



## The 10<sup>th</sup> Emirati German Congress in Medicine, Dental Medicine, and Pharmacy

### Translational Medicine Scientific Program

#### Day 1: Monday, 5 February 2024 University of Sharjah, Main Campus

9:00 – 10:00 am - Welcoming and Registration Al Razi Hall M24

10:00 – 11:00 am - Opening Ceremony Al Razi Hall M24

**Theme: Cancer & Inflammation**

#### Session A:

- Prof. Mawieh Hamad, University of Sharjah (Chair)
- Dr. Yves Laumonier , University of Lübeck (Chair)

Time	Title	Speaker	Venue
11:00 – 11:20 am	Identification of novel therapeutic targets for blocking acantholysis in pemphigus	Prof. Jennifer Elisabeth Hundt	College of Medicine M27- 047
11:20 – 11:40 am	Exploring the Role of Some Phytochemicals in Regulating Aquaporin Expression, PI3K/ AKT Signaling, and PTEN Function in Colon Cancer Cell Lines	Prof. Yassir Khalil Bustanji	
11:40 – 12:00 pm	Protein profiling of colorectal cancer progression	Prof. Timo Gemoll	
12:00 – 12:20 pm	The Prostate Cancer Research in UAE: Upto Date	Dr. Zainab Al Shareef	
BREAK : 12:20 -12:40 pm			

#### Session B:

- Dr. Waseem Riad El-Huneidi, University of Sharjah (Chair)
- Prof. Timo Gemoll, University of Lübeck (Chair)

Time	Title	Speaker	Venue
12:40 – 1:00 pm	The rise of saffron from a spice to an anticancer drug: Insights & future directions	Prof. Amr Amin	College of Medicine M27- 047
1:00 – 1:20 pm	Cell-derived Nanoparticles regulate Neutrophil function and contribute to their phenotypic heterogeneity	Prof. Kathrin Kalies	
1:20 – 1:40 pm	DNA methylation-mediated epigenetic changes in hepatocellular carcinogenesis	Dr. Jibrán Sualeh Muhammad	
1:40 – 2:00 pm	The Evolution of (Entrepreneurial) Negotiations & Entrepreneurship as Sensemaking	Prof. Christian Willi Scheiner	
LUNCH 2:00 – 3:00 pm Medical Campus Cafeteria			

**Session C:**

- Prof. Maha Saber , University of Sharjah (Chair)
- Prof. Christian Willi Scheiner, University of Lübeck (Chair)

Time	Title	Speaker	Venue
3:00 – 3:20 pm	Characterization of a new population of eosinophils in human and murine duodenum	Dr. Yves Laumonier	College of Medicine - M27- 047
3:20 – 3:40 pm	Alarmins S100A8/9 in inflammation and immunity	Dr. Narjes Saheb Sharif-Askari	
3:40 – 4:00 pm	Sleep, inflammation, and immunity	Prof. Tanja Lange	
4:00 – 4:20 pm	Reviving Traditional Remedies: Plant Extracts as the Next Generation of Chemotherapy	Dr. Lara Bou Malhab	
FINAL REMARKS			
Social Program 4:30 – 8:30 pm			

**Day 2: Tuesday, 6 February 2024 University of Sharjah (Al Dhaid Campus)****Theme: Cancer & Inflammation: Poster Presentation**

Time	Title	Venue
8:00 am	Bus Pickup from Medical Campus to go to Al Dhaid	UOS Al Dhaid
10:00 – 12:00 pm	Poster Viewing	
12:00 – 5:00 pm	Lunch and sightseeing tour	
Return to UOS Main Campus 5:00 pm		

## Poster Presentation

10:00 am – 12:00 pm

- Prof. Iman Talaat, University of Sharjah (Chair)
- Prof. Jennifer Elisabeth Hundt, University of Lübeck (Co-Chair)
- Dr. Jalal Taneera, University of Sharjah (Co-Chair)

Presenter	Research Title
Bariaa Ahmad Khalil	Effect of Vitamin D on Inflammasome Activation and Steroid Resistance in Severe Steroid Hyporesponsive Asthma.
Batoul Akram Abi Zamer	Estrogen-Induced DNA Methylation and Metabolic Reprogramming in Colorectal Cancer Cells"
Ankita Srivastava	Hypothalamic Oxygen-Glucose Deprivation: A Potential Role in Pathogenesis of Hypoglycemia-Associated Autonomic Failure
Wafaa M. S. Abumustafa	Inhibition of PRMT5-mediated regulation of DKK1 sensitizes colorectal cancer cells to chemotherapy
Anfal Hussain Ali Hassan Mahmoud	Genetic and Molecular analysis of UAE families with Kidney disorders
Mariam Wed Abdelaziz Eladham	Intestinal-Pulmonary Crosstalk in Steroid Hypo-responsive Lung Inflammation
Muna Abdalla Ali Alhussain Alhammadi	FTO and ALKBH5 were down-regulated in renal cell carcinoma Middle Eastern cohort
Rola A. Y. AbuJabal	Investigating IL-5 involvement in airway fibrosis of asthma
Nour Abu Jayab	The vital role of NF- $\kappa$ B dysregulation in renal cell carcinoma
Lama Lozon	Effect of Safranal on the Response of Cancer Cells to Topoisomerase I Inhibitors: Dose Sequence Matter?
Zeinab Mohamed Ibrahim	Identification of gut microbiota-derived metabolites in cardiovascular and skeletal muscle deconditioning in simulated microgravity mice model
Eglal Omer Sir Alkhatim Mahgoub	Combined inhibition of Krüppel-like factor 8 and Autophagy to prevent colorectal cancer carcinogenesis and metastasis: A novel therapeutic approach
Baraa Khalid Salah Al-Sheakly	Targeting Interleukin-33/ST2 Pathway for the Treatment of Asthma

# Clinical Medicine Scientific Program

## Day 1: Monday, 5 February 2024 University of Sharjah, Main Campus

9:00 - 10:00 am - Welcoming and Registration Al Razi Hall M24

10:00 - 11:00 am - Opening Ceremony Al Razi Hall M24

### Theme: Gastrointestinal Cancers

- Prof. Oktay Irkorucu, University of Sharjah (Chair)

Time	Title	Speaker	Venue
11.00-11.20 am	Rectal Cancer Surgery in 2024 - Laparoscopic, robotic or transanal?	Tim Strate	College of Medicine- M27- 029
11.25-11.45 am	Robotics in Esophageal Cancer: State of the art or just another gimmick?	Human Honarp-isheh	
11.50-12.10 pm	Early Esophageal cancer: how to avoid major resection. Results of a trial combining endoscopic resection and laparoscopic lymphadenectomy.	Oliver Mann	
12.15-12.35 pm	New insights in the oncological management of hepatobiliary cancers	Riyad Ahmed Bendardf	
12.40-1.00 pm	TNT for rectal cancer: first clinical results after adoption	Cay-Uwe von Seydewitz	
1.05-1.25 pm	Past and Future of HPB-Cancers. Is there an Impact of New Technologies?	Klaus Nehaus	
1.30-1.50 pm	Liver resection for malignancies – how far can we push	Badar Zaman	
LUNCH 2:00 – 3:30 pm Medical Campus Cafeteria			
3:30 -3.50 pm	Radiotheranostics Overview in Oncology	Richard P. BAUM	College of Medicine- M27- 029
3:55 -4:15 pm	Treatment Options for Peritoneal Cancer in a Secondary Care Hospital	Louai AGHWAN	

### Theme: Urological Cancers

- Dr. Farhad Aljinahi, MBRU (Chair)

Time	Title	Speaker	Venue
11:00 -11:20 am	Holmium Laser Enucleation of the prostate in two lobe technique: Single surgeon experience after more than 1000 cases	Claus Renke BRUNKEN	College of Medicine - M27- 022
11:25 - 11:45 am	Treatment options of localized and metastatic renal cell carcinoma: current status and future options	David Sher-khan MARGHAWAL	
11:50 - 12: 10 pm	Updates in urinary bladder cancer	Farhad Aljenahi	
12:15am - 12:35 pm	European Association of Urology Guidelines on Testicular Cancer: 2023 Update	Anastasios Tahmatzopoulos	
LUNCH 2:00 – 3:30 pm Medical Campus Cafeteria			

### Orthopedic Workshop by

- Amir IPTCHELER

- Tarek SALMAN

## Day 2: Tuesday, 6 February 2024 University of Sharjah (Al Dhaid Campus)

Time	Title	Venue
8:00 am	Bus Pickup from Medical Campus to go to Al Dhaid	UOS Al Dhaid
10:00 am – 12:00 pm	Poster Viewing	
12:00 pm – 5:00 pm	Lunch and sightseeing tour	
Return to UOS Main Campus 5:00 pm		

# Dental Medicine Scientific Program

## Day 1: Monday, 5 February 2024 University of Sharjah, Main Campus

9:00 - 10:00 am - Welcoming and Registration Al Razi Hall M24

10:00 - 11:00 am - Opening Ceremony Al Razi Hall M24

**Theme: Multidisciplinary Approach Towards Comprehensive Management of Oral Cancer**

- Prof. Rani Samsudin, University of Sharjah (Chair)

- Dr. Wael Talaat, University of Sharjah (Chair)

Time	Title	Speaker	Venue
11.00-11.20 am	Oral Cancer in the UAE: the burden and challenges	Dr. Kamis Gaballah	College of Dental Medicine, M28-08-09
11.20-11.40 am	Early diagnosis of oral cancer, current status and future directions.	Dr. Mohammad Saleh Alrashdan	
11.40-12.00 pm	Circulating monocyte subsets as potential liquid biomarkers in head and neck cancer	Prof. Dr. Ralf Pries	
12.00-12.20 pm	Coffee Break		
12.20-12.40 pm	Treatment and reconstructive options for intraoral cancer	Prof. Nikolaus Moeckelmann	College of Dental Medicine, M28-08-09
12.40-1.00 pm	Strategies in Oral Cancer Management: Insights from UAE Hospital Practices	Dr. Muwafaq AL Ani Tawam Hospital	
1.00-1.20 pm	Prosthodontic challenges in rehabilitating oral cancer patients	Prof. Adam Bin Husein	
1.20-2.00 pm	Panel Discussions		College of Dental Medicine
LUNCH 2:00 - 3:30 pm Medical Campus Cafeteria			
Social Program 4:30 - 8:30 pm			

## Day 2: Tuesday, 6 February 2024 University of Sharjah (Al Dhaid Campus)

### Theme: Research in Mastership of Dental Sciences: Poster Presentation

Time	Title	Venue
8:00 am	Bus Pickup from Medical Campus to go to Al Dhaid	UOS Al Dhaid
10:00 am – 12:00 pm	Poster Viewing	
12:00 pm – 5:00 pm	Lunch and sightseeing tour	
Return to UOS Main Campus 5:00 pm		

### Poster Presentation

10:00 am – 12:00 pm

- Prof. Zahi Badran University of Sharjah (Chair)
- Dr. Nadia Khalifa, University of Sharjah (Chair)

Presenter	Research Title
Fatima Jasim Alzaabi	In vitro comparison of pilot, partially and fully - guided periapical surgical procedures
Yazan Mohamad Mahmoud	A Study on the Association between Skeletal Malocclusion, Upper Airway Cross-sectional Area and Upper Airway Volume Among the Patients in University Dental Hospital, Sharjah
Fatima Alkhajeh	Adjunctive Use of a Novel Hyaluronic Acid/Chlorhexidine Gel in The Non-Surgical Treatment of Periodontitis: A Randomized Controlled Trial
Abdulrahman Ahmed Abdulrahman	Internal Adaptation Push-out Bond Strength, Fracture and Fatigue Resistance of Customized CAD\CAM 3D- Printed and Milled Resin Composite Post-core And Crown
Mai Samara	Effect of Phytic Acid on Mechanical Characterization of Endodontic Instruments
Mohammad Ali Ahmed Salama	Effects of Prostaglandin EP2 Receptor Agonist, EP1 Receptor Antagonist Coupled with BMP7 in Human Osteoblast Collagen Matrix Organization and Healing in Vitro
Khadija Mohamed Alnaqbi	Specialized pro-resolving mediators (SPM) as biomarkers of periodontal inflammation
Shamsah Abdulla Al Ali	Biocompatibility and Enamel Remineralization Potential of Titanium-Doped Phosphate Glasses With/Without Er:YAG Laser Irradiation
Sarah Ali Abdulhameed	A Randomized Clinical Trial to Compare the Effects of Music and Informative Videos on Patient Anxiety During Endodontic Treatment
Ahmad Fawaz Saad	Role of statin in mitigating bone resorption secondary to titanium Dioxide particles in-vitro study
Qout Ali Ghunaim	Assessment of the effect of non-surgical periodontal therapy on endothelial function A prospective study
Zineb Abdelwahd	Polymerization and Cytotoxicity of Different Resin Composites
Ahmed Al Ani	Polyamide and PTFE sutures in dental implant surgery: A comparative study
Ahmed Tarig Zaki Abdelhameid	The Effects of Bisphosphonates and Glucose Levels on Osteoclast Differentiation and Function: An In Vitro Study

# Pharmacy Scientific Program

## Day 1: Monday, 5 February 2024 University of Sharjah, Main Campus

9:00 - 10:00 am - Welcoming and Registration Al Razi Hall M24

10:00 - 11:00 am - Opening Ceremony Al Razi Hall M24

**Theme: Bridging with Pharmaceutical Industry and Healthcare Institutions**

### Session A:

- Prof. Hany Omar, University of Sharjah (Co-Chair)
- Prof. Mohammad Semreen, University of Sharjah (Co-Chair)

Time	Title	Speaker	Venue
11:00 - 11:20 am	The Evolution of (Entrepreneurial) Negotiations & Entrepreneurship as Sensemaking	Prof. Dr. Christian Willi Scheiner, University of Lubeck, Germany	College of Pharmacy M23-029
11:20 - 11:40 am	Scientific regulations and laws in the Pharmaceutical Industry	Prof. Marina Soković, University of Belgrade, Belgrade, Serbia	
11:40 - 12:00 pm	Government, Regulatory and industry roles in the healthcare system and market access.	Dr. Tamer Abbas, Johnson & Johnson, Consumer Health, UAE	
12:00 - 12:20 pm	Opportunities for Bridging with Pharmaceutical Industry within UAE	Sameh Soliman, UOS, Sharjah, UAE	

### Session B:

- Prof. Iman Saad, University of Sharjah, UAE (Co-Chair)
- Prof. Dr. Christian Willi Scheiner, University of Lubeck, Germany Co-Chair)
- Prof. Mark Qalaji, University of Sharjah, UAE (Co-Chair)

Time	Title	Speaker	Venue
12:20 - 12:40 pm	Incorporating methodologies and conceptual apparatus of neuroscience, ethnic and racial contexts of communities	Dr. Samina Salim, University of Houston, Houston, USA	College of Pharmacy M23-029
12:40 - 1:00 pm	Pharmaceutical Quality by Design	Dr. Omar Qutachi, De Montfort University, Leicester, United Kingdom	
1:20 - 1:40 pm	The importance of ethics and integrity in the pharma industry.	Dr. Hani Hussien, Compliance officer, Boehringer Ingelheim, Dubai, UAE	
1:40 - 2:00 pm	Enhancing Antibiotic Stewardship: Identifying Antibiotic Use Targets	Dr. Mamoon Dyab, University of Huddersfield, Huddersfield, United Kingdom	
LUNCH 2:00 - 3:00 pm Medical Campus Cafeteria			



**Session C:**

- Prof. Abdul Moula Abdul Karim, University of Sharjah, UAE (Chair)
- Dr. Mohammad Shara, University of Sharjah, UAE (Co-Chair)

Time	Title	Speaker	Venue
3:00 – 3:20 pm	Harnessing the Untapped Therapeutic Potential of Small Molecule Inhibitors in pharmaceutical industry	Dr. Sumera Zaib, University of Central Punjab, Lahore, Pakistan	College of Pharmacy  M23-029
3:20 – 3:40 pm	Integration between academia and industry.	Dr. Hassan Sabbagh, General Manager, Gulf- Levant, AbbVie, UAE	
3:40 – 4:00 pm	Integration between academia and industry: Discussion and perspective.	Dr. Hicham Mirghani, GCC Director of Corporate Affairs, Astra Zeneca, Dubai, UAE	
4:00 – 4:20 pm	Pharmaceutical Care within Community Pharmacies: UAE Setting	Hamzah Alzubaidi, UOS, Sharjah, UAE	
Social Program 4:30 – 8:30 pm			

**Day 2: Tuesday, 6 February 2024 University of Sharjah (Al Dhaid Campus)**

Theme: Pharmaceutical Industry and Care Services: Poster Presentation

Time	Title	Venue
8:00 am	Bus Pickup from Medical Campus to go to Al Dhaid	UOS Al Dhaid
10:00 am – 12:00 pm	Poster Viewing	
12:00 – 5:00 pm	Lunch and sightseeing tour	
Return to UOS Main Campus 5:00 pm		

## Poster Presentation

- Dr. Sameh Soliman, University of Sharjah, UAE (Chair)
- Prof. Dr. Christian Willi Scheiner, University of Lubeck, Germany (Co-Chair)
- Dr. Feras Jirjees, University of Sharjah, UAE (Co-Chair)

Presenter	Research Title
Zainab Kailani, Rania Harati	Breast Cancer Brain Metastasis: Investigating the impact of breast cancer cell-conditioned media on the adhesion of breast cancer to the brain endothelium.
Ola Al-Abboodi, Mutasem Rawas-Qalaji	Revolutionary Applications and Impact of Microfluidics in Medical Fields
Yousef Msallam, Hasan Al-Niss	Synthesis and Evaluation of Novel DNA Minor Groove Binders as Potential Therapeutic Agents
Sarra B. Shakartalla, Sameh Soliman	Hypoxanthine, Unique Metabolite, in Breast Cancer Metastasis
Christina Almarmouri, Ghalia khoder	Novel Anti-Urease Sulfamate Derivatives as Promising Agents Against Helicobacter pylori: In vitro Assessment and Future Prospects
Sara Almansour, Ahmad Abuhelwa	Antithrombotic in Multiple Myeloma: Unveiling Adverse Effects and Survival Dynamics in Patients Receiving Immunomodulatory Drugs
Mai Magdy Hassanein Sayed, Mohammad Harb Semreen	Metabolomics Insights into Doxorubicin and 5-Fluorouracil Combination Therapy in Triple-Negative Breast Cancer: Xenograft Model Study
Leen AL Yaghshi, Mutasem Rawas-Qalaji	Disintegration Testing of Orally Disintegrating Tablets (ODT)
Manal Abbas, Rania Harati	Role of the exosomes in brain metastasis of triple negative breast cancer.
Alshaimaa Mohammed Ali Hamoda, Sameh Soliman	Metabolic switch of Rhizopus (the black) fungus during early air way infection supports the discovery of novel mucormycosis-related biomarkers
Fatima Maher Al-Daffaie, Mohammad Harb Semreen	Exploring The Impact of Two DNA Minor Groove Binders on HCT-116 Cells: A Comprehensive Multi-Omics Analysis Using Mass Spectrometry
Noor Alkalla, Amjad Alhalaweh	Recent advances in Drug Combinations for Oral Drug Delivery
Tala Walid Daoud, Nada Mohamed Abouarab, Aseel Walid Radi, Marwah Saeed Al-Mufti, Mohammad Alqudah	Latest Advances in Targeted Therapy for Lung Cancer
Omar Mohamad Hashem, Mohammed El-Gamal	Benzofuran and Benzothioephene derivatives as potential Anti-urease candidates targeting Helicobacter pylori
Alaa Al Jayoush, Dana Alkhamach, Mohamed Haider	Cancer Management Redefined: A Glimpse into the Future of Medical Nanorobots
Mugtaba Fageeri, Osamah Taher, Abdullatif Al-Sabbagh, Mohammad Alqudah	Recent Advanced Treatment of Prostate Cancer
Kholoud Y. I. Abushawish, Mohammad Harb Semreen	Multi-Omics Analysis Revealed a Significant Alteration of Critical Metabolic Pathways Due to Sorafenib-Resistance in Hep3B Cell Lines
Manar Samir Debe, Mutasem Rawas Qalaji	Nasal Versus Sublingual Routes for Emergency Drug Administration
Ruba Amjad Zenati, Mohammad Harb Semreen	Untargeted Multi-Omics of LNCaP Cell-line Treated with Novel DNA Minor Groove Binder and /or Doxorubicin Using Mass-Spectrometry
Nadin H.Sarg, Dana M.Zaher, Maha Saber, Martin Michaelis, Hany Omar	Targeting p38 gamma MAPK in resistant colorectal cancer: the impact of glycolysis inhibition

# AI Scientific Program

## Day 1: Monday, 5 February 2024 University of Sharjah, Main Campus

9:00 - 10:00 am - Welcoming and Registration AI Razi Hall M24

10:00 - 11:00 am - Opening Ceremony AI Razi Hall M24

**Theme: The use of AI and Deep Learning applications to Healthcare**

### Session A:

- Prof. Rifat Hamoudi, University of Sharjah (Chair)

Time	Title	Speaker	Venue
11:00 - 11:20 am	AI for Digital Health at S2C	Abbes Amira	College of Medicine M27- 044
11:20 - 11:40 am	Inventive Emotion Recognition using AI	Fatih Kurugollu	
11:40 - 12:00 pm	The use of Explainable AI in understanding Diabetic Retinopathy	Ahmed Bouridane	
12:00 - 12:20 pm	DNA-based nano networks	Stefan Fischer	
BREAK - 12.20 - 12.40 pm			

### Session B:

- Dr. Stefan Fischer, University of Lübeck (Chair)

Time	Title	Speaker	Venue
12:40 - 1:00 pm	The use of Artificial Intelligence and Deep Learning for the identification of diagnostic biomarkers for Lymphomas using OMICs and digital pathology	Rifat Hamoudi	College of Medicine M27- 044
1:00 - 1:20 pm	Uses of AI in the molecular stratification of Cancer	Hauke Busch	
1:20 - 1:40 pm	The use of Quantum Computing and AI in solving the DNA alignment problem	Raouf Dridi	
LUNCH 2:00 - 3:00 pm Cafeteria Medical Campus			

### Session C:

- Prof. Hauke Busch, University of Lübeck (Chair)

Time	Title	Speaker	Venue
3:00 - 3:20 pm	The use of advanced Bioinformatics and Artificial Intelligence in identifying non-invasive biomarkers for major depressive disorders	Rifat Hamoudi	College of Medicine M27- 044
3:20 - 3:40 pm	Secure Outsourced Computation for Medical Application	Thomas Eisenbarth	
3:40 - 4:00 pm	Predicting the onset of Cardio-vascular disease using AI and digital signal processing from wearable device	Rifat Hamoudi	
4:00 - 4:20 pm	Multispectral texture feature for automatic diagnostic of colorectal tumours using Artificial Intelligence	Ahmed Bouridane	
FINAL REMARKS			
Social Program 4:30 - 8:30 pm			

## Day 2: Tuesday, 6 February 2024 University of Sharjah (Al Dhaid Campus)

**Theme: Diagnostic and Prognostic biomarker discovery using AI and DL in feature extraction from Imaging and Molecular data**

Time	Title	Venue
8:00 am	Bus Pickup from Medical Campus to go to Al Dhaid	UOS Al Dhaid
10:00 am – 12:00 pm	Workshop on the use of Artificial Intelligence and Deep Learning for the diagnosis and prognostic biomarker discovery from Imaging and Molecular data	
12:00 – 5:00 pm	Lunch and sightseeing tour	
Return to UOS Main Campus 5:00 pm		

