

The 2nd National Biomedical Science Conference: Current & Future Perspectives

Friday 5th & Saturday 6th April, 2024, Villa Bighi, Kalkara

Friday 5th April

08:00 – 09:00 REGISTRATION

09:00 – 09:30 OPENING SPEECH

09:30 – 10:20 KEYNOTE LECTURE

Prof. Keith Sacco: From Bedside to Bench - How Clinical Observations Help Develop Novel Assays

10:20 – 11:00 COFFEE BREAK

11:00 – 12:30 ORAL PRESENTATIONS – SESSION 1 - CARDIOVASCULAR & GENETICS

Dr. Jeanesse Scerri: The Maltese Genetic Landscape of Hereditary Cardiovascular Genetics

Mr. Ian Brincat: Optimizing LDL-C Estimation: The Sampson Equation Solution

Ms. Marichela Schembri: Bridging the Gap: The GRITty Quest for Uncovering Osteoporosis Genes

Dr. Graziella Zahra: Whole Genome Sequencing for One Health Surveillance of Antimicrobial Resistance: The Maltese Experience from the FWD-AMR Ref Lab Cap Project

Ms. Nikita Camilleri: Unravelling the Globin Gene Switch Mechanism in Patients with Hereditary Persistence of Foetal Haemoglobin

12:30 – 13:00 POSTER SESSION

Ms. Azra Zejnelagic: Analysis of Structural Variants in Osteoporosis

Ms. Kimberly Fenech: 5-Fluorouracil Resistant Colorectal Cancer Cells Show a Reduced Expression of Key Protein Methyltransferases and No EMT Potential

Ms. Chantelle Sell: The Association of Two Novel Variants in *FBN1* and *SMAD3* with Familial Aortic Diseases

Mr. Mark Briffa: Waste Water Surveillance of SARS-CoV-2 in the Maltese Islands

Mr. Mark Briffa: Innovative Molecular PRofiling of distINct Tumour derived cells in blood (IMPRINT)

13:00 – 14:00 LUNCH

14:00 – 15:30 ORAL PRESENTATIONS – SESSION 2 - IMMUNOLOGY & TRANSFUSION MEDICINE

Prof. Byron Baron: Utilisation of Surplus, Expired and Waste Transfusion Products in Proteomics-Based Research

Ms. Gabriella Azzopardi: Prevention of Anti-D Prophylaxis in Pregnant RhD Negative Females Using Non-Invasive Foetal RhD Genotyping in Malta

Ms. Mariana Grima: Phage Display Identifies Single Chain Variable Fragment Antibodies Specific to Immune Checkpoints

Dr. David Pisani: A Case of Disseminated Intravascular Coagulation Complicating Catastrophic Uterine Bleeding Secondary to Adenomyosis

15:30 – 16:00 MINDFULNESS SESSION

Saturday 6th April: CANCER SPECIAL

08:00 – 08:30 REGISTRATION

08:30 – 08:45 OPENING OF DAY 2

08:45 – 09:30 KEYNOTE LECTURE

Dr. Brigitte Maes: The Belgian Approach for Local Laboratory Extensive Tumor Testing (BALLETT)

09:30 – 10:00 COFFEE BREAK & POSTER SESSION

10:00 – 11:30 ORAL PRESENTATIONS – SESSION 3

Dr. Matthew Farrugia: TFE-3 Rearranged Renal Cell Carcinoma, a Case Report

Dr. Ian Said Huntingford: A Retrospective Analysis of Lung Cancer Diagnoses Made by Endoscopic Bronchial Ultrasound, a Histological and Molecular Analysis

Dr. David Pisani: A Case of Primary Testicular Follicular Lymphoma

Ms. Jessica Debattista: Tumour Budding-Specific Signatures in Colorectal Carcinoma

Ms. Patricia Brincat: Serendipity in Science

11:30 – 12:30 PANEL DISCUSSION

Comprehensive Cancer Care

12:30 – 13:45 CLOSING & LUNCH