets Using Chitosan-Superdisintegrants Mixtures.	Bushra Khaled Al Houria Niloufar Farid Ahmad Poor Nour Mohamad Jamal Abourden	Prof. Bazigha K. Abdul Rasool Dr. Rawoof Khan

DUPHAT POSTER PRESENTATIONS

#	Title	Student Names	Supervisor(S)
12.	Evaluation Of Celecoxib In Situ Oral Gelling System For The Treatment Of Rheumatoid Arthritis.	Kamar Mhd Ghazi Abou Al Khair Lana Ameer Ahmad Shanti Sara Tayseer Alloh Alaa Mahmoud Sulieman	Prof. Bazigha K. Abdul Rasool Dr. Rawoof Khan
13.	Permeation Studies Of Diphenhydramine/ Indomethacin From Different Emulgel For Nasal Delivery In Allergic Rhinitis.	Dima Mousa Ghanam Hajer Abduljalil Anis Rufaida Mahmoud Mohamed Abdelhamid Hamid	Prof. Heyam Saad
14.	A Comparison Of Patients' And Pharmacists' Satisfaction With Pharmacists' Role As Health Care Provider In Community Pharmacy Settings In Both Kuwait.	Fatemah A KH A R A Ali	Prof. Heyam Saad
15.	An Attempt To Correct The Negative Influence Of Social Media On Public Medical And Pharmaceutical Knowledge By Enhancing The Role Of Pharmacists' Pharmaceutical Applications.	Heba Suheel Al Asawdeh Weaam Abdulkarim Al Ali Yusra Ahmad Al Rifaie	Mrs. Rana Sammour Mrs. Al Zahraa
16.	Safety, Efficacy and Effectiveness of smart technologies and automation in Pharmacy workflow – A qualitative study of hospitals in UAE	Fatima Zehra Shah Hajara Sharafudeen Sabura Sameen Sarmina Begam	Prof. Mirza Baig
17.	Evaluation of Community Pharmacists' counselling practices towards some medicines	Maram A.M. Srour Nawal Samer Al Boushi Adi Wafa' Adeb Turki Al Qaisi	Dr. Amina Mahdy



DUPHAT 2017

The Best Quality Pharmacy Student Poster Award

(First Position)

Title: PHYTOCHEMICAL STUDY AND ANTICOAGULANT ACTIVITY OF SALSOLA SPP.

Students: Eisha Abdelbasset Moursi Ali, Eman Fawzi Mohamed Elhadi, Hafsa Samy, Ibrahim Ahmed, Shefaa Yousef Maraka (Batch 22)

Supervisors: Prof. Naglaa Gamil & Dr. Rawoof Khan

(Fourth Position)

Title: PHYTOCHEMICAL STUDY AND ANTIMICROBIAL ACTIVITY OF ENTEROMORPHA SPP.

Students: Alia Abass Talea Al Joudi, Dana Khalid Ibrahim Samara, Sabekah S A Al Hendi, Zahia Riad Al Najie (Batch 22)

Supervisors: Dr. Ghazala Khan & Prof. Naglaa Gamil

(Eighth Position)

Title: PHYTOCHEMICAL STUDY AND IN VIVO BURN HEALING ACTIVITY OF TRIBULUS ARABICUS GROWN IN UAE.

Students: Ansam Ahmad Orabi, Aya Omar Kabah, Hajer Abdullatif Waez, Racha Youssef (Batch 22)

Supervisors: Prof. Naglaa Gamil & Dr. Rawoof Khan

The Best Pharmacy Student Oral Presentation Award

(Sixth Position)

Title: DRUG-GENE INTERACTIONS AND ITS CONSEQUENCES ON PHARMACOTHERAPY – A PHARMACOECONOMIC STUDY IN UAE PATIENTS

Students: Farah Jabbar Ali Al – Laibi, Nada Hany Helmy Sayed, Naira Hany Helmy Sayed, Rand Haider Abdulrahman AL-Zahawi (Batch 22)

Supervisors: Prof. Saeed Ahmed Khan & Prof. Mirza Baig

The Best Pharmacy Student Innovative Poster Award

(Sixth Position)

Title: EMPIRICAL ANTIBIOTIC THERAPY IN CRITICALLY ILL PATIENTS – A PROSPECTIVE STUDY ON THE SELECTION CRITERIA FOR ANTIMICROBIAL THERAPY IN CRITICALLY ILL PATIENTS IN RASHID HOSPITAL 2016.

Students: Charifeh Faisal Hasan, Tasneem Zohair Bayassi, Zeina Mounther Al Chikhoni, Mona Bahaa Eldin Abdelkerim Ibrahim (Batch 22)

Supervisors: Dr. Juliana Roos, Ms. Eiman Shamseldin

DUPHAT 2017



4th position prize winners of 'The Best Quality Pharmacy Student Poster Award'



6th position prize winners of 'The Best Pharmacy Student Innovative Poster Award'



1st and 8th position prize winners of 'The Best Quality Pharmacy Student Poster Award'



6th position prize winners of 'The Best Pharmacy Student Oral Presentation Award'

The heart of a volunteer is not measured in size, but by the depth of the commitment to make a difference in the lives of others.



Visit to Social Care Center for Children





“Rational use of dietary supplements in self-medication and role of the pharmacist”

*Al Baraha Hospital under the patronage of Ministry of
Health & Prevention, UAE and in collaboration with
New Country Healthcare LLC held*

*The 2nd Pharmacy Practice Update
Symposium, Dubai UAE
21st April, 2017*



Prof Bazigha K Abdul Rasool
Department of Pharmaceutics, Dubai Pharmacy College, UAE.

Abstract

A dietary supplement is defined as a product that contains a dietary ingredient intended to add further nutritional value to the diet. A dietary ingredient may be one, or any combination of a vitamin, mineral, herb or other botanical, amino acid, concentrate, metabolite, or extract. Dietary supplements are available in various pharmaceutical dosage forms such as tablets, capsules, softgels, gelcaps, liquids, or powders. They are used to prevent and treat acute and chronic deficiency cases as well to compensate for an unhealthy life style or in an attempt to maximize health or performance. However, excessive taking of certain vitamins and other nutrients can be unsafe under certain circumstances. Many surveys demonstrated the risks of misuse of dietary supplements by taking more than their recommended dosage, and the possibility of potential interactions with other concomitant prescribed medications. Nowadays, there is a dramatic increase in the variety and utilization of these products in many countries. Consequently the pharmacist's role in counseling the consumer about the appropriate product selection and safe use and storage is therefore considered extremely important to ensure the rational consumption of the dietary supplements in self-medication.

No more dialysis, Scientists Have Developed A Bionic Kidney!

-Dr. Amina Mahdy

Natural remedies are indeed very powerful, but there are times when we have to turn to modern technology. Dialysis patients can't live without the treatment, but their suffering is enormous.

Many of them must wait for years to get a kidney transplant and live normally, with seemingly no other solution on the horizon. However, there's finally a light in the dark tunnel – scientists from the University of California at San Francisco, USA, have developed the world's first bionic kidney which can replace damaged kidneys easily and effectively.

The bionic kidney is a perfect replica of our kidneys. It consists of numerous microchips and is moved by the heart. Like the normal kidneys, it is able to filter waste and toxins from the bloodstream.

The project was unveiled by William Vanderbilt Fissels and Shuvo Roy from the University of California, offering renewed hope for millions of kidney dialysis patients. Now, some of you may be wondering "But, what if the body rejects it?", but, the scientists assure us that the chances of rejection are zero! Incredible, right?

This is because the bionic kidney is made from renal cells. The first prototype is the size of a

coffee cup and can balance the levels of sodium and potassium in the body while regulating blood pressure.

The project is wonderful news for any dialysis patient. In the beginning (November 2015), the scientists received \$6 million from the Institute of Biomedical Imaging and Bioengineering, and it's safe to say that the money were well spent.



The scientists have high hopes for the bionic kidney, and the lead researcher, Dr. Victor Gura, says that the device will be available for sale in only 2 years.

Watch the video at:

<http://www.medicalonline1.com/2017/04/03/no-more-dialysis-scientists-have-developed-a-bionic-kidney/>

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Faculty Article



Alumni
Contribution

DPC BPharm program equivalency in the US

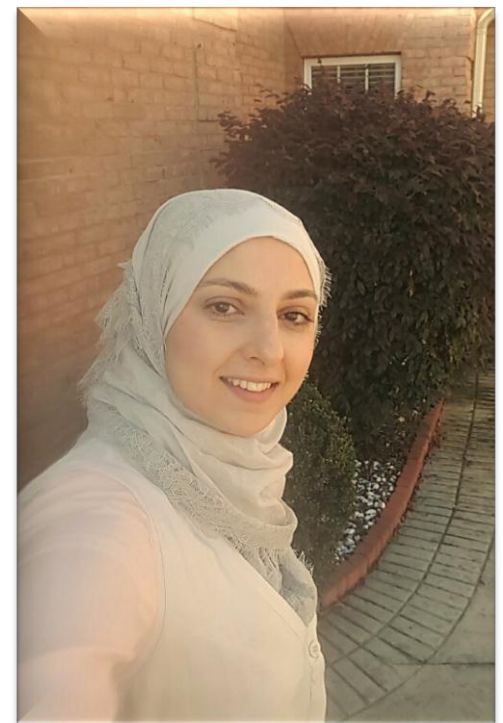
I was trying to get my Pharmacy board in the USA, but one of the main requirements to get accepted and to take the exam is to be graduated from a five year program in pharmacy. However, Dubai Pharmacy College offers a four year bachelor's program. In the process of equating my degree in the USA, it got rejected.

I didn't give up hope and contacted the agency trying to convince them to change their stand. Even though our BPharm program is four years, it is equivalent to a five year program, as we study 10 months a year and have enough credit hours to be equivalent to a five year program. They were cooperative and asked for a sealed letter from the college to confirm my claim. I contacted **Mona Al Moussli**, my close friend who contacted the college.

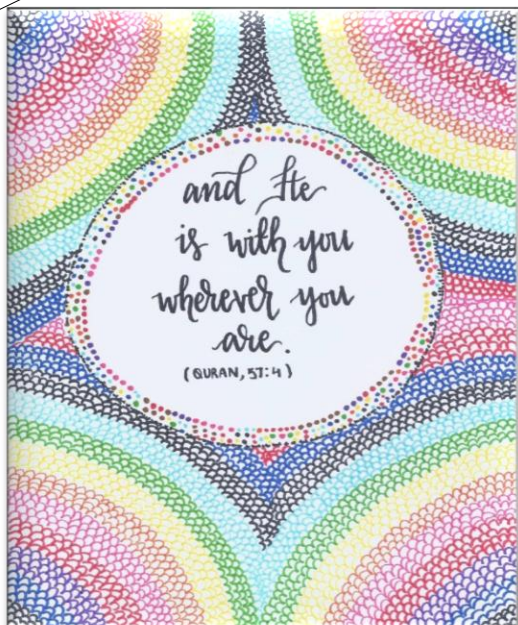
The college issued a sealed letter explaining in detail the credit hours, the length of the lectures hours, and the short holidays we had. The agency then consulted with the senior partner and thereafter approved my request. They informed me that previously 10 to 15 requests from Dubai Pharmacy College had been rejected due to the same issue.

Since my request has been accepted, Dubai Pharmacy College BPharm program is now recognized to be equalent to a five year program. Therefore. any another request from a graduate from Dubai Pharmacy College with be recognized.

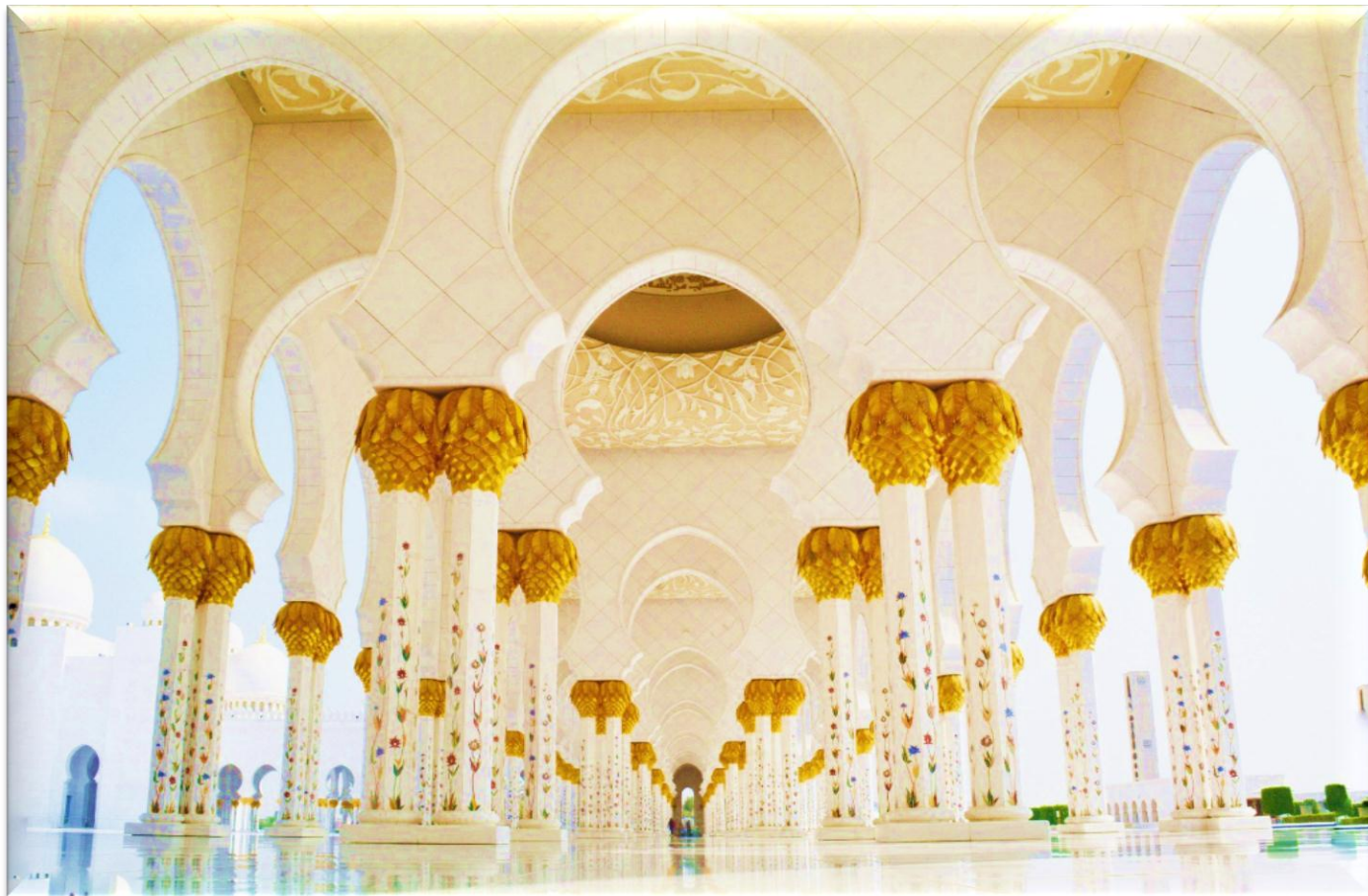
Special thanks to
Prof. Saeed Ahmad Khan
Founding member and Dean, Dubai Pharmacy College



Rasha Aimash
BPharm graduate,
Class of 2005



Marium Ahmed Ansari
(Batch 25)



Amal Ahmed
(Batch 24)

DPC NEWSLETTER

Congratulations

Congratulations for the wonderful achievement and great efforts and wish for you more success
Fatema

Congratulations!
Thank you for all great efforts.. Every month you bring a joy as I go through the month's issue.. wish you all the best..
Yasra Lozon

Congratulation for the great effort keep it going!!
Aishan

Your outstanding achievements in DPC newsletter is highly appreciated.
Thank You and Congratulations!

Your dedication & insight are really inspiring
I wish you many years of achievements!
Congratulations!

Great effort- keep up the good work!!
Abir

Well done!!
Congratulations for your fabulous efforts and wonderful recognition
For all the great team I wish for you a continuous brilliant achievements
You have made us all Proud
Eiman Elgoulani

CONGRATULATION FOR ALL THE GREAT TEAM. YOU HAVE WALKED A LONG WAY FORWARD THIS GOAL BUT YOU HAVE SUCCESSFULLY MANAGED I WISH YOU TAKE MORE SUCCESS !!

♥ from all of us! ♥

CHAMILA

DPC NEWSLETTER

Congratulations

Great Job! - for
I'm waiting for
it each month
Congrats for all
the team!!
Eman Zohair
~~Eman Zohair~~

wonderful
magazine.
Thanks for all.
Doaa Kamel
~~Doaa~~

It's good reminder
to look on the humorous
side of our daily challenges
Gawafky
25.04.17

A lovely way
of presenting our
DPC life...
Keep it up! ♥
Zohair
25/4

Kudos!!! Great effort
and teamwork!!!
Thank you all.
Susan George
25/4/17

Great job really
and I love it so
keep it! ♥
Thamblyou

Great efforts,
Thanks for all
Rana Sammar
~~Rana~~

♥ from all of us! ♥

DPC NEWSLETTER

Congratulations

Success lies in efforts.
Courage to continue the effort
to do the best is all matters.
Congratulations for continuing to
do the best!
- ~~manish~~

Facing challenges
with strength, determination
& confidence is what matters,
you & have done it
Congrats
H B 25-04-17

This is my
heartiest congratulation
for DPC newsletter
team, ^{many} thanks to every-
one who contribute in
this valid work
Prof. Nagla Goud

The destiny of hard
work is always success.
Very warm congratulations
for those who had done
hard work for the success
of DPC Newsletter.
Thank you all!
Dr. Fazilatun Nassa

Consistent hardwork
gains success. The
sincere effort of the team
deserve this success.
Congratulations on your
Achievements!
Dr. Gazala A. Khan

To the Team of DPC Newsletter.
Your dedication &
enthusiasm and insight
are really inspiring...
You made us proud...
Wish you many years of
great success.
Congratulations!
Prof. Dr. Bazigha

Many Congratulations!!
Special thanks to everyone
who helped & contributed
to making DPC Newsle-
ter a fabulous
success!
Dr. Ali

♥ from all of us! ♥