



جامعة العين
AL AIN UNIVERSITY

THE FIRST AAU INTERNATIONAL CONFERENCE ON PHARMACY AND BIOMEDICAL SCIENCES



A SPOT TO ENLIGHTEN ADVANCES AND DISCOVERIES IN
PHARMACY, NUTRITION, AND BIOMEDICAL SCIENCES



CONFERENCE BOOKLET

EARN UP TO
20.5
CME CREDITS

📍 AL AIN UNIVERSITY - ABU DHABI CAMPUS

📅 18-19 JANUARY 2023

 **BMC**
Part of Springer Nature

 **Schrödinger**

SPONSORS

 **medicina**

 **Leader
Life Sciences**
Partners in Discovery

 **ADCAN Pharma**

NEST®

 **Pharma
LUS**

WELCOME MESSAGE

It is our great pleasure to welcome you to the first AAU International Conference on Pharmacy and Biomedical Sciences (AAU-CPBS'23).

This international Conference is organized by the College of Pharmacy, AAU, and is intended to be the first step towards a top-class conference on Pharmacy and Biomedical Sciences. AAU-CPBS'23 aims to provide scientists, professors, pharmacists, nutritionists, practitioners and students from all over the world a scientific forum to share, discuss and exchange original research ideas. This conference will help to gain inspiration for future research in the fields of pharmacy, biomedical sciences and nutrition, amongst researchers and health care providers from UAE, Australia, UK, Lebanon, Saudi Arabia, Jordan, Syria, Egypt, Palestine, Pakistan, Sudan, Austria, Kuwait and the Sultanate of Oman.

AAU-CPBS'23 focuses on six major domains: Clinical Pharmacy and Pharmacy Practice, Biomedical Sciences, Drug Design and Discovery, Pharmacology and Molecular Therapeutics, Pharmaceutical Technology, Nutrition and Food Science. It is accredited by the department of Health which will provide up to 20.5 CME credits for the attendees. Along with 2 well known international plenary speakers and 5 invited speakers, the proceedings of this conference will contain 107 abstracts. Selected abstracts will be published in the Scopus indexed journal, BMC Proceedings.

Our sincere appreciation goes to the AAU higher administration for their kind support and to all members of the scientific committee for their critical review of the submitted abstracts and for the organizing committee for the effort they have devoted in arranging the logistics of this conference.

Finally, welcome to AAU and enjoy your stay in the beautiful city of Abu Dhabi!

Conference Chair and Organizing Committee

VENUE

Al Ain University – Abu Dhabi Campus

Al Ain University (AAU) was established in 2004 and opened the doors to its first student cohort in 2005. AAU offers 17 accredited Bachelor degree programs, 8 accredited Master degree programs, and 1 professional diploma through its various colleges. Abu Dhabi campus is located at Mohammed Bin Zayed City, 21 kilometers from the city's center.

Abu Dhabi, the capital of the United Arab Emirates, is located in the Arabian Gulf on an island away from the continent. Taking into account a number of indicators, Abu Dhabi was twice named the safest city in the world. The extravagant structures of Abu Dhabi have gone on to demonstrate that the sky is the limit by exceeding expectations and smashing records. They are described as an “innovative skyline” and mesmerize with their spectacular architecture and seemingly impossible buildings. To name a few, Etihad Towers, the Emirates Hotel, and the Aldar headquarter. Abu Dhabi is steadily expanding its reputation as a tourist hotspot considering the spectacular truism attractions in the city such as Sheikh Zayed Mosque, Warner Brother's themed park, Ferrari world, The Louvre Museum, Yas water world and the National aquarium.



CONFERENCE AGENDA

January, 18 th 2023			
8:30-9:30	Registration Al-Jawhara Theater Reception Area		
9:30-10:30	Opening Ceremony Venue: Al-Jawhara Theater		
10:30-11:30	Plenary Speaker: Mark von Itzstein, Glycomics Griffith University Queensland, Australia Title: Structure-informed Antiviral Drug Discovery – A Tale of Two Viruses Chair: Tareq Abu Izneid Venue: Al-Jawhara Theater		
11:30-12:00	Coffee Break - Al-Jawhara Theater Reception Area		
12:00-13:30	Three Parallel Sessions		
	Hall #241 (2 nd floor)	Hall # 242 (2 nd floor)	Hall # 243 (2 nd floor)
	Biomedical Sciences	Nutrition and Food Science	Pharmacology and Molecular Therapeutics
	Chair: Azza Ramadan Co-chair: Nadia Hussain	Chair: Mahmoud Abughoush Co-chair: Sehar Iqbal	Chair: Mohammad Ghattas Co-chair: Mohammad Bostanudin
12:00 – 12:30	Abdu Adam Khalifa University, UAE The Adrenalectomized Rat: A Model for Neurodegeneration?	Sajid Alavi Kansas State University, USA Fortified Blended Foods from Extruded Sorghum Cowpea and Sorghum Soybean Blends	Bassam Ali UAE University, UAE The Implementation of Pharmacogenomics in The Clinic: The Case for Cardiovascular Diseases in the United Arab Emirates
12:30 – 12:50	Rose Ghemrawi Al Ain University, UAE The Effect of Methylation on Autophagy in Lung Cancer Cell Lines	Hanan Afifi Abu Dhabi Agriculture and Food Safety Authority, UAE Innovative Applications of Damas (Conocarpus Spp.) Extracts as A Safe Source of Phenolic Compounds	Ahmed Al-Abd National Research Centre, Giza, Egypt Intratumoral Pharmacokinetic Assessment as an Integral Part of Anticancer Drug Discovery: Wrapping 15 Years of Scientific Research
12:50 – 13:10	Mugariya Farooq and Shahad Hardan Mohamed Bin Zayed University of Artificial Intelligence, UAE Using Causal Discovery and Language Models for Survival Prediction in Breast Cancer	Maher Dabbas Al Ain University, UAE Antioxidant and A-Amylase Inhibitory Activities of Different Extracts of Olive Leaves from Jordan	Nazik M.E Mustafa Al Neelain University, Sudan Teratogenic Potential of Solenstemma Argel Extract in Wistar Albino Rats
13:10 – 13:30	Walaa Mousa Al Ain University, UAE Innovative Strategy to Reveal the Unique Chemistry of the Human Microbiome	Seham Al Raish Hemaya Institute for Health, Safety, Environment and Food Science, Sharjah Research Technology and Innovation Park, Sharjah Body Fat Percentage, BMI , Skinfold Thickness and Waist Circumference Among Young Athletes in the United Arab Emirates	Sahar Altoum UAE University, UAE Prevalence Of Pharmacogenomic Variants Associated with ACE-Inhibitors Induced Cough in Emirati Population
13:30 – 14:30	Lunch Break - Al-Dhafra Hall		
14:30 – 15:30	Scientific Poster Session & Exhibition - Al-Dhafra Hall Reception Area		

	Three Parallel sessions		
	Hall #241 (2 nd floor)	Hall # 242 (2 nd floor)	Hall # 243 (2 nd floor)
15:30 – 17:20	Clinical Pharmacy and Pharmacy Practice Chair: Faris El-Dahiyat Co-chair: Asim Elnour	Pharmaceutical Technology Chair: Mosab Arafat Co-chair: Arshad Mahmood	Drug Design and Discovery Chair: Abdullah Saleh Co-chair: Nezar Al-Bataineh
15:30 – 16:00	Iman A. Basheti (Virtual) Applied Science Private University, Jordan Assessing Anxiety and Depression Among Jordanian Students Post- COVID-19 and Unveiling the Associated Factors	Khairi M.S. Faelelbom Al Ain University, UAE Development and Validation of Green ATR-FTIR Spectroscopic Method for Quantitative Analysis of Ibuprofen Tablets	Adi Idris (Virtual) Griffith University, Australia An Intranasal Antiviral Rnai Therapy Against Emerging Respiratory Viruses
16:00 – 16:20	Maher Khdour Al-Quds University, Palestine Evaluation of Drug-Related Problems in Community Pharmacies: A Cross- Sectional Study	Mohammad A. Obeid Yarmouk University, Irbid, Jordan Lipid Nanoparticles Formulations: from Bench Scale to Industrial Scale	Muhammed Alzweiri University of Jordan, Amman, Jordan A stable conformer may lead to the chirality without an apparent chiral center; a model through a bis- bromoindole derivative as candidate drug against some serotonin receptors
16:20 – 16:40	Syed Arman Rabbani RAK Medical and Health Sciences University, UAE Implementation of Telepharmacy: Is this the Opportune Time?	Jana Alwattar Lebanese International University, Lebanon A Promising Avenue for Raloxifene as an Anticancer Agent: Comparative Nanovesicles Formulation, Characterization, and in Vitro Cytotoxicity Study.	Tareq Abu Izneid Al Ain University, UAE Design and Synthesis of Novel DC- SIGN Antagonists as Potent Inhibitors of Emerging Viral Infections
16:40 – 17:00	Mohamed Baraka Al Ain University, UAE Exploring Pharmacists' Perceptions Towards Telepharmacy	Mohammad Boustannudin Al Ain University, UAE Engineering Nanomedicines from Butylglyceryl-Modified Polysaccharides for Drug Delivery Applications	Mohamad Taher Mousa UAE University, UAE Medicinal Plants of United Arab Emirates: their Database, Traditional Uses and Natural Source for Drug Discovery
17:00 – 17:20		Hesham Elashmouny Gulf Medical University, UAE Formulation and Optimization of Transdermal 18-B Glycyrrhetic Acid Hybrid Nanovesicular Gels	Saad Touqeer Al Ain University, UAE Phytochemical Analysis and in Vitro Thrombolytic Activity of Embelia Robusta and Dracaena Reflexa

January, 19 th 2023			
9:30 - 10:30	Plenary Speaker: Jonathan Ling, University of Sunderland, UK Title: Improving Vaccination Uptake – Using Protection Motivation Theory to Understand Vaccine Hesitancy Chair: Anan Jarab Venue: Al-Jawhara Theater		
10:30-11:00	Coffee Break - Coffee Break - Al-Jawhara Theater Reception Area		
11:00 – 12:30	Three Parallel Sessions		
	Hall #241 (2 nd floor)	Hall # 242 (2 nd floor)	Hall # 243 (2 nd floor)
	Clinical Pharmacy and Pharmacy Practice	Nutrition and Food Science	Drug Discovery and Design
	Chair: Mohammad Al Ahmad Co-chair: Zelal Jaber	Chair: Maher Dabbas Co-chair: Yazan Ranneh	Chair: Tareq Abu Izneid Co-chair: Saad Touquer
11:00 – 11:30	Eman Abu-Gharbieh University of Sharjah, UAE The Experience of Patients Diagnosed with COVID-19 Infection, and the Role of the Pharmacist During their Infection: A Case Study from the United Arab Emirates	Mohamed Shehata Abu Dhabi Agriculture and Food Safety Authority, UAE Detoxification Role of Lactobacilli Fermented Opuntia Ficus Indica Juice on Cadmium Toxicity in Male Rats	Mohammad Ghattas Al Ain University, UAE The AAU Molecular Modelling Lab: A Decade of Lessons!
11:30 – 11:50	Adel Sadeq Al Ain University, UAE Urinary Tract Infection Case Study	Saad Masri Abu Dhabi Agriculture and Food Safety Authority, UAE Characterization of Probiotic Lactic Acid Bacteria form Honeybee for Potential Use in Food Applications	Dima A. Sabbah Al-Zaytoonah University of Jordan Design And Development of Phosphoinositide-3-Kinase (PI3K α) Inhibitors
11:50 – 12:10	Banaz Jalil (Virtual) UCL School of Pharmacy, England Herbal Medicines in the Middle East: A Cross-Sectional Survey of Community Pharmacist's Perspective and Knowledge	Nadia Hussain Al Ain University, UAE Effect of Magnesium Supplementation on Diabetic Peripheral Neuropathic Pain: A Randomized, Placebo-Controlled Study of Diabetic Patients with Hypomagnesemia	Mohammad Assi Lebanese International University, Lebanon Thymoquinone Loaded Nanosponge as A Potential Effective and Safe Anticancer Drug Delivery System
12:10 – 12:30	Asil Sadeq Trinity College Dublin, Ireland Work System Analysis to Explore the Medicines Management Process in the Nursing Home Setting in Ireland: A Qualitative Study Using the Systems Engineering Initiative for Patient Safety Model	Inayat Ali Fatima Jinnah Women University Rawalpindi, Pakistan Climate Change and Food Insecurity in Pakistan: Reflections on Availability, Accessibility, and Affordability of Food	Hussam Alrabaiah Al Ain University, UAE Time-Dose Response Modeling of Toxicants
12:30 – 13:30	Postgraduate Competition (Poster) & Exhibition - Al-Dhafra Hall Reception Area		
13:30 – 14:30	Lunch Break - Al-Dhafra Hall		

14:30 – 16:30	Three Parallel Sessions	
	Hall #241 (2 nd floor)	Hall # 242 (2 nd floor)
	Biomedical and Health Sciences	HealthCare Education
	Chair: Amira Ahmed Co-chair: Rose Ghemrawi	Chair: Adel Sadeq Co-chair: Taima Alqudah
14:30 – 15:00	Walid Al-Qerem (Virtual) Al-Zaytoonah University of Jordan Variables Associated with Asthma Control Among Children	Zelal Jaber Al Ain University, UAE Are We Ready Yet for Digital Transformation? Virtual Versus On-Campus OSCE As Assessment Tools in Pharmacy Education. A Randomized Controlled Head-to-Head Comparative Assessment
15:00 – 15:20	Sara Mousa Al Ain University, UAE Investigation of the Interactions Between Probiotics and Orally Administered Xenobiotics	Saif Alneyadi Al Ain University, UAE The Impact of Augmented Reality Applications on Emirati Grade 12 Students' Achievement And Attitudes Towards Health Science Education
15:20 – 15:40	Nayla Munawar UAE University, UAE Soluble Expression of Halophilic Enzymes: Challenges and Potential Solutions	Asim Ahmed Elnour Al Ain University, UAE Assessment of the Clinical Pharmacist's Knowledge, Skills, and Competencies in Evidence-Based Medicine: An Interrupted Time Series Design
15:40 – 16:00	Meriam Alomari Al Ain University, UAE The Impact of A Clinical Pharmacist-Managed Anticoagulation Clinic on Patients' Outcomes and Adherence	Sumaya Daoud Al Ain University, UAE Higher Education Institutions' Contribution to SDG 3 Achievement Through Pharmacy Education: Current Practices and Future Possibilities in the UAE
16:00 – 16:20		Danah Obaid Al Ain University, UAE A Bibliometric Study: Pharmacy Practice Research in the UAE
16:30 – 17:30	Awards & Closing Ceremony Venue: Al-Jawhara theater	

Workshop on
“Cloud-based Hands-on Workshop: Computationally Driven Drug Design Workflows”

Dates: Jan 19-20, 2023
Venue: Computer lab 209

Workshop Speakers from Schrödinger - Dr. Pritesh Bhat, Dr. Koushik Kasavajhala

Workshop Highlights: Two-day cloud-based hands-on workshop targeting structure-based drug designing. Participants will get practical experience and in-person guidance in using the Maestro GUI, covering organic molecule sketching, protein selection, preparation, and screening for hit identification of molecules against therapeutic targets. The workshop will also include a brief recap of background theory for Molecular mechanics, Molecular Docking, and Molecular Dynamics, etc. via case studies on the real-time industrial projects.

Workshop agenda:

Session 1 (Thursday, 19 th of January, 2023)	
Introduction to Molecular Modelling	
14:15-14:30	Technical set-up, Audio & Visual Check
14:30-15:00	Opening molecular modeling Introductory presentation
15:00-15:10	Logging into the Cloud instance
15:10-15:30	Maestro GUI: Building molecules in 2D and 3D
15:30-15:45	Maestro GUI: Smiles
15:45-16:05	Maestro GUI: Protein Visualization
16:05-16:15	Protein Preparation
16:15-16:30	Grid Generation
16:30	Review Day 1 activities and finish

Session 2 (Friday, 20th of January, 2023)

Molecular Docking and Introduction to molecular dynamics

9:00-9:15	Ligand preparation
9:15-9:30	Molecular Docking
9:30-10:30	Docking Analysis
10:30-10:50	Coffee Break
10:50-11:20	Opening-Molecular Dynamics theory presentation
11:20-11:25	Logging into the cloud instance
11:25-11:50	Protein Preparation
11:50-12:10	Desmond introduction and building your MD simulation system
12:10-12:30	Desmond molecular dynamics submission

Session 3 (Friday, 20th of January, 2023)

Molecular dynamic analysis and homology modeling

14:00-14:30	Desmond molecular simulation Analysis 1- Visual Analysis
14:30-15:10	Desmond molecular simulation Analysis 2- Quantitative Analysis using simulation Interaction Diagram
15:10-15:40	Organic molecules enumeration and ADME- Ligand Designer
15:40-16:10	Introduction to homology modeling
16:10-16:25	Practical on homology modeling
16:25-16:35	Review day 2 activities and finish with concluding remarks

POSTERS LIST

Domain: DRUG DESIGN AND DISCOVERY	
No.	SCIENTIFIC POSTER
DD04	Methods of Assessment of Polysialyltransferase Inhibitors for Treatment of Tumour Cell Dissemination Xiaoxiao Guo, Jodie R. Malcolm, Anjana Patel, <u>Marrwa M. Ali</u> , Goreti Ribeiro Morais, Steven D. Shnyder, Paul M. Loadman, Laurence H. Patterson And Robert A. Falconer Ahfad University for Women, Sudan
DD06	In Silico Evaluation And Design of Allosteric SARS-Cov-2 Main Protease (Mpro) Inhibitors Via Structure-Based Drug Design <u>Lara Alzyoud</u> , Radwa E. Mahgoub, Fedaa Mohamed, Bassam R. Ali, Wael Rabeh, Juliana Ferreira, Noor Atatreh, Mohammad A. Ghattas Al Ain University, UAE
DD09	Synthesis of New Potential Beta Adrenergic Receptor Agonist Abdullah Saleh and Zyad Abuelioah Al Ain University, UAE
DD10	Synthesis of Highly Potent Schiff Based Derivatives from Primary Amine Drugs and Aldehydes: New Vistas in Medicinal Chemistry <u>Saad Touqeer</u> , Umair Ikram Dar, Kishwar Sultana Al Ain University, UAE
DD15	Stimuli-Responsive Chemically Crosslinked Hydrogels for Targeted Release Of 5- Fluorouracil <u>Sobia Noreen</u> , Arsalan Maqbool, Muhammad Naveed, Fahad Pervaiz, Asadullah Madni University of Innsbruck, Austria
DD24	Synthesis of Mixed α,α-Dihaloketones with Potent Anticancer Activity using Magnesium Carbenoids <u>Saad Touqeer</u> , Vittorio Pace Al Ain University, UAE
DD25	Identification of New Potential SHP2 Inhibitors Through Ligand Growing Technique <u>Shaima Hasan</u> , Mohammad Ghattas, Saad Touqeer, Rose Ghemrawi, Noor Attatrah Al Ain University, UAE
DD26	LC-MS/MS Screening, Total Phenolic, Flavonoid and Antioxidant Contents of Crude Extracts from Asclepiadaceae Species <u>Nezar Al-Bataineh</u> Al Ain University, UAE
POSTGRADUATE COMPETITION POSTER	
DD05	Development of A Novel and Validated Protocol for Covalent Docking Based Virtual Screening Against SARS-Cov-2 Mpro <u>Radwa E. Mahgoub</u> , Mohammad A. Ghattas, Noor Atatreh, Feda E. Mohamed, Bassam R. Ali, Wael Rabeh Al Ain University, UAE
DD11	Accurate Aggregates Anticipator: Use of machine learning in the development of drug discovery tool for predicting Colloidally-Aggregating Molecules <u>Abdallah Abou Hajal</u> , Richard A. Bryce, Mohammad A. Ghattas Al Ain University, UAE

DD13	Synthesis of 3'-Deoxy-3'-Acrylamide and Cyanoacrylamide-Containing Ribonucleotide Analogues as Potential Antiviral or Anticancer Agents <u>Ahmed Ibrahim</u> , Abdullah Saleh, and Tareq Abu-Izneid Al Ain University, UAE
DD14	Click Synthesis of Nucleoside based Analogues as Novel Sialyltransferase Inhibitors <u>Ranim Al Saoud</u> , Tareq Abu Izneid Al Ain University, UAE
DD19	Computer-Aided Design and Chemical Synthesis of Novel Series of Pyrazolo Pyrimidine Derivatives as EGFR Tyrosine kinase Inhibitors <u>Sharrol Jesmine</u> , Eman M. El-labbad , Ahmed T. Negmeldin Gulf Medical University, UAE
DD20	Computer-aided Drug Design & Molecular Docking Studies of Tranilast Analogues as Potential Inhibitors of Transforming Growth Factor- β Receptor type 1 Nusaiba A. Babiker , Ahmed T. Negmeldin , Eman M. El-Labbad Gulf Medical University, UAE
DD21	Synthesis, Characterization, Molecular Docking and Biological Evaluation of Schiff Base Derivatives of Cefpodoxime <u>Waqas Mahmood</u> , Irshad Ahmad, Mohsin Abbas Khan The Islamia University of Bahawalpur, Pakistan

Domain: CLINICAL PHARMACY AND PHARMACY PRACTICE

No.	SCIENTIFIC POSTER
CPPP01	The Awareness and Barriers Towered Breast Cancer Screening <u>Mohammad A Al-Ghazali</u> , Abdulkarim M Alshammakhi, Fatma M Algabri, Sondus S Almamari National University for Science & Technology, Oman
CPPP03	Assessment of Changes in the Epidemiology and Prognosis of Non-SARS-CoV-2 Respiratory Infections a Year after Recovery from COVID-19 <u>Ahmad Z. Al Meslamani</u> , Nour Sammani Al Ain University, UAE
CPPP09	Community Pharmacists Perception Towards an Expanded Role in Practice <u>Amira SA Said</u> and Soha HS Aboueida Al Ain University, UAE
CPPP13	The Impact of Health Belief Model on Nonadherence with Medication Therapy in the Treatment of Hypertensive and The Associated Factors in an Outpatient Clinic. <u>Faris El-Dahiyat</u> , Ammar Abdulrahman Jairoun, Sabaa Saleh Al-Hemyari , Abdullah Elrefae, Mohammed Alsbou Al Ain University, UAE

CPPP14	UAE Pharmacists' Attitudes Toward Including Diagnosis or Clinical Indication on Prescription orders Amar M Hamrouni Al Ain University, UAE
CPPP15	Evaluating the Use of Evidence-Based Medicine in Health Care in the United Arab Emirates Mohammad Majed Al Ahmed Al Ain University, UAE
CPPP40	Pharmaceuticals Regulatory and Administrative Control Bodies in UAE Legislations. Ahmad A. Al Dalaïen, Mohammad Alkrisheh , Faris El-Dahiyat Al Ain University, UAE
CPPP41	Evaluation of NSAIDs Use and Misuse by Patients with Cardiovascular Disease in the Lebanese Community Mohammad Assi Lebanese international university, Lebanon
CPPP42	Evaluation of Knowledge, Practice, And Attitude of Safe Medication Disposal Among Students at the Universities in the United Arab Emirates: Cross-Sectional Study Feras Jirjees , Zelal Kharaba, Manal Al-Sha'rawy, Hala Al-Obaidi, Kawthar Kayed, Yassen Alfoteih Sharjah University, UAE
POSTGRADUATE COMPETITION POSTER	
CPPP06	The impact of a clinical pharmacist-managed anticoagulation clinic on patients' outcomes and adherence Meriam Alomari , Faris El-Dahiyat, Ammar Alhabib, Ammar Jairouni Al Ain University, UAE
CPPP07	Outcome of Topiramate in Migraine Prophylaxis : A prospective single-center Study from Sudan Mohammed Eltahier Abdalla Omer Gadarif University, Sudan
CPPP12	Knowledge, Attitude and Practice of Physicians Towards the Use of Influenza Vaccine In Chronic Obstructive Pulmonary Disease in UAE Aisha Almotairy EHS, UAE

CPPP17	Total Antioxidant Status in Type II Diabetics with and Without Complications Patients' Outcomes and Adherence <u>Remah Salih Al Salman</u> , Mohammad Majed Al Ahmad Al Ain University, UAE
CPPP18	A Bibliometric study: Pharmacy practice research in the UAE <u>Dane Obaid</u> , Faris El-Dahiyat, Zaheer-Ud-Din Babar Al Ain University, UAE
CPPP22	Machine Learning in Predicting the Risk Factors and Mortality in COVID-19 Patients Noor Salmeh, <u>Sedra Jamal</u> , Alin Alkawarit, Asim Elnour, Taima Alqudah, Abdullah Shehab Al Ain University, UAE
CPPP24	Work system analysis to explore the medicines management process in the nursing home setting in Ireland: A qualitative study using the Systems Engineering Initiative for Patient Safety model <u>Asil Sadeq</u> , Cristin Ryan, Connie Brennan, Deirdre Shanagher, Karla Walsh, Sean Kennelly, Claire Noonan, Tamasine Grimes Trinity College Dublin, Ireland
CPPP26	Evaluating Pharmacists' Practice and Ability to Recognize Medication Errors Among Self-Medicating Patients in the UAE – A Simulated Patient Study <u>Samaa Fadda</u> , Akram Ashames, Abdullah Hassan Ajman University, UAE
CPPP27	Metabolic and Renal Outcomes Of Empagliflozin Among Emirati Patients With Type 2 Diabetes Marwan El-Deyarbi, Luai Ahmed, Jeffrey King, Aysha Al Dhaheri, Ahmed Al Juboori, Nirmin Mansour, Salahdein Aburuz. United Arab Emirates University, UAE
CPPP28	Evaluation of Knowledge, Screening Practice, and Potential Risk Prevalence of Breast Cancer Among Women In UAE <u>Marm Abbas</u> , Mirza Baig Dubai Pharmacy College for Girls, UAE
CPPP29	Evaluation of UAE Pharmacists' Knowledge and Attitudes on the Quality and Efficacy of Face Masks, Hand Sanitizers, and Alcohol Sprays Sold During the COVID-19 Pandemic. <u>Abdallah Abd Al Magied</u> , Samaa Fadda, Akram Ashames Ajman University, UAE
CPPP32	A Pharmacy-Dental Collaborative Model in Providing Smoking Cessation Program in The Dental Setting: An Interventional Study <u>Wahbi Ghaouji</u> , Sanah Hasan, Nageeb Hasan, Abdulrahman Saleh Ajman University, UAE

CPPP34	Estimating Antibiotics Consumption in A Tertiary Care Hospital in Islamabad Using A WHO's Defined Daily Dose Methodology Naila Jabeen, Waseem Ullah , Javeria Khalid , Nida Saleem , Sidra Noor Shifa Tameer-e-Millat University, Pakistan
CPPP37	Development and Psychometric Evaluation of the Infectious Numeracy Test (INT) Sanah Hasan , Mahmoud Gamal , Catarina Samorinha , Nageeb Hassan , Raghd Alaila Ajman University, UAE
CPPP38	Development of the Asthma Knowledge Test (AKT) for assessing Patient Knowledge of Asthma Sanah Hasan, Shrouq Mahameed, Lamees Alakhras Ajman University, UAE
CPPP39	Development and evaluation of 'DWAIE' mobile application for drug management in chronic disease patients: focus group and interview Dima Adnan Koutaich, Dalia Bassam Ichtay, Omar Ashraf Abuhaif University of Sharjah, UAE

Domain: PHARMACOLOGY AND MOLECULAR THERAPEUTICS	
No.	SCIENTIFIC POSTER
PMT01	Monoacylglycerol Lipase Inhibitors Relieve Chemotherapy-Induced Neuropathic Pain: Studies in Mice Models Willias Masocha, Altaf Al-Romaiyan Kuwait University, Kuwait
PMT02	Antioxidant Activity and Protective Effect of Fluoroquinolones Derivatives in Carbon Tetrachloride Induced Liver Injury in Rats Suhair Hikmat, Tareq Al-Qirim, Manal Suleman, Yusuf Al-Hiari Al-Zaytoonah University, Jordan
PMT03	Significant Effect of Tamoxifen Resistance Development Method on ER, PR and MKI67 Genes Expression levels in Luminal A Breast cancer cells Lama Hamadneh, Rama Abuarqoub , Mohamad Bahader , Yazan Hamadneh Al-Zaytoonah University, Jordan
PMT06	The Protective Effect of Diminazene, An Angiotensin Converting Enzyme 2 Activator, on Cisplatin-Induced Acute Kidney Disease in Rats Yousuf M. Al Suleimani, Ahmed S. Al Mahruqi, Aly M. Abdelrahman, Priyadarsini Manoj, Khadija S. Almashaiki, Ali S. Al Khamiasi, Badreldin H. Ali Sultan Qaboos University, Oman
PMT08	Effect Of Diminazene, An Angiotensin Converting Enzyme 2 Activator, on Fructose-Induced Hypertension in Rats Yousuf M. Al Suleimani, Aly M. Abdelrahman, Priyadarsini Manoj, Mohammed Ashique, Badreldin H. Ali Sultan Qaboos University, Oman

POSTGRADUATE COMPETITION POSTER

PMT07	Elaeagnus Angustifolia Plant Extract Inhibits Epithelial- Mesenchymal Transition in Human Colorectal Cancer Via B-Catenin/JNK Signaling Pathways Arij Fouzat Hassan, Ashraf Khalil and Ala-Eddin Al Moustafa Qatar University, Qatar
PMT11	Metabolomics Analysis Reveals Significant Metabolic Changes in Brain Cancer Cells Treated with Cisplatin and/or Paclitaxel Munazza Ahmed, Ahlam Semreen, Leen Oyouun, Mohammad Harb, Karem Alzoubi University of Sharjah, UAE
PMT12	Prevalence of Pharmacogenomic Variants Associated with ACE-inhibitors Induced Cough in Emirati Population Sahar Altoum, Zeina Al-Mahayri, Habiba Alsafar, Bassam R. Ali United Arab Emirates University, UAE
PMT14	Multi-Omics Analysis Revealed Significant Metabolic Changes in Brain Cancer Cells Treated with Paclitaxel and/or Topotecan Ahlam M. Semreen, Leen Oyouun Alsoud, Nelson Soares, Alexander Giddey, Mohammad H. Semreen, and Karem H. Alzoubi University of Sharjah, UAE

Domain: NUTRITION AND FOOD SCIENCE

No.	SCIENTIFIC POSTER
NFS01	Impact of Processing and Preservation Methods on Total Phenolics, Flavonoids and Antioxidant Activities of Okra (Abelmoschus Esculentus L.) Maher Al-Dabbas, Majd Mumneh, Mahmoud Abu-Ghoush, <u>Balkees Abuawad</u> Al Ain University, UAE
NFS04	Food Safety And Quality Assessment of The Foodstuffs Served in the Fast Foods Restaurants and their Role on the Consumer Health and Perception During Covid-19 <u>Mahmoud Abughoush</u> , Amin N. Olaimat, Murad A. Al-Holy, Maher Al-Dabbas, Sajid Alavi, Sofyan Maghaydah, Imranul Choudhury Al Ain University, UAE
NFS05	Thiamine, Vitamin C and Vitamin D Mixture Ameliorate Hepatic Injury in Rat Model of Lipopolysaccharide-Induced Sepsis Via Down-Regulation of NF-Kb <u>Yazan Ranneh</u> , Mahmoud Abu Ghoush, Abdulmannan Fadel Al Ain University, UAE
NFS06	Antioxidant and Antimicrobial Properties Of Propolis from Different Geographic Regions in UAE and its Applications in Food Safety <u>Hassan M Al Marzooqi</u> , Mohamed G Shehata, Hanan S Afifi, Saad H Masry, Shabarinath Srikumar Abu Dhabi Agriculture and Food Safety Authority, UAE
NFS10	The Prevalence of Stimulant and Nutritional Supplement Usage Among Students At Abu Dhabi Universities in Gyms <u>Majed El-Saleh</u> , Ziyad Ellala, Balkees Abuawad, Shaden Al Atassi Al Ain University, UAE

NFS17	The eating attitude amongst outstanding and ordinary students in the College of Education at Al Ain University: A cross-sectional study <u>Balkees Abuawad</u> , Ziyad Ellala, Majed ElSaleh, Ahmad Al Maslamani. Al Ain University, UAE
NFS18	Evaluation of Pasta Enriched With Spirulina Platensis Microalgae: (2) Medicinal And Biological Evaluation. <u>El-Sharnouby, G.A</u> and Abughoush, M.H Al-Azhar University, Egypt
POSTGRADUATE COMPETITION POSTER	
NFS20	Relationship Between Mediterranean Diet Adherence, Objectively Measured Physical Activity, and Sleep with Glycemic Control Using FGM Among Children with Type 1 Diabetes: A Mixed Methods Cross-Sectional Study <u>Mariam Muayyad Dabbus</u> , Salahdeen Abusnana, Bashair M. Mussa, Naguib Hassan Abdelreheim, Elham Al Amiri, Mays Daboul, Zainab Al-Abdala, Radwa Helal, Nader Lessan, Dana Abdelrahim, MoezAllIslam Ezzat Faris*

Domain: PHARMACEUTICAL TECHNOLOGY	
No.	SCIENTIFIC POSTER
PT05	Application of Physiological Based Pharmacokinetic Model to Study Formulation Effects of Pharmacogenic Drug. <u>Muhammad Sarfraz</u> and Rami Abu Jarad Al Ain University, UAE
PT07	Synthesis and In-Vitro Characterization of Thiolated Ultra-Low Molecular Weight Polymeric Conjugates for Mucosal Drug Delivery Arshad Mahmood Al Ain University, UAE
PT08	Comparison Between Branded and Generic Glimepiride 1 Mg Tablets Using in Vitro Evaluation and Thermal Analysis Assessment Methods <u>Mosab Arafat</u> , Anna Esmail, Salah AbuRuz Al Ain University, UAE
PT12	Preparation of Naproxen-Loaded Chitosan/Carrageenan Nanoparticulate-Containing Gel for Topical Delivery and in-Vitro and in-Vivo Characterization <u>Sobia Noreen</u> , Arsalan Maqbool, Muhammad Naveed, Fahad Pervaiz, Asadullah Madni University of Innsbruck, Austria
POSTGRADUATE COMPETITION POSTER	
PT03	Formulation of Fusidic Acid-Loaded Amphiphilic Chitosan Nanoparticles for Enhanced Percutaneous Drug Delivery <u>Aisha Tajuldeen Salam</u> , Mohammad F. Bostanudin Al Ain University, UAE

PT06	Development and in Vitro Evaluation of the Controlled-Release Delivery System of Xanthine Filled in Hard Gelatin Capsule Size 00 <u>Molham Sakkal</u> , Mosab Arafat Al Ain University, UAE
PT09	Investigations of Amphiphilically-Modified Chitosan Nanoparticle-Based Hydrogel Containing Naproxen for Drug Delivery Applications <u>Nour Sammani</u> , Mohammad F. Bostanudin Al Ain University, UAE
PT10	Formulation and Characterization of Metronidazole-Loaded Nanoparticles from Hydrophobically-Modified Maltodextrin <u>Mohammad Magramane</u> , Mohammad F. Bostanudin, Arshad Mahmood Al Ain University, UAE
PT15	Formulation and Optimization of Transdermal 18-β Glycyrrhetic acid Hybrid Nanovesicular Gels <u>Hesham M Elashmouny</u> , Muhammad Y Al-Shorbagy, Shery Jacob, Husam Nawafleh, Mohamed Haider, Ibrahim Elsayed Gulf Medical University, UAE
PT16	Fabrication of Microneedles for the Mucosal Drug Delivery <u>Noor Natheer Al-Rawi</u> , Mark (Mutasem) Rawas Qalaji University of Sharjah, UAE

Domain: BIOMEDICAL SCIENCES	
No.	SCIENTIFIC POSTER
BS01	The Rationale Behind COVID-19 Vaccines' Effectiveness and their Associated Immunological Mechanisms Sami El Khatib Lebanese International University, Lebanon
BS04	Identification of Potential Hent1 Inhibitors Using A Combined Approach of Ligand-Based And Receptor-Based Virtual Screening <u>Azza Ramadan</u> , Rose Ghemrawi, Sedra Jamal, Lama Abuamer, Yusra Maher, Mohammad Ghattas Al Ain University, UAE
BS08	Phones Microbial Contamination in UAE During COVID-19 Pandemic <u>Kawthar Kayed</u> , Rose Ghemrawi Al Ain University, UAE
BS13	Machine Learning Algorithms and Computational Validation of CYP2C9 Polymorphisms in Predicting Therapeutic Outcomes of Warfarin. <u>Kannan Sridharan</u> , Suchetha Manikandan, George Priya Doss, Rashed Al Banna Arabian Gulf University, Bahrain

BS14	<p>Zinc Attenuates the Acute Renal Damaging Effects of Hydroxychloroquine in Adult Male Albino Rats</p> <p><u>Nihal A. Ibrahim</u> , Manal A Buabeid, Kadreya E. Elmorshedy Ajman University, UAE</p>
POSTGRADUATE COMPETITION POSTER	
BS03	<p>investigation of the interactions between probiotics and orally administered xenobiotics</p> <p><u>Sara Mousa</u>, Dana Obaid, Muhammad Sarfraz, Walaa Mousa Al Ain University, UAE</p>
BS07	<p>The Putative Role of Autophagy in the Anti-Tumorigenic Role of Angiotensin II Receptor Blocker Losartan in Breast and Lung Cancer</p> <p>Azizeh Alsayyid, Rose Ghemrawi, Aya Qasem, <u>Azza Ramadan</u> Al Ain University, UAE</p>
BS09	<p>Using Causal Discovery and Language Models for Survival Prediction in Breast Cancer</p> <p><u>Mugariya Farooq</u>, Shahad Hardan, Kun Zhang Mohamed Bin Zayed University of Artificial Intelligence, UAE</p>
BS05	<p>Targeting the Post-Translational Modification “Methylation” for Treating Breast Cancer</p> <p><u>Aya Al Qassem</u> , Azza Ramadan, Rose Ghemrawi Al Ain University, UAE</p>
BS12	<p>The Most Correlative and Predictive Test Through Lipid Profile for Ischemic Heart Diseases</p> <p>Ramah Taj Eddin Baaj AL sham Private University, Syria</p>
BS16	<p>Individualizing the Anti-Platelet Therapy for Patients of Acute Coronary Syndrome Based on Genomics Guided Approach In The United Arab Emirates.</p> <p>Lubna Q. Khasawneh, Mais N. Alqasrawi, Zeina N. Al-Mahayri, Sahar Altoum, Dana Hamza, Sally Badawi, Gohor Jamil, Husam Ouda, Fatima Al-Meskari, Juma M Al-Kaabi, George P. Patrinos and Bassam R. Ali United Arab Emirates University, UAE</p>
BS18	<p>Elucidation of the cellular and molecular basis of familial hypercholesterolemia in the UAE</p> <p>Aseel A., Jawabri, Divya S., Varghese, Hinda Daggag, Bindu Shobi, Antoine Rimbert, Bassam R., Ali United Arab Emirates University, UAE</p>

CPBS'23 COMMITTEES

HONORARY CHAIR

Noor Aldeen S. A. Atatreh, Al Ain University, UAE

Ghaleb A. El Refae, Al Ain University, UAE

CONFERENCE CHAIR

Khairi Mustafa Salem, Al Ain University, UAE

SCIENTIFIC COMMITTEE MEMBRES

Anan Jarab (Chair), Al Ain University, UAE

Suhad AbuMweis (Co-chair), Al Ain University, UAE

Tareq Abu Izneid (Co-chair), Al Ain University, UAE

Adel Sadek, Al Ain University, UAE

Adi Idris, Griffith University, Australia

Adil Aldhahrani, Al Taif University, KSA

Ahmed Al-Abd, Gulf Medical University, UAE

Amira Shaaban Ahmed, Al Ain University, UAE

Arshad Mahmood, Al Ain University, UAE

Asim Elnour, Al Ain University, UAE

Bassam Ali, United Arab Emirates University, UAE

Dima Sabbah, Al-Zaytoonah University of Jordan, Jordan

Fazren Azmi, The National University of Malaysia, Malaysia

Feras Darwish El Hajji, Applied Science Private University, Jordan

Ghalia Khoder, Sharjah University, UAE

Ghassan Shattat, King Saud bin Abdulaziz University for Health Sciences, KSA

Karem H. Alzoubi, University of Sharjah, UAE

Maier Dabbas, Al Ain University, UAE

Maier Khmour, Al-Quds University, Palestine

Moawia Altabakha, Ajman University, UAE

Mohamed Baraka, Al Ain University, UAE

Mohamed Rahal, Lebanese International University, Lebanon

Mohamed Rashrash, Charleston University, USA

Mohammad Al Sorkhy, University of Toronto Mississauga, Canada

Mohammad Bostanudin, Al Ain University, UAE

Mohammad Hudaib, University of Jordan, Jordan

Mohammed Imad Malki, Qatar University, Qatar

Mohamad Odeh, The Hashemite University, Jordan

Nageeb Abdul Galil Mohamed Hassan, Ajman University, UAE

Racha Zgheib, Lorraine University, France

Rula M. Darwish, University of Jordan, Jordan

Saad Touqeer, Al Ain University, UAE

Sehar Iqbal, Al Ain University, UAE

Walid Al-Qerem, Al-Zaytoonah University of Jordan, Jordan

Yazan Ranneh, Al Ain University, UAE

ORGANIZING COMMITTEE MEMBERS

Mohammad Ghattas (Chair), Al Ain University, UAE

Rose Ghemrawi (Co-chair), Al Ain University, UAE

Faris El-Dahiyat, Al Ain University, UAE

Kawthar Kayed, Al Ain University, UAE

Mahmoud Abu-Ghoush, Al Ain University, UAE

Mohammad Al Ahmad, Al Ain University, UAE

Mosab Arafat, Al Ain University, UAE

Walaa Mousa, Al Ain University, UAE

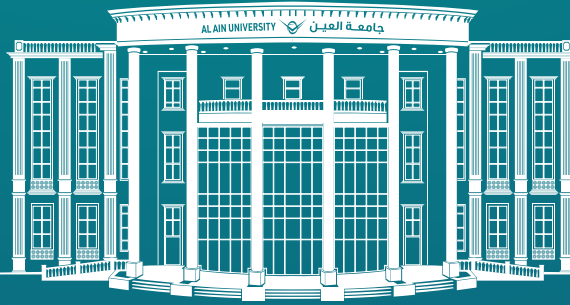
Zelal Kharaba, Al Ain University, UAE

CONFERENCE SECRETARY

Mrs. Vinnah Jenn, Al Ain University, UAE



جامعة العين
AL AIN UNIVERSITY



ABU DHABI CAMPUS

Phone: +971 2 6133555

Fax: +971 2 4034444

P.O.Box: 112612 Abu Dhabi, UAE

AL AIN CAMPUS

Phone: +971 3 7024888

Fax: +971 3 7024777

B.O.Box: 64141, Al Ain, UAE

f aau.uae



aau_uae



alainuniversity

aau.ac.ae



وزارة التربية والتعليم
MINISTRY OF EDUCATION



Engineering
Accreditation
Commission

