

8th PFMR Biomedical Research Symposium

April 13th, 2019

Said Khoury Building, Birzeit University, Birzeit, Palestine

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| 8:00-9:00 | Registration |
| | Opening Session: <i>Dr. Johnny Stiban, Birzeit University</i> |
| 9:00-9:30 | <ul style="list-style-type: none"> - Prof. Abdullatif Abu Hijleh, President, Birzeit University - Dr. Rania Abu Hamdah, Dean, Faculty of Pharmacy, Nursing and Health Professions - Prof. Rami Aqeilan, on behalf of the PFMR board of directors and scientific committee |
| | Session I – Genetics & Epigenetics Moderator: <i>Dr. Nouar Qutob, Arab American University</i> |
| 9:30-9:50 | <p>The cognitive mechanism of action of SSRI antidepressants in responder and non-responder patients with major depressive disorder <i>Dr. Mohammad M. Herzallah</i> Al-Quds University, Palestine; Rutgers University, NJ, USA</p> |
| 9:50-10:05 | <p>Clinical exomes and genetic heterogeneity in the Palestinian population <i>Lara Kamal</i> Molecular Genetics laboratory, Istishari Arab Hospital, Ramallah, Palestine</p> |
| 10:05-10:20 | <p>Molecular characterization of β-thalassemia intermedia in the West Bank, Palestine <i>Rashail Faraon</i> Department of Medical Laboratory Sciences, Al-Quds University, East Jerusalem, Palestine</p> |
| 10:20-10:35 | <p>Potential treatment for diabetes type 1 in Wolfram syndrome 2 patients; using iron chelator and antioxidant combination <i>Ola Karmi</i> Institute of Life Sciences, Jerusalem</p> |
| 10:35-10:50 | <p>Novel mutations in <i>NPRL3</i> gene in two Palestinian families with familial focal epilepsy with variable foci <i>Christina Canavati</i> Hereditary Research Laboratory, Bethlehem University, Bethlehem, Palestine</p> |
| 10:50-12:00 | Coffee Break & Poster Session I |
| | Poster Teasers Session: Moderators: <i>Yara Khodour and Muna Abedrabbo, Birzeit University</i> |
| 12:00-12:30 | <p>Mahmoud A. Najjar (Medical Laboratory Sciences, Islamic University of Gaza) Relationship between gene polymorphism and type 2 diabetes in a Palestinian population: a study of five gene polymorphisms</p> <p>Maram Jaghama (Nursing and Health Sciences, Birzeit University) Exploring nurses understanding of and attitudes toward incident reporting case study: A governmental hospital in the West Bank</p> <p>Ahmad Al Hammouri (Faculty of Medicine, Al-Quds University) Postoperative intestinal intussusception in infants: an easily missed cause of postoperative obstruction</p> <p>Wafa Abu Siba (Faculty of Health Professions, Al-Quds University) Expression of <i>GBGT1</i> gene and the Forssman antigen in red cells in a Palestinian population</p> <p>Nicola Saliba (Faculty of Pharmacy, Nursing and Health Professions, Birzeit University) Development and evaluation of Allicin (garlic extract) and vitamin D containing formulations for the topical enhancement of hair growth</p> <p>Ahmad Jaffal (Department of Biology, Al-Quds-Bard College for Arts and Sciences) Effect of HRasG12V transformation on MCF10A cells harboring different <i>TP53</i> variants</p> <p>Suheir Lolas (Hereditary Research Laboratory, Bethlehem University) A founder mutation in the <i>TP53</i> gene and its prevalence in Palestinian breast cancer patients</p> <p>Shahd Alnatsheh (Faculty of Pharmacy and Medical Sciences, Hebron University) Measurement of P53 and P53 autoantibodies in breast cancer patients in southern West-Bank, Palestine and the associated risk factors of the disease</p> |

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| | <p>Leen Humos (<i>Department of Biology and Biochemistry, Birzeit University</i>) Antitumor effects of microwave intratumor therapy using magnetic ferucarbotran nanoparticles on breast cancer xenografts</p> <p>Ayman Salman (<i>Palestinian Neuroscience Initiative, Al-Quds University</i>) Rule vs. contextual generalization: insights into hippocampal-entorhinal involvement in posttraumatic stress disorder (PTSD)</p> |
| | <p>Session II – Cellular and Molecular Pathophysiology Moderator: <i>Dr. Yaqoub Ashhab, Palestine Polytechnic University</i></p> |
| 12:30-12:45 | <p>Characterizing Goal-Directed Behavior in Children with Attention-Deficit/Hyperactivity Disorder <i>Anfal A.AbuHilal</i> Palestinian Neuroscience Initiative, Al-Quds University, Jerusalem, Palestine</p> |
| 12:45-13:15 | <p>The clinical utility of cell-free DNA methylation for predicting breast cancer recurrence <i>Dr. Budour Salhia</i> Department of Translational Genomics, University of Southern California, USA</p> |
| 13:15-13:35 | <p>Single molecule quantification of trastuzumab-bound HER2 in patient breast cancer cells <i>Dr. Tijana Jovanović-Talisman</i> Department of Molecular Medicine, City of Hope, California, USA</p> |
| 13:40-15:00 | Lunch Break, Round Table Discussion & Poster Session II (Including coffee) |
| | <p>Session III – Microbiology & Molecular Genetics Moderator: <i>Dr. Musa Hindiye, Caritas Baby Hospital, Bethlehem</i></p> |
| 15:00-15:15 | <p>Investigation of the re-emerging Brucellosis after 2015 in Hebron governorate using multiple-locus variable-number tandem-repeat analysis (MLVA) <i>Bessan Aljanazreh</i> Palestine Korea Biotechnology Center, Palestine Polytechnic University, Hebron, Palestine</p> |
| 15:15-15:30 | <p>Antibiotic resistance of bacterial strains isolated from patients with community-acquired urinary tract infections: A national study from Palestine <i>Khaled Z. Badareen</i> Palestinian Ministry of Health, Hebron University, Hebron, Palestine</p> |
| 15:30-15:55 | <p>Inherited mutations In the DNA helicase RTEL1 compromise telomere elongation by telomerase In Hoyeraal-Hreidarsson syndrome <i>Aya Awad*</i> Knock-in mice models carrying missense mutations in the DNA helicase RTEL1 <i>Riham Smoom*</i> *Department of Genetics, Jerusalem</p> |
| | <p>Session IV – Cellular Models of Breast Cancer Moderator: <i>Dr. Zaidoun Salah, Al-Quds-Bard College, Al-Quds University</i></p> |
| 15:55-16:10 | <p>Generating cellular model for studying novel mechanisms of transcriptional reprogramming in breast carcinogenesis <i>Yousef S. Torman</i> Department of Biology, Al-Quds-Bard College for Arts and Sciences, Al-Quds University</p> |
| 16:10-16:30 | <p>BRCA1 mutation and related tissue microenvironments drive acceleration of aging phenotypes in mammary epithelia. <i>Dr. Sundus Shalabi</i> Department of Population Sciences, City of Hope, California, USA</p> |
| 16:30-17:00 | Closing Session: Concluding Remarks & Awards |