



# **DPC NEWSLETTER**

## **VOLUME 6:**

### **MARCH ISSUE**

*Issue No : 42*

#### **Editor-in-chief**

Professor. Saeed Ahmed Khan  
*Dean, DPC*

#### **Editors (Faculty)**

Mrs. Sabeena Salam  
*Head, Publications*  
Prof. Aliasgar Shahiwala  
*Scientific Content Editor*

#### **Alumni**

Arwa Nousheen

#### **Student Union**

Maryam Mohammed – President

#### **Student Representatives**

*Science Club: Rafea Khalifa*

*Book Club: Sara Nezar Afandi*

*Writing Club: Huda Jamal Almadalli*

*Drama Club: Sabekah Hendi*

*Art Club: Nour Jalal Juha*

*Media Club: Alaa Hassan*

*Ehsaan Club: Areej Mohammed*

*Fund Raising Club: Manal Moustafa*

Photos Courtesy:  
Media Club

Editorial Assistance  
Nabeerah Shaheer

# CONTENTS

## News & Events

- DUPHAT 2016
- Pharmatalk- open lecture series
- Visit to the Social Care Centre
- Antibiotics Resistance Awareness
- Personal Hygiene Awareness

## Student Contribution

- Volunteerism - lessons learnt  
*Hajara Sharafuddeen (Batch 22)*
- Chains  
*Nada Akram (Batch 24)*

## Artistic Expressions

- Amal Ahmed - Batch 24
- Samar Salam (Cover page)  
- Batch 23

# Visit to Social Care Center

24<sup>th</sup> February

The *Ehsan Club* at DPC arranged a visit the Social Care Center for children...

Co-sponsored by Flying Elephant event





# DUPHAT 2016

DUPHAT (Dubai International Pharmaceuticals and Technologies Conference and Exhibition) 15-17 March 2016, has evolved to be one of the most important annual pharmaceutical event since its inception in 1995. The event is held under the patronage of **H.H. Sheikh Hamdan Bin Rashid Al Maktoum**, Deputy Ruler of Dubai, Minister of Finance, UAE and President of Dubai Health Authority.

The participants presented valued scientific presentations and scientific research papers in different fields related to pharmacy. The competition this year was indeed challenging, with about 500 posters from both Post graduate and undergraduate students and from different countries pharmacy universities



*"DUPHAT continues to be the most sought after platform for professional interaction among pharmacy professionals. It is also an event most aspired by students as well as academicians. "*

-Dr. Ali Al Sayed, Director of Pharmaceutical Services Department at the Dubai Health Authority and DUPHAT Conference Chairman.

The students of Dubai Pharmacy College ensured that the tradition of their institution at the annual DUPHAT 2016 remained intact by securing the first position in the 'Best Quality Pharmacy Student Poster' Award and second prize in 'Best Pharmacy Student Oral Presentation' Award.

In recognition of their tremendous work, they won a prize as 'Student Innovative Poster' and they also won two prizes in the 'Student Presentation Poster.

In addition, this year the master students in clinical field were participated and also won by 'Professional Poster Presentation'.



## The Best Professional Poster Presentation Award

(Thirteenth Position)

**Title:** DEVELOPMENT OF INJECTABLE IMPLANT FOR MANAGEMENT OF ORTEOARTHRITIS

**Students:** Eiman Shams Eddin Elgailani, Mariam Musabeh Alghfeli

**Supervisors:** Prof. Saeed A. Khan & Prof. Mirza  
*MPharm Clinical Pharmacy (Batch-1)*



## The Best Quality Pharmacy Student Poster Award

(First Position)

**Title:** ASSESSMENT OF ANTICHOLINERGICS BURDEN AMONG GERIATRIC POPULATION OF UAE

**Students:** Aya Fatin Jalabi, Ayesha Hassan, Hanan Hassan Siraji, Maysaa Abdullatif

**Supervisor:** Prof. Mirza Baig

*Batch-21*





## The Best Pharmacy Student Oral Presentation Award

(Second Position)

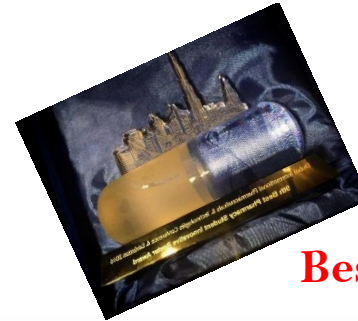
**Title:** PHYTOCHEMICAL STUDY AND IN-VITRO CYTOTOXIC ACTIVITY OF DIFFERENT EXTRACTS OF INDIGO SPECIES GROWN IN UAE

**Presenter:** Arooj Qaiser

**Students :** Marium Abudla Hamid, Shima Majid Khezri, Heba Mohd Mokhles Assar

**Supervisors:** Prof. Naglaa Gamil, Dr. Raouf

*Batch-21*



## Best Pharmacy Student Innovative Poster Award

(Ninth Position)

**Title:** ANTIHYPERURICEMIC AND XANTHINE OXIDASE INHIBITORY ACTIVITIES OF ZYGOPHYLLUM HAMIENSE SCHWEINF

**Students :** Oraib Khaled, Ayah Emad, Mayar Ahmed

**Supervisors:** Prof. Naglaa Gamil, Dr. Eman Abu Gharbieh

*Batch-21*



## Best Pharmacy Student Presentation Poster Award

**(Sixth Position)**

**Title:** HEALTH LITERACY AMONG THE GENERAL POPULATION OF DUBAI AND ABU DHABI

**Students:** Lolowa Abdulaziz Saleh Al Lasah, Fatima, Zahraa Sami, Iman Khaled

**Supervisors:** Dr. Juliana F Roos

*Batch-21*



**(Eighth Position)**

**Title:** SEQUENTIAL STABILITY ON PATIENTS MEDICATION BELIEFS & ATTITUDES IN OPTIMIZING MEDICATION ADHERENCE

**Students:** Nabila Nayaz, Marium Ali Dost, Nafisa Rawshan Mohammed

**Wahiduzzaman, Khadiza Chowdhury**

**Supervisors:** Prof. Mirza Baig



## POSTER PRESENTATIONS

Title	Student Authors	Supervisor
<b>Development of New System for Monitoring Medications Errors: Systematic Review</b>	Eiman Shams Elddin Elgailani Mariam Musabeh Alghfeli	Prof. Saeed Ahmed Khan <sup>1</sup> Prof. Mirza R. Baig <sup>2</sup> <sup>1</sup> Dean, Department of Pharmaceutical Medicinal Chemistry and Natural Products dr.khan@dpc.edu <sup>2</sup> Department of Clinical Pharmacy and Pharmacy Practice Dubai Pharmacy College Dr.Mirza@dpc.edu
<b>Assessment of anticholinergics burden among geriatric population of UAE</b>	Ayaa Fatin Jalabi Ayesha Hassan Hanan Hassan Siraji Maysaa Abdullatif	Prof. Mirza R. Baig Department of Clinical Pharmacy and Pharmacy Practice, Dubai Pharmacy College Dr.Mirza@dpc.edu
<b>Phytochemical study and In-Vitro cytotoxic activity of different extracts of Indigo species grown in the UAE</b>	Arooj Qaiser (oral presenter) Marium Abudla Hamid Shima Majid Khezri Heba Mohd Mokhles Assar	Prof. Naglaa Gamil <sup>1</sup> and Dr. Rawoof Khan <sup>2</sup> <sup>1</sup> Department of Pharmaceutical Chemistry and Natural Products- Dubai Pharmacy College dr.naglaa@dpc.edu <sup>2</sup> Department of Clinical Pharmacy and Pharmacy Practice -Dubai Pharmacy College; rawoofkhanpharmacy@gmail.com
<b>Health Literacy among the general population of Dubai and Abu Dhabi</b>	Lolowa Abdulaziz Saleh Al Lasah Fatima Zahraa Sami Iman Khaled	Dr Juliana Roos Department of Clinical Pharmacy and Pharmacy Practice Dubai Pharmacy College Dr.juliana@dpc.edu
<b>Sequential Stability On Patients Medication Beliefs &amp; Attitudes In Optimizing Medication Adherence</b>	Nabila Nayaz Marium Ali Dost Nafisa Rawshan Mohammed Wahiduzzaman Khadiza Chowdhury	Prof. Mirza R. Baig Department of Clinical Pharmacy and Pharmacy Practice, Dubai Pharmacy College Dr.Mirza@dpc.edu



## POSTER PRESENTATION

Title	Student Authors	Supervisor
<b>Antihyperuricemic And Xanthine Oxidase Inhibitory Activities Of Zygophyllum Hamiense Schweinf</b>	Oraib Khaled Ayah Emad Mayar Ahmed	Prof. Naglaa Gamil <sup>1</sup> and Dr. Eman Abu Gharbeih <sup>2</sup> <sup>1</sup> Department of Pharmaceutical Chemistry and Natural Products-Dubai Pharmacy College dr.naglaa@dpc.edu <sup>2</sup> Department of Pharmacology and Toxicology-Dubai Pharmacy College; dr.eman@dpc.edu
<b>Natural Treatments and Quality of life with no stress</b>	Alaa Mahmoud Sulieman Sonia Nasif Nasif	Prof. Naglaa Gamil Department of Pharmaceutical Chemistry and Natural Products-Dubai Pharmacy College dr.naglaa@dpc.edu
<b>Patient information leaflets: informing or frightening?</b>	Sara Nezar Afandi Ruba Hesham Muna Haitham Randa Hasan Matouk	Dr. Doaa Kamal Department of Clinical Pharmacy and Pharmacy Practice, Dubai Pharmacy College Dr.doaakamaal@dpc.edu
<b>Perception of Youths in United Arab Emirates for Ideal Body Image and Obesity Management</b>	Rafaa Khalifa Samar Salam Eman Ismail	Dr. Bazigha K. Abdul Rasool Department Of Pharmaceutics Dubai Pharmacy College Dr.bazigha@dpc.edu





# Volunteer Experience - DUPHAT 2016

We were all thrilled and excited to be a part of DUPHAT, the largest Pharmaceutical Event in the Middle East. As student volunteers we gained a lot of real-time experience in all possible ways. We had to deal with a large number of visitors from around the world. Each person had their own perspectives and it was a wonderful experience interacting with them.

First time volunteers at an international conference was definitely the best experience we have had interacting with professionals in the field of pharmacy. Meeting Prof. Joseph T DiPiro – Dean, VCU School of Pharmacy and Archie O. McCalley Dean of the Virginia Commonwealth University School of Pharmacy, USA was insightful. Prof. McCalley, in one of his scientific lectures – ***“Leadership in Pharmacy to Advance our Profession”***, mentioned that Leadership training should begin with pharmacy students as a consistent part of the curriculum and extra-curricular activities and that pharmacy professional organizations could play key roles in developing leadership qualities in their students and colleagues by sponsoring leadership training courses and workshops.

Volunteerism has given us great memories, from interacting with professionals to the moments we have captured. I would like to thank our Dean, Prof Saeed Ahmed Khan for giving us this opportunity, Prof. Naglaa Gamil for coordinating and everyone who were behind this.

**-Hajara Sharafuddeen (Batch 22)**



# Pharmataalk ... 'Share & Inspire' (8 March 2016)

KEYNOTE SPEAKERS	Topics
Dr. Madina Khatoon <i>Homeopathic Physician at Sharjah International Holistic Health Centre</i>	Homeopathy in Skin Disorders
Dr. Haiman Hammad El- Nahal <i>Lecturer in Alternative Medicine</i>	Cupping Treatment (Hejamah)
Dr. Adel Alexander	Treatment by Ozone

**Pharmataalk** theme - Alternative Medicines  
**Event organized by:** Prof. Naglaa Gamil and Student Union members







# ANTIBIOTICS

We are **Winning** the **Battle** but **Losing** The **War** ?

## What is antibiotic resistance?

Antibiotic resistance occurs when an antibiotic has lost its ability to effectively control or kill bacterial growth; in other words, the bacteria are "resistant" and continue to multiply in the presence of therapeutic levels of an antibiotic.

## Why do bacteria become resistant to antibiotics?

Antibiotic resistance is a natural phenomenon:

When an antibiotic is used, bacteria that can resist that antibiotic have a greater chance of survival than those that are "susceptible." Susceptible bacteria are killed or inhibited by an antibiotic, resulting in a selective pressure for the survival of resistant strains of bacteria. Some resistance occurs without human action, as bacteria can produce and use antibiotics against other bacteria, leading to a low-level of natural selection for resistance to antibiotics. However, the current higher-levels of antibiotic-resistant bacteria are attributed to the overuse and abuse of antibiotics.

## Can bacteria lose their antibiotic resistance?

Yes, antibiotic resistance traits can be lost, but this reverse process occurs more slowly. If the selective pressure that is applied by the presence of an antibiotic is removed, the bacterial population can potentially revert to a population of bacteria that responds to antibiotics.



## The DPC Science Club held awareness activities on antibiotics resistance



### **“Rules of Antibiotics”**

- Use antibiotics prescribed only by a certified health professional.
- Complete the full treatment course even if you fell better.
- Never use left over prescription.
- Prescribe antibiotics only when they are truly needed

*World Health Organization*



# PERSONAL HYGIENE AWARENESS CAMPAIGN

**Date** 15<sup>th</sup> March, 2016

The students of DPC visited Al Shorooq School to educate the students on the importance of personal hygiene.

**Face** The skin types and description. Taking proper care of skin and using proper choice of care

**Hair** Description and structure of different types of hair. Scalp related problems e.g.: dandruff, head lice, splitting and breakage.

**Eyelids** Hygiene needs especially in immune- compromised patients.

**Teeth and gum** Causes of dental and gum problems, the dental and gum problems, How to avoid dental problems and brushing & flossing.

**Hands** When and how to wash your hands, care of nails and cuticles

**Feet:** Feet care especially in DM patients

**Acne :** Causes ,treatment and comedogenicity of products

Other information included different types of sensitive skin (eczema, atopic dermatitis, rosacea, the OTC medication and ways to cure the problems of sensitive skin, recommendations to visit t the dermatologist and selection criteria of products in sensitive skin patients.



Reported by:  
Hala Faisal  
(Batch 21)



# “Chains”

- Nada Akram (Batch 24)



*Amal Ahmed  
(Batch 24)*

“We are tied by chains,  
since blood first ran through our veins.  
Some fall and utterly break,  
others fake for their pride’s sake.

But between them lies,  
those who realize;  
“Within their palms the key hid”  
The key that others forbid;

“last tied in rusty chains  
efforts are always in vain”  
That is what they say,  
But by the shallow bay,  
fishes no one for a whale.

For that start the rail,  
Which reaches beyond  
What is known and told.  
Seek the change  
That breaks your chains”.

