



**2<sup>nd</sup> Scientific Conference of the  
College of Health Sciences (2SCHSC)  
Hawler Medical University  
“With Knowledge We Rise”  
7 – 8 Oct 2023**

**AGENDA OF THE CONFERENCE**



Sponsors



| <b>First Day, 7<sup>th</sup> Oct 2023</b> |                         |
|---|-------------------------|
| <b>08:00 – 09:00</b>                      | <b>Registration</b>     |
| <b>09:00 – 10:00</b>                      | <b>Opening Ceremony</b> |
| <b>10:00 – 10:30</b>                      | <b>Coffee Break</b>     |

| <b>Day 1: 1<sup>st</sup> Session: Keynotes 10:30 am – 12:30 pm</b>   |   |   |
|--|---|---|
| <b>Moderators: Prof. Dr. Ali Salih Hussein, Prof. Dr. Kafia Mawlood Shareef and Assist. Prof. Dr. Dler Qader Gallaly</b> |   |   |
| Time   | Keynote Title   | Presenter   |
| 10:30-10:45  | <b>Serum ferritin: from a surrogate marker of iron storage through a marker of inflammatory diseases to one of the interesting consequences of COVID-19</b><br><i>Husham Yousuf Bayazed</i> | <b>Prof Dr. Husham Yousuf Bayazed</b><br>College of Medicine<br>University of Zakho- Iraq               |
| 10:45-11:00  | <b>Exploring the Power Within: Unlocking the Secrets of Gut Health and the Microbiota</b><br><i>Sherzad Ali Ismael</i>  | <b>Prof. Dr. Sherzad Ali Ismael</b><br>Kurdistan Board of Medical Specialties                           |
| 11:00-11:15  | <b>Whole genome sequencing and emerging variants of SARS-Cov2 in Duhok During the Covid-19 pandemic</b><br><i>Jassim Mohammed Abdo</i>  | <b>Assist. Prof. Dr. Jassim Mohammed</b><br>College of Pharmacy<br>University of Duhok                  |
| 11:15-11:30  | <b>Tackling diabetes</b><br><i>Yousif Baha'addin Ahmed</i>  | <b>Assist. Prof. Dr. Yousif Baha'addin</b><br>College of Medicine<br>Hawler Medical University          |
| 11:30-11:45  | <b>Colon Cancer Risk factor, Diagnosis, and Cases Presentation</b><br><i>Tavga Hushair Dizaye</i>   | <b>Assist. Prof. Dr. Tavga Hushair Dizaye</b><br>College of Health Science<br>Hawler Medical University |
| 11:45-12:00  | <b>Transparency of COVID-19-related research: A meta-research study</b><br>(Video presentation)<br><i>Ahmad Sofi-Mahmudi, EeroRaittio, Sergio E. Uribe</i>                                  | <b>Dr. Ahmad Sofi-Mahmudi</b><br>McMaster University, Hamilton<br>Ontario, Canada                       |
| 12:00-12:15  | <b>Fairness in Financial Contribution for Health</b><br><i>Pardis Mohammadzadeh, Bakhtiar Piroozi</i>   | <b>Pardis Mohammadzadeh</b><br>Kurdistan University of Medical<br>Sciences, Sanandaj, Iran              |
| 12:15-12:30  | <b>Questions &amp; Discussion</b>   |   |
| 12:30-01:30  | <b>Lunch Break</b>  |   |

**Day 1: 2<sup>nd</sup> Session: Medical Microbiology 01:30 pm – 04:00 pm**

**Moderators: Prof. Dr Muhsin Ayoub Essa, Prof. Dr. Hiyam Adil Altaï and  
Assist. Prof. Dr. Jassim Mohammed Abdo**

| Time        | Title/Author (s)   | Presenter   |
|-------------|--|---|
| 01:30-01:40 | <b>Isolation and Antimicrobial Susceptibility Test of <i>Proteus mirabilis</i> in Urinary Tract Infections by Utilizing Vitek2 System in Duhok City- Iraq</b><br><i>Bland Husamuldeen, Nada Ahmed, Shameeran Salman</i>  | <b>Assist. Prof. Dr. Bland Husamuldeen</b><br>College of Health Science<br>University of Duhok, KRG, Iraq                     |
| 01:40-01:50 | <b>Resistant properties among hypervirulent and classical type <i>Klebsiella pneumoniae</i> from clinical isolates in Erbil City</b><br><i>Sima A. Zuber, Aryan R. Ganjo</i>   | <b>Assist. Prof. Dr. Aryan R. Ganjo</b><br>College of Pharmacy<br>Hawler Medical University, KRG, Iraq                        |
| 01:50-02:00 | <b>A Novel Production of Multiple Phyto-Nanoparticles and Their Activity as Anti Head Lice and Its Overlapping Bacteria</b><br><i>Karwan Sallo Najm, Fouad Hussain, Shamall Mohammad Amin</i>  | <b>Assist. Prof. Dr. Karwan Sallo Najm</b><br>Salahaddin University, Erbil, Iraq<br>Erbil Polytechnic University, Erbil, Iraq |
| 02:00-02:10 | <b>Dietary Proanthocyanidins-rich Fraction from <i>Prunus domestica</i> Alter Redox Status and Improve Longevity in <i>Drosophila melanogaster</i> Model</b><br><i>Jaafaru S. Mohammed, Jibril H. Yusuf, Zainab K. Mohammed</i>                                | <b>Assist. Prof. Dr. Jaafaru Sani</b><br>Faculty of Applied Science<br>Tishk International University                         |
| 02:10-02:20 | <b>Antibacterial Effectiveness of Different Final Endodontics Irrigation Techniques</b><br><i>Bahar Jaafar Selivany, Bizhyan Mahdi Mustafa</i><br>(video presentation)   | <b>Prof. Dr. Bahar Jaafar Selivany</b><br>College of Dentistry<br>University of Duhok, KRG, Iraq                              |
| 02:20-02:30 | <b>Cryptosporidiosis among pre-school children in Duhok city, Kurdistan region, Iraq</b><br><i>Helan Saman Jameel</i>  | <b>Helan Saman Jameel</b><br>College of Health Sciences<br>University of Duhok, KRG, Iraq                                     |
| 02:30-02:40 | <b>The association between the <i>Helicobacter pylori</i> infection and the occurrence of gestational diabetes: a systematic review and meta-analysis</b><br><i>Parisa Kohnepoushi, Rozhin Mansouri, Hamid Reza Baradaran, Farhad Moradpour, Yousef Moradi</i> | <b>Parisa Kohnepoushi</b><br>Kurdistan University of Medical Sciences<br>Sanandaj- Iran                                       |
| 02:40-02:50 | <b>Toxic impacts of SARS-CoV-2 variants and anti-viral potential effects in hospitalized patients in Duhok province</b><br><i>Ghazwan Ahmed Mohammed Raouf and Fouad Qasim Mohammed</i>  | <b>Ghazwan Ahmed Mohammed</b><br>Department of Pharmacology and<br>Toxicology, University of Duhok, KRG, Iraq                 |
| 02:50-03:00 | <b>Difference between Local and International Guidelines for Reporting Antimicrobial Susceptibility Testing</b><br><i>Hallo Seraj Aldin Rashid</i>   | <b>Hallo Seraj Aldin Rashid</b><br>Head of Microbiology Department<br>Balsam Hospital, KRG, Iraq                              |
| 03:00-03:10 | <b>The Effect of Sub-MIC of <i>Salvadora persica</i> on Growth and Virulence Gene Expressions in <i>Streptococcus mutans</i></b><br><i>Ali Idris Jamal, Salah Tofik Jalal Balaky</i>   | <b>Mr. Ali Idris Jamal</b><br>-Hawler Medical University, KRG, Iraq<br>-Medya Diagnostic Center, KRG, Iraq                    |
| 03:10-03:20 | <b>Intestinal <i>Lactobacillus</i> species with Autoinducer-2</b><br><i>Roshna Najmaddin Hameed, Bushra Saeed Mustafa</i>  | <b>Roshna Najmaddin Hameed<br/>Bushra Saeed Mustafa</b><br>Harran University- Turkey  |
| 03:20-03:30 | <b>Impact the prevalence of <i>Mycobacterium tuberculosis</i> in Erbil city</b><br><i>Fattma Abodi Ali, Israa Khalil, Israa Yassin, Zainaba Muhammad</i>   | <b>Israa Khalil Salih</b><br>College of Health Sciences<br>Hawler Medical University, KRG, Iraq                               |

|             |   |   |
|-------------|---|---|
| 03:30-03:40 | <b>Molecular Characterization of Efflux Pump and Porin Related Genes in Multidrug Resistance <i>Klebsiella pneumoniae</i> Isolates Recovered from Erbil Hospitals</b><br><i>Zainab Sherzad Ahmed, Ahang Hasan Mawlood</i> | <b>Zainab Sherzad Ahmed</b><br>College of Health Sciences<br>Hawler Medical University, KRG, Iraq |
| 03:40-03:50 | <b>Biosynthesis of Gold Nanoparticles with Four Different <i>Lactobacillus</i> species</b><br><i>Sara Bahram Miran, Fattma Abodi Ali</i>  | <b>Sara Bahram Miran</b><br>Faculty of Dentistry<br>Tishk International University                |
| 03:50-04:00 | <b>Questions &amp; Discussion</b>   |   |
| 04:00-04:30 | <b>Coffee Break</b>   |   |

**Day 1: 3<sup>rd</sup> Session: Biochemistry 04:30 pm – 06:00 pm**

**Moderators: Prof. Dr. Fattma Abodi Ali and Assist. Prof. Dr. Sewgil Saaduldeen Anwer**

| Time        | Title/Author (s)  | Presenter   |
|-------------|---|---|
| 04:30-04:40 | <b>Spermatoc Oxidative DNA damage level in infertile patients with and without varicocele</b><br><i>Hishyar Azo, Ghazwan Fawzi, Abdulghafoor Sulaiman, Ahmed Tahir</i>  | <b>Assist. Prof. Dr. Hishyar Azo Najeeb</b><br>College of Medicine<br>Duhok University, KRG, Iraq                   |
| 04:40-04:50 | <b>Usefulness of a combination of blood tests in critically ill burn patients</b><br><i>Dereen M. Najat, Shaxawan Omer</i>  | <b>Assist. Prof. Dr. Dereen M. Najat</b><br>School of Science<br>Sulaimani University, KRG, Iraq                    |
| 04:50-05:00 | <b>RAC1 Inhibition Attenuates Platelet Chemokine Activation in Diabetes Mellitus</b><br><i>Rundk Hwaiz, Helen Jawdat</i>  | <b>Assist. Prof. Dr. Rundk Hwaiz</b><br>College of Health Sciences<br>Hawler Medical University, KRG, Iraq          |
| 05:00-05:10 | <b>Association of Glycated Hemoglobin A1C Levels with Severity of Diabetic Foot Ulcer and Bacterial Profile</b><br><i>Jwan Ibrahim Jawzali, Muhammad Nuraddin, Dalia Dler, Darya yousif</i>   | <b>Assist. Prof. Dr. Jwan Ibrahim Jawzali</b><br>College of Health Sciences<br>Hawler Medical University, KRG, Iraq |
| 05:10-05:20 | <b>Competence Kinetic and Thermodynamic Studies Between Natural Bio-Adsorbent Green Microalgae and Synthetic Adsorbent Magnetic Nanoparticles for Copper (II) Ion in Water</b><br><i>Shireen Ibrahim, Sewgil Saaduldeen, Kwestan Hassan, Parween Mohsin</i> | <b>Assist. Prof. Dr. Shireen Ibrahim</b><br>College of Health Sciences<br>Hawler Medical University, KRG, Iraq      |
| 05:20-05:30 | <b>Targeting of the receptor for advanced glycation end products regulates tissue damage in acute pancreatitis</b><br><i>Mohammed Yousif Merza</i>  | <b>Assist. Prof. Dr. Mohammed Yousif</b><br>College of Pharmacy<br>Hawler Medical University, KRG, Iraq             |
| 05:30-05:40 | <b>Estimation of the relationship of K and Na salivary and the degree of salivation modification rate with dental caries in hookah smoker</b><br><i>Bafreen Raza, Aram Salahuddin, Hala Al-zahawi</i>   | <b>Dr. Aram Salahuddin Abdulkareem</b><br>Scientific Researcher   |
| 05:40-05:50 | <b>Expression Levels in Various Cell Lines and Cancer Cells</b><br><i>Ayshan Rafat Yassin, Bakhtiyar Shwan Azeez</i>  | <b>Dr. Ayshan Rafat Yassin</b><br>College of Health Sciences<br>Hawler Medical University, KRG, Iraq                |
| 05:50-06:00 | <b>Questions &amp; Discussion</b>   |   |

**End of the First Day**

## Second Day, 8th Oct 2023

**Day 2: 4<sup>th</sup> Session: Public Health 09:00 am – 10:40 am**

**Moderators: Prof. Dr. Nazar P. Shabila, Prof. Dr. Abubakir M. Saleh and  
Assist. Prof. Dr Sherzad A. Shabu**

| Time        | Title/Author (s)  | Presenter  |
|-------------|---|--|
| 09:00-09:10 | <b>Road Traffic Accidents and Associated Risk Factors in Erbil, Iraq: Retrospective (2017-2019) Households Based Study</b><br><i>Kameran Hassan, Hayman Mohammed</i>  | <b>Prof. Dr Kameran Hassan Ismail</b><br>College of Medicine<br>Hawler Medical University, KRG, Iraq     |
| 09:10-09:20 | <b>Evaluate the Obligation of Health Workers about Infection Control Rules in Some Basrah Hospitals</b><br><i>Abdulameer Abdullah Al-Musawi, Zainab Alag Hasan</i>  | <b>Prof. Dr. Abdulameer A. Almusawi</b><br>College of Nursing<br>University of Basrah, Iraq              |
| 09:20-09:30 | <b>Programs effectiveness in educating pregnant women techniques for sustaining a healthy during covid 19 in Kirkuk city</b><br><i>Rabab Hamoudy Hanoon</i>   | <b>Dr. Rabab Hamoudy Hanoon</b><br>College of Nursing<br>University of Kirkuk, Iraq                      |
| 09:30-09:40 | <b>Uncovering socioeconomic inequality in poor mental health: decomposition analysis of the Kurdish adult population</b><br><i>Farhad Moradpour, Yousef Moradi, Azad Shokri, Ghobad Moradi</i>  | <b>Assist. Prof. Dr. Farhad Moradpour</b><br>Kurdistan University of Medical Sciences,<br>Sanandaj, Iran |
| 09:40-09:50 | <b>Knowledge and Practices Regarding Naturally Reversing Type 2 Diabetic Among Patients Attending to Layla Qassim Health Care Center in Erbil City</b><br><i>Kareem Fattah Aziz</i>   | <b>Prof. Dr. Kareem Fattah Aziz</b><br>College of Nursing<br>Hawler Medical University, KRG, Iraq        |
| 09:50-10:00 | <b>Socioeconomic inequalities in metabolic syndrome and its components across a sample of Iranian Kurdish adults</b><br><i>Ghobad Moradi, Pardis Mohammadzadeh, Farhad Moradpour, Bijan Nouri, Farideh Mostafavi, Farid Najafi</i>                                    | <b>Prof. Dr. Ghobad Moradi</b><br>Kurdistan University of Medical Sciences,<br>Sanandaj, Iran            |
| 10:00-10:10 | <b>Situation analysis of General Practitioners with forecasting approach to 2025 through multi-state markov analysis</b><br><i>Azad Shokri and Somaieh Shokri</i>   | <b>Assist. Prof. Dr. Azad Shokri</b><br>Kurdistan University of Medical Sciences,<br>Sanandaj, Iran      |
| 10:10-10:20 | <b>Temporal change in cold and heat-related burden of mortality; An evidence of increasing heat impact in Iran</b><br><i>Omid Aboubakri, Reza Rezaee, Afshin Maleki, Mahdi Safari, Gholamreza Goudarzi, Guoxing Li, Mohammad Sadegh Hassanvand, Rahim Sharafkhani</i> | <b>Assist. Prof. Dr. Omid Aboubakri</b><br>Kurdistan University of Medical Sciences,<br>Sanandaj, Iran   |
| 10:20-10:30 | <b>The Survival rate of breast cancer and its related factors in an Iranian population: comparison of random survival forest and Cox regression, A population-based cohort study (2017-2022)</b><br><i>Maryam Afraie, Bijan Nouri, Hassan Moayeri, Abbas Aghaei</i>   | <b>Assist. Prof. Dr. Abbas Aghaei</b><br>Kurdistan University of Medical Sciences,<br>Sanandaj, Iran     |
| 10:30-10:40 | <b>Questions &amp; Discussion</b>   |  |
| 10:40-11:00 | <b>Coffee Break</b>   |  |

**Day 2: 5<sup>th</sup> Session: Public Health 11:00 am – 12:30 pm**

**Moderators: Prof. Dr. Raad Abdulghany Alsanjary, Assist. Prof. Dr. Jwan Ibrahim and Assist. Prof. Dr. Shireen Ibrahim**

| Time        | Title/Author (s)  | Presenter   |
|-------------|---|---|
| 11:00-11:10 | <b>Kurdistan Health professionals' attitude regarding role of social media and messaging apps on public health awareness and promotion</b><br><i>Khurshid Abubakir Khrwatany, Hamdia Mirkhan Ahmed</i>  | <b>Assist. Prof. Dr. Khurshid Khrwatany</b><br>College of Dentistry<br>Hawler Medical University, KRG, Iraq |
| 11:10-11:20 | <b>Community nursing system under Iraqi Kurdistan healthcare system: What are the concerns on assisting pregnant women during Covid-19 Pandemic?</b><br><i>Aveen Fattah Hajimam, Azheen Omar Abdwlla</i>  | <b>Dr. Aveen Fattah Hajimam</b><br>Gasha Technical Institute, KRG, Iraq                                     |
| 11:20-11:30 | <b>The Relationship Between Blood Groups and Gestational Diabetes: A Case-Control Study</b><br><i>Fariba Jafari Barani, Mehdi Zokaei, Abbas Aghaei</i>  | <b>Assist. Prof. Dr. Abbas Aghaei</b><br>Kurdistan University of Medical Sciences,<br>Sanandaj, Iran        |
| 11:30-11:40 | <b>Factors Associated with Cigarette and Waterpipe Smoking among Coffeeshop Attendees in Erbil City, Kurdistan Region, Iraq</b><br><i>Hayman Mohammed Saeed, Kareem Jamal, Namir Ghanim Al-Tawil</i>  | <b>Dr. Hayman Mohammed Saeed</b><br>Al-Qalam University College<br>Kirkuk, Iraq                             |
| 11:40-11:50 | <b>Epidemiological Analysis of Childhood Brucellosis: A Retrospective observational Study from 2018-2021</b><br><i>Teroj Abdulrahman Mohammed</i>   | <b>Assist. Lec. Dr. Teroj A. Mohammed</b><br>College of Dentistry<br>University of Duhok, KRG, Iraq         |
| 11:50-12:00 | <b>Investigating Association between Obesity and Risk of Ovarian Cancer: An Updated Systematic Review and Meta-Analysis</b><br><i>Asra Moradkhani, Mobin Azami, Srwa Assadi, Maryam Afraie, Sina Fattahi, Sorour Khateri, Farhad Moradpour, Yousef Moradi</i> | <b>Mobin Azami</b><br>Kurdistan University of Medical Sciences,<br>Sanandaj, Iran                           |
| 12:00-12:10 | <b>The prevention of cancer risk factors can be a source of income for the KRG and opportunity for the new graduated students</b><br><i>Himat Hezballa Jasim, Rundk Ahmed Hwaiz</i>   | <b>Himat Hezballa Jasim</b><br>College of Health Sciences<br>Hawler Medical University, KRG, Iraq           |
| 12:10-12:20 | <b>Frequency distribution patterns of some human traits in the Kurdistan region's population: A survey</b><br><i>Radwan Rushdi Mohammed, Barzan Muhamad, Abdulghani Taib</i>  | <b>Radwan Rushdi Mohammed</b><br>Shaqlawa Technical College, Erbil<br>Polytechnic University, KRG, Iraq     |
| 12:20-12:30 | <b>Questions &amp; Discussion</b>   |   |
| 12:30-01:30 | <b>Lunch Break</b>  |   |



**Day 2: 6<sup>th</sup> Session: Nutrition and Physiotherapy 01:30 pm – 03:30 pm**

**Moderators: Prof. Dr. Hamdia Mirkhan, Assist. Prof. Dr. Katan Sabir Ali Assist. And Prof. Dr. Furman Kasseem**

| Time        | Title/Author (s)   | Presenter  |
|-------------|--|--|
| 01:30-01:40 | <b>The effect of Vitamin D Supplementation in Patients with Type 2 Diabetes: A Systematic Review and Meta-Analysis of Clinical Trial Studies</b><br><i>Hedyeh Mohammadi Baharm, Maryam Afraie, Parisa Kohnepoushi, Porya Bahrami, Kamran Zamani, Lobat Majidi, Sorour Khateri, Lotfollah Saed, Bakhtiar Piroozi, Farhad Moradpour, Yousef Moradi</i> | <b>Assist. Prof. Dr. Yousef Moradi</b><br>Kurdistan University of Medical Sciences,<br>Sanandaj, Iran                              |
| 01:40-01:50 | <b>The prevalence of all types of diabetes and dysglycemia in the Eastern Mediterranean countries: A meta-analysis study</b><br><i>Asra Moradkhani, Mobin Azami, Pardis Mohammadzadeh, Hamid Reza Baradaran, Lotfolah Saed, Kianush Asvad, Rojina Kakaei, Sorour Khateri, Yousef Moradi</i>  | <b>Asra Moradkhani</b><br>Kurdistan University of Medical Sciences,<br>Sanandaj, Iran.   |
| 01:50-02:00 | <b>Modified Physiotherapy in Acute Backache</b><br><i>Hazim Abdul Rahman Alhiti</i>  | <b>Dr. Hazim Abdul Rahman Alhiti</b><br>-Al Mansour University College<br>-Iraqi Ministry of Health                                |
| 02:00-02:10 | <b>Neighborhood environment and quality of life among community-living older adults in Nigeria: The moderating effect of physical activity</b><br><i>Adewale L. Oyeyemi, Sanda M. Kolo, Adetoyeje Y. Oyeyemi, Babatunji A. Omotara, Shuaibu J. Yahaya, James F. Sallis</i>   | <b>Dr. Sanda M. Kolo</b><br>Médecins Sans Frontières (MSF)<br>Belgium  |
| 02:10-02:20 | <b>The Effect of Hard Work and Environment of Work Place on Blood Pressure and Heart Rate</b><br><i>Sawza Saadi Saeed</i>  | <b>Assist. Lec. Sawza Saadi Saeed</b><br>Technical Health and Medical College<br>Polytechnic University, KRG, Iraq                 |
| 02:20-02:30 | <b>Association of Lifelines Diet Score (LLDS) with type 2 diabetes mellitus and hypertension: A cross-sectional study</b><br><i>Hawal Lateef Fateh</i>   | <b>Assist. Lec. Hawal Lateef Fateh</b><br>Sulaimani Polytechnic University, KRG, Iraq<br>Garmian Polytechnic University, KRG, Iraq |
| 02:30-02:40 | <b>The prevalence of obesity and abdominal obesity in relation to healthy eating index; results from Kurdish population-based study</b><br><i>Shima Moradi, Yahya Pasdar, Shima Aminpour, Farid Najafi, Amir Saber (video presentation)</i>  | <b>Shima Moradi</b><br>Kermanshah University of Medical<br>Sciences, Kermanshah, Iran  |
| 02:40-02:50 | <b>The effect of fenugreek seed extract (<i>Trigonella foenum-graecum</i>) in women with polycystic ovary syndrome: a systematic review of randomized clinical trials</b><br><i>Maryam Sharifi Najafabadi, Shima Moradi, Jalal Moludi, Amir Saber (video presentation)</i>   | <b>Maryam Sharifi Najafabadi</b><br>Kermanshah University of Medical<br>Sciences, Kermanshah, Iran                                 |
| 02:50-03:00 | <b>Nutrition and Oral Health: Review Article</b><br><b>Asra Diyar Hussein, Dima Taha Sabr and Rundk Ahmed Hwaiz</b>  | <b>Asra Diyar Hussein</b><br>College of Health Science<br>Hawler Medical University, KRG, Iraq                                     |
| 03:00-03:10 | <b>Nutrition and Mental Health: Review Article</b><br><i>Ahmed Shahab, Helen Khidr, Saya Rizgar, Vanya Jamil, Rundk Ahmed</i>  | <b>Vanya Jamil Abubaker</b><br>College of Health Science<br>Hawler Medical University, KRG, Iraq                                   |
| 03:10-03:30 | <b>Questions &amp; Discussion</b>  |  |
| 03:30-04:00 | <b>Coffee Break</b>  |  |

**Day 2: 7<sup>th</sup> Session: Genetics 04:00 pm – 05:00 pm**

**Moderators: Assist. Prof. Dr. Sahar Mohammed and Assist. Prof. Dr. Ahang Hasan Mawlood**

| Time        | Title/Author (s)  | Presenter   |
|-------------|---|---|
| 04:00-04:10 | <b>New progress of Circular RNAs in Hall Marks of Cancer: Tumorigenesis and Tumor Therapy: Review Article</b><br><i>Bashdar Mahmud, Rayan Mazn, Snur Rasool, Sayran Mohamad</i>   | <b>Rayan Mazn Jaafar</b><br>College of Pharmacy<br>Hawler Medical University, KRG, Iraq   |
| 04:10-04:20 | <b>CircRNAs: Important player in colorectal cancer progression and drug resistance: Review Article</b><br><i>Bashdar Mahmud, Abdulqahar Azizkhan, Snur Rasool, Yousif Mohammed, Mohammed Fatih, Ali M. Hussein, Hazha Jamal Hidayat</i>                         | <b>Abdulqahar Azizkhan</b><br>College of Pharmacy<br>Hawler Medical University, KRG, Iraq |
| 04:20-04:30 | <b>New Insights of lncRNAs in breast cancer tumorigenesis and drug resistance: Review Article</b><br><i>Diyar Idris, Bashdar Mahmood, Snur Rasool, Hazha Jamal Hidayat</i>  | <b>Diyar Idris Othman</b><br>College of Pharmacy<br>Hawler Medical University, KRG, Iraq  |
| 04:30-04:40 | <b>Current Landscape of miRNAs and TGF-<math>\beta</math> Signaling in Lung Cancer Progression and Therapeutic Targets: Review Article</b><br><i>Bashdar Mahmud, Safeen Jasim, Snur Rasool, Sayran Mohamad, Hazha Jamal Hidayat, Mohammed Fatih, Arda Kiani</i> | <b>Safeen Jasim Saleem</b><br>College of Pharmacy<br>Hawler Medical University, KRG, Iraq |
| 04:40-04:50 | <b>The Reduction of Anxiety DASS21 in Diabetic Patients in Erbil– Kurdistan Region of Iraq</b><br><i>Rayan Khalid Bakr, Mohammed Yousif Merza</i>   | <b>Rayan Khalid Bakr</b><br>College of Pharmacy<br>Hawler Medical University, KRG, Iraq   |
| 04:50-05:00 | <b>Questions &amp; Discussion</b>   |   |

**Closing and End of the Conference**



## Electronic Posters (e-Posters):

| Code     | Poster Title   | Presenter(s)/Author(s)   | Country  |
|----------|--|--|----------|
| 2SCHSC1  | Physical Activity during Pregnancy and its Relationship with the Functional Status of Primiparous Women Six Weeks after Childbirth: A Cohort Study                                 | Professor Dr. Vida Aghamiri  | Iran     |
| 2SCHSC2  | Seroprevalence of Hepatitis C virus among blood donors in Erbil City, Kurdistan region- Iraq   | Assist. Prof. Dr. Sewgil Saaduldeen<br>Rayan Sabur Ahmed, Sumaya Rashad, Rozhan Salah Hussein, Tara Jamal Rahman., Sahar Mohammed Zaki   | Iraq-KRG |
| 2SCHSC3  | Plasmid-mediated quinolone resistance in extended-spectrum $\beta$ -lactamase-producing <i>Klebsiella pneumoniae</i> isolated from clinical samples                                | Assist. Prof. Dr. Mansour Sedighi<br>Maedeh Hoseinzadeh, Mansour Sedighi, Yousef Yahyapour, Mostafa Javanian, Maryam Beiranvand, Mohsen Mohammadi, Sepide Zarei, Abazar Pournajaf, Amirmorteza Ebrahimzadeh Namvar | Iran     |
| 2SCHSC4  | Association of HLA-DRB1*04 Gene with Hashimoto's Thyroiditis among Iraqi- Kurdish Population in Erbil Province   | Assist. Prof. Dr. Sahar Mohammed Zaki Abdullah<br>Bakhtawar Ziad Omer  | Iraq-KRG |
| 2SCHSC5  | Detection and determination of the antibiotic resistance patterns in <i>Pseudomonas aeruginosa</i> strains isolated from clinical specimen   | Dr. Saadat Pirouzi<br>Mansour Sedighi<br>Saeid Safiri  | Iran     |
| 2SCHSC6  | Dyslipidemia among Type 2 Diabetic Patients in Zakhko, Kurdistan Region, Iraq  | Dr Ali Hussein Ahmed Dosky   | Iraq-KRG |
| 2SCHSC7  | Food and Nutrition Literacy among gynecological experts and the diet of pregnant women in relation to the birth weight of their newborns in different hospitals of Erbil/Kurdistan | Carolin Kretschmar,<br>Amelie Hellmann,<br>Rundk Hwaiz, Jan Frank, Christine Lambert, Chimam Khudhur Mawlood, Heiner Woltering   | Germany  |
| 2SCHSC8  | A Systematic Review of Physical Activity Levels among Students in Iran   | Somayeh Shokri   | Iran     |
| 2SCHSC9  | Knowledge of human papillomavirus vaccines and opinions of gynecologists about its implementation in Erbil   | Mahnaz Farhad<br>Roqaie Bayrami  | Iraq     |
| 2SCHSC10 | Methicillin-resistance <i>Staphylococcus aureus</i> in Beef products   | Hanar Araz Qadir   | Iraq-KRG |

**Note:** All posters are available at website of conference (please visit the link below):

e-Posters' link: <https://hmu.edu.krd/news-of-health-sciences/1691-poster>

## Conference Presenters' Data

| Total Number of Presenters                                  | Type of Presentation                                     | Country             |          |          |          |          |                          |           |          |          |          |          |
|---|--|---------------------|----------|----------|----------|----------|--------------------------|-----------|----------|----------|----------|----------|
|   |  | National Presenters |          |          |          |          | International Presenters |           |          |          |          |          |
|   |  | Hawler              | Slemani  | Duhok    | Kirkuk   | Baghdad  | Basrah                   | Iran      | Canada   | Turkey   | Germany  | Nigeria  |
| <b>National:<br/>50</b><br><br><b>International:<br/>21</b> | <b>Keynote Speakers:<br/>7</b>                           | 3                   | -        | 2        | -        | -        | -                        | 1         | 1*       | -        | -        | -        |
|   | <b>Researches: 54</b><br>Physical + Online*<br>(51 + 3*) | 26                  | 2        | 5+1*     | 3        | 1        | 1                        | 10+2*     | -        | 1        | -        | 2        |
|   | <b>ePosters: 10</b>                                      | 3                   | 1        | 1        | -        | -        | -                        | 4         | -        | -        | 1*       | -        |
|   | <b>Total: 71</b>   | <b>32</b>           | <b>3</b> | <b>9</b> | <b>3</b> | <b>1</b> | <b>1</b>                 | <b>17</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> |

\* = Online participation (Video presentation).



College of Health Sciences  
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كۆليژى زانستە تەندروستىيەكان  
زانكۆى ھەوليرى پزىشكى  
”بە زانين بەرز دەبينەوھ“

۷ – ۸ ئۆكتۆبەر ۲۰۲۳  
ھەولير

2<sup>nd</sup> Scientific Conference of the  
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