

Monday, March 28th, 2022

Registration and Opening Ceremony

Venue: Conference Hall

09:00

Registration

09:30

Opening Speeches

10:00 -12:00 *Plenary Session*

Conference Hall

10:00

Welcome Speeches

Chair Committee:

Assistant Professor Dr. Ameena S. M. Juma

Dr. Ali M. Hussein

10:45

Antivirals for Emerging Viruses

Keynote Speaker I:

Professor Dr. Krzysztof Pyrc

Virologist

Malopolska Centre of Biotechnology

Jagiellonian University, Krakow/Poland

11:15

Antiviral Drug Strategies Against SARS-CoV-2

Keynote Speaker II:

Professor Dr. Hussin Alwan Rothan

Virologist

Pfizer Company, USA

11:45 – 12:00 *Coffee Break*

12:00-14:10

Track: Microbiology and Biotechnology

Session 1: 12:00 – 14:10 March 28th, 2022

Venue: Conference Hall

Chair Committee:

Assistant Professor Dr. Ayad Hazim Hasan

Dr. Ahmed Salim Mahal

12:00

Whole Transcriptomic Analysis of Endothelial Subsets: A New Paradigm in Sepsis Research

Keynote Speaker III:

Associate Professor Dr. Milladur Rahman

Vascular Biologist and Immunologist

Lund University, Sweden

12:30

Quantification of Plasmid Isolated Resistant *Pseudomonas aeruginosa* Present in Heavy Metal Soil as Biomarkers

Nadia M. T. Jebriil

12:40

In-Vitro Screening of *Clostridium histolyticum* Collagenase and *Bacillus polymyxa* Metalloprotease Inhibitory Activities in Ninety-Five Medicinal Plant Extracts

Bhimrao V. Jaiwall, Ajit B. Patil, Sarwan W. Bradosty, Faiyaz K. Shaikh, Manohar V. Padul

12:50

Surveillance of Urine Cultures and Evaluation Gram Negative Uropathogens; Five Year Data from Erbil

Mohammed Sadeq SALEH, Hevi Seerwan Ghafour, Tayfur Demiray, Mustafa Altindis

13:00 – 13:20

Coffee Break

13:20

The Cumulative Effects of Native Isolate of Entomopathogenic Fungus *Beauveria bassiana* on the Developmental Stages of *Culex* Mosquitoes

Badia'a Mahmoud Al-Chalabi and Nawar Taher

13:30

Psychological Issues Encountered by People During COVID-19 Pandemic

Ameena S. M. Juma, Shakir M. Al-Awqati, Hasanen A. Al-Taiar

13:40

Plasmid Profiling, Genetic Site determination of Antibiotic Resistance gene of *Pseudomonas aeruginosa* isolated from Burned Patients

Mustafa D. Younus, Zirak Fage Ahmed Abdulrahman, Omar F. Bahjat, Noor Lutphy Ali, Sirwan A. Rashid, Anas Saadeh Alkhouri

13:50 – 14:10

Discussions

12:00-14:10

Track: Biological and Medical Sciences

Session 2: 12:00 – 14:10 March 28th, 2022

Venue: VIP Hall (Building #4)

Chair Committee:

Assistant Professor Dr. Najat Barwary

Assistant Professor Dr. Maysara S. Khalaf

12:00

Women's Health and Iron Deficiency Anemia

Keynote Speaker IV:

Professor Dr. Rezan A. Abdul Kadir

Consultant Obstetrician and Gynecologist

University College London, UK

12:30

Correlation among PR, ER, PRL, CA15-3, CEA, LDH, AND β 2-M IN Normal and Breast Cancer Women in Erbil-Kurdistan Region-Iraq

Mohammed Sharif H. Sulaiman, Sevan Omer Majed and Fairuz Abdulla Kakasur

12:40

FTIR Spectrum Analysis and Antimicrobial Activity of Roots and Leaves Extracts of Five Indian Medicinal Plants

Wajed A. Khan, Faiyaz K. Shaikh, Sarwan W. Bradosty

12:50

Serum Fibroblast Growth Factors 23(FGF23), Chemerin and Vitamin D Levels in Patients with Psoriasis

Entedhar R. Sarhat, Shatha Nasih Tawfeeq, Moayad MY. Al Anzy

13:00 – 13:20

Coffee Break

13:20

Study of Combination of Metformin and Pregabalin on HbA1c and DASS21in Diabetic Patients Suffering from Anxiety

Mohammed Y. Merza

13:30

Evaluation of Renal Toxicity in Male Albino Rats *Rattus rattus* After Silver Nanoparticles Exposure

Manar M. H. AL-Murshidi

13:40

Serum Glycated LDL Levels in Non-Diabetic Subjects and Type-2 Diabetic Patients as an Atherogenic Stimulant

Abdul-Rahman Abdulateef AL-Bazzaz, Omar Abdul Wahid AL- Ani and Mohammed Qahtan Kanaan

13:50 – 14:10

Discussions

12:00-14:10

Track: Microbiology and Biotechnology

Session 3: 12:00 – 14:10 March 28th, 2022

Venue: Hall 401 (Building #4)

Chair Committee:

Assistant Professor Dr. Nadia Mahmoud T.

Assistant Professor Mohd A. Thoker

12:00

Shiga Toxin B Subunit as a Targeting Moiety for Intracellular Drug Delivery

Keynote Speaker V:

Professor Dr. Abdulkarim Yasin Karim

Biotechnologist

Salahaddin University-Erbil, Kurdistan Region/Iraq

Jagiellonian University, Krakow/Poland

12:30

Targeting Peroxisomal Transport in *Trypanosoma*

Abdulkarim Karim and Grzegorz Dubin

12:40

Microbiological Survey of Ear Infections in Inhabitants of Erbil City

Ameena S. M. Juma, Treska Dh. Kamil, Muhsin H.U.Alghezzi, Zahraa B.Mohammed, Sara S. Saleem, Sama.M. Hussein, Solav. K Saifeen, and Aya. A. Sabry

12:50

Interleukin-10 Levels in Relation to COVID-19 Vaccine

Ameena S. M. Juma, Muhsin H. Ubeid, Tanya S. Salih, Ahmed Gailan Malek Salih, Reman Jalal Ahmad Sharif, Osama Badraden Muhamad Hamasalih, Rezan Yasin Mahmud Mustafa, Warvan Wasman Muhammedfaqe Osman

13:00 – 13:20

Coffee Break

13:20

Cytokine Profile as a Prognostic Parameter in Burn Patients

Ameena S. M. Juma, Muhsin H. Ubeid, Tanya S. Salih, Mustafa D. Younus, Chra Nariman Jabar, Reem Bassam Sameer, Shwan Sarbast Husei, Hijra Muhammed Abdullatif, Hunar Muhammed Ali, Sipan Hiwa Jawhar, Zwber Satar Aziz, Sebar Muhammed Salih, Mahmood Nawzad Braim, Gulizar Muhammed Taboor, Iman Hatam Saber, Noor Imad Ismael, Madina Sdeeq Latef, Srsht Khalid Mohammed, Sara Jamal Jalal, Shayma Hussein Tahr, Gulan Asaad Rauof, Srwa Subhi Jasem, Rezheen Hama Salih Mohammedameen, Tolaz Chapuk Qader, Dalya Bahram Muhammed Omer, Ashna Fadhil Rasul, Amenah Jamal Shaiban, Mustafa Khalid Atallah, Athraa Ali Mutashar, Alla Issam Abdalkhaliq, Shan Najib Abdullah, Soma Sardar Khadir

13:30

Neurological Symptoms of Corona Virus Disease

Mohanad A. Ali, Khair Aldeen M. Sulaiman and Mayssoon Al-Haideri, Mohd Ashraf Thoker

13:40

Interferon Gamma Levels in Relation to COVID-19 Vaccine

Tanya S. Salih, Ameena S. M. Juma, Muhsin H. Ubeid, Shams M. Saadon, Lusya L. Yousif, Saz F. Hassan, Krestin P. Azeez, Maryana Y. Bakoss, Lailan N. Ismael, Sara R. Omer

13:50 – 14:10

Discussions

14:15 – 15:15

International Workshop:

Case Based Revolutionary Approach (Integrative) of Assessing Diet, Lifestyle, Functional Testing Leading to Non-Pharmaceutical Treatment Approach

Dr. Firas Al-Ali

MBChB, FRACGP, FACNEM

Melbourne, Australia

Venue: Conference Hall

15:15

Lunch

Tuesday, 29th March, 2022

09:0-11:50

Track: Microbiology and Biotechnology

Session 1: 09:00 – 11:50, March 29th, 2022 Venue: Conference Hall

Chair Committee:

Assistant Professor. Dr. Hamza M. A. Al-Rawi

Dr. Abdulsalam A. Matlob

09:00

Identification of Pharyngitis Bacteria in Patients with Sore Throat Features in Rizgary Teaching Hospital and Overuse of Antibiotics

Noor Lutphy Ali

09:10

Nrf2 Activator (DMF) Ameliorated Oxidative Stress and Inflammation During *H. pylori* Infection

Saif M. Hassan, Najah R. Hadi, Bassim I Mohammed, and Mahmood J. Jawad

09:20

Interleukin-6 Levels in Relation to COVID-19 Vaccine

Muhsin H. Ubeid, Tanya S. Salih, Ameena S. M. Juma, Kamgar A. Rasul, Muna H. Zakarya, Swlala F. Jawher, and Ahmed B. Salem

09:30

Proteinase Inhibitors of Pigeonpea cv. BSMR 736: Characterization and Bioefficacy Against *Helicoverpa armigera*

Faiyaz K. Shaikh, Sarwan W. Bradosty, Prafull P. Gadge, Bhimrao V. Jaiwal, Manohar V. Padul, Ajit B. Patil

09:40

Determination of Antioxidant Property, Total Phenolics Content, and α -Glucosidase Inhibitory Activity of Different Solvent Extracts of Defatted and Non-Defatted Peanut Skins

Alkasim Kabiru Yunusa

09:50 – 10:10

Coffee Break

10:10

Recovery of COVID-19 Patient with a Complicated Diabetic Lung Abscess in Hypertensive and Smoker Old Man from Najran of KSA

Mohammed Al-Noaemi, Ali Swedan, Hadi Al Sulayyim, Asmaa Hammoodi

- 10:20 **Identification Biofilm Producers *Staphylococcus aureus* Isolates and Detect Their Biofilm Genes from Gingivitis Cases**
Sirwan A. Rashid, Sawsan Muhammed Sorchee, Mustafa D. Yonus, and Omar F. Bahjat.
- 10:30 **Antimicrobial Activity of *Syzigium aromaticum* (Clove) and *Salvadora persica* (Miswak) Against Dental Plague Pathogens**
Suhayla H. Shareef, Chiman H. Saeed, Pshtiwan D. Majeed
- 10:40 **Prevalence of *Helicobacter pylori* Infections in Cigarette and Nargileh Smoking Males**
Chiman Hameed Saeed, Suhayla Hamad Shareef, Pshtiwan Dhahir Majeed
- 10:50 **Application of Body Condition Scorings to Effective Detection of African Trypanosomiasis in Camels and Cattle**
Sarwan W. Bradosty, Ahmad K. Maigari, Nasir T. Dabo and Salisu Ibrahim
- 11:00 **Role of Nrf2 Activator in Ameliorated TLRs Expression in Cerebral Ischemia Reperfusion**
Najah R. Hadi, Saif M. Hassan and Bassim I Mohammed
- 11:10 **Differences Among Intensity-Modulated Radiation Therapy and 3d-Conformal Radiation Therapy Plans for Patients with Brain Cancer**
Noor Sami Omar, Runak Tahir Ali
- 11:20 **Psycho-behavioral and Socio-economic Characteristics of Juvenile Delinquency in Wasit Province at 2016 to 2020**
Zena Al-hussari, Mahdi Hamood

11:30 – 11:50

09:00-11:50

Discussions

Track: Food, Nutrition and Public Health

Session 2: 09:00- 11:50, March 29th, 2022

Venue: VIP Hall (Building #4)

Chair Committee:

Professor Dr. Hawin Tofiq Hassan

Dr. Anas S. Alkhouri

- 09:00 **Development and Validation of NLRP3 Immunochromatography Assay as an Indicator for Inflammation and Bad Seminal Quality**
Nuha A. Younis, Haider F. Ghazi, Ula A. AL-Kawaz
- 09:10 **Caffeine Level from Coffee, Tea Leaves, Carbonated Drinks and Energy Drinks**
Omar F. Bahjat, Mustafa D. Younus, Noor Lutphy Ali, Sirwan A. Rashid
- 09:20 **Sequential Extractions of Secondary Metabolites Displaying Amylase Inhibitory Activity from Nutmeg (*Myristica fragrans*) mace**
Ashok A. Shinde, Faiyaz K. Shaikh, Sarwan W. Bradosty
- 09:30 **Vitamin D3 Deficiency Among Females in Erbil City**
Qais Abdullah Nogaim, Raghad Abdulsattar, Yusra Mohammad, Noor Mamoon And Aween Haider
- 09:40 **Assessment of Antioxidant and Phenolics Content of Various Drying Techniques of (*Hibiscus sabdariffa roselle L.*) Calyx UKMR-1**
Abubakar "A. Lema, Mahmoud D. Abdulrahman, Nor H. Mahmud, Moneruzzaman M. Khandaker, and Sarwan W. Bradosty
- 09:50 - 10:10** *Coffee Break*
- 10:10 **The Efficacy of Probiotic Supplements Consumption on Glucose Level, Lipid Profile, Inflammation Biomarkers and Anthropometric Measurements Changes Among Type 2 Diabetes Patients**
Louay Labban
- 10:20 **Air Pollution During the Strategy of COVID-19 Lockdown in Iraq**
Nadia M.T. Jebri, Kawther M. Obaid, Marwa R. Ali, Zahraa A. Muhsin, Zahraa A. Halim
- 10:30 **Green Synthesis of Gold Nanoparticles Using Zingiber Officinale Rhizomes Aqueous Extract and its Gastroprotective Activity against Ethanol-Produced Stomach Ulcer in Rodents**
Mahmood Ameen Abdulla

- 10:40 **Evaluating the Effect of Some Nutritional Supplements on the Health Status of Athletes**
Karkaz M. Thalij, Athraa S. Wais, Eesa M. Thalij
- 10:50 **Parasitic Fauna of Some Amphibians (Anura: Ranidae, Bufonidae) From Erbil City, Kurdistan Region, Iraq**
Qaraman M.K. Koyee¹, Chreska N. Ahmed², Zhwan O. Kanabe³, Sarween Y. Sabir⁴,
Lana O. Kanabe⁵, Shamall M.A. Abdullah⁶
- 11:00 **Challenges of Thromboprophylaxis in Pregnancy: A 12 Months Audit and a Review of the Literature**
Molly Musarara, Maysoon Al-Haideri, Rezan Abdul-Kadir, Anja Drebes
- 11:10 **Effect of *Hypericum perforatum* on Gastric Ulcer in Rat**
Ali M.Hussein, Nadir Nanakali and Mohammed M.Hussein
- 11:20 – 11:50 ***Discussions***

Tuesday, 29th March, 2022

09:00-11:50

Track: Biological and Medical Sciences

Session 3: 09:00 – 11:50, 29th March, 2022

Venue: Hall 401 (Building #4)

Chair Committee:

Professor Dr. Hazha Jamal Hidayat

Dr. Mustafa Fadil Abbas

- 09:00 **Social Competence, a Predictor of Academic Achievement; a Comparative Study of Pre-Clinical Students in State Owned and Private Medical Schools**
Shemaila Saleem, Tamkeen Saleem and Mohd Ashraf Thoker
- 09:10 **Antibacterial Biological Evaluation of *Boswellia dalzielii* Hutch, *Carica papaya* L., and *Parkia biglobosa* Jacq**

Muhammad Usman, Yahaya Usman Saber W. Hamad, Harmand A. Hama and Mahmoud Dogara Abdulrahman

- 09:20 **Inspection of Parvovirus B19 in Patients with Beta Thalassemia Major**
Ahmed H. Mohammed, Hamed K. Fannos and Safaa A. Mouhsen
- 09:30 **The Essential Pheromonal Elements of the Mouse Preputial Gland in Castrated Treated Subjects**
Merza Hamza Homady
- 09:40 **Comparative Approach to Shoulder Rehabilitation in cases of Adhesive Capsulitis: Comparing the Efficacy of Therapeutic Ultrasound with Codman's Exercise & Codman's Exercise Alone In improving Shoulder Movements**
Vivek Swaroop, Mohd Ashraf Thoker
- 09:50 – 10:10** *Coffee Break*
- 10:10 **Hepatoprotective Effect of *Typhonium flagelliforme* Against Thioacetamide Produced Liver Cirrhosis in Rats**
Lailan Nadhim Ismael, Suhayla Hamad Shareef
- 10:20 **Serum Creatinine and Uric Acid Levels in Adult Male Smokers Versus Nonsmokers**
Noran Jameel Ibraheem, Ghadeer Hamid AL-Ardhi
- 10:30 **Antimicrobial and Cytotoxic Effect of *Cymbopogon Citratus* (lemongrass) on Some Cell Lines**
Zainab Yaseen Mohammed Hasan, Mohammad Mahmoud Farhan Al-Halbosiy, Raghad K. Al-Lihaibi, Ebtahal H. Al-Nauimi
- 10:40 **Multilevel Factorial Design for Removing Lead from Used Lubricating Oil by Zeolite Na-A**
Abdulsalam A. Matlob
- 10:50 **A Comparison of Chemical Compounds Between Anti-Diabetic Drug and Some Medicinal Plants**
Ali M.Hussein, Rayan S. Salahalddin, Zhala B. Taha , Hawri A. Majeed
- 11:00 **Effect of Phytoestrogen (Genistein) on Histology of Uterine Lining of Adult and Post-Natal Female Albino Mice**
Zozan Abdullah Ibrahim and Intissar Numman Waheed
- 11:10 **Assessment of the Effectiveness of Different Brands of Artemisinin– Based Combination Therapy Among Patients with Uncomplicated Falciparum Malaria**

Ahmad K. Maigari, Rufa'i Aliyu, Nasir T. Dabo, Habibu, A. and Sarwan W. Bradosty

11:20 – 11:50

Discussion

12:00 – 13:00

International Workshop:

Various in vitro Models for Diabetes Treatment

Dr. Anna Czarna

Assistant Professor, Project Leader,

Malopolska Centre of Biotechnology

Jagiellonian University, Krakow/Poland

Venue: Conference Hall

13:15 – 14:45

Closing Ceremony

Venue: Conference Hall

15:00

Lunch