



### List of recent M.Sc. by Research

Surname	Name	Dissertation Title	Supervisor
Agius	Julian	Functional analysis of GWAS markers for asthma	Professor Anthony Fenech
Aquilina	Giulia	Genetic Characterization of selected probands/kindreds with congenital heart disease	Dr Nikolai Pace
Azzopardi	Gabriella	Prevention of Anti-D Prophylaxis in Pregnant RhD Negative Females using Non-Invasive Fetal RhD Genotyping in Malta	Dr S Laspina
Barbara	Jessica	Impact of Metabolic Health on Carotid Intima Thickness & Arterial Stiffness	Dr Caroline J Magri
Borg Myatt	Jeremy	The Accuracy of Antenatal Anomaly Scan Screening in Malta	Professor Simon Attard Montalto
Camilleri	William	The Effect of Transcatheter Aortic Valve Replacement compared to Surgical Aortic Valve Replacement on Arterial Stiffness in Aortic Stenosis	Dr Caroline J Magri
Ceci	Michelle Ann	Molecular Biomarkers which predict metastatic potential in primary breast carcinomas	Professor Godfrey Grech

Clement	Emeka	A Comparative Analysis of the Relationship between Oestrogen Level and Hypothyroidism in Pre-Menopausal and Post-Menopausal Maltese Woment from 2017-2018: A retrospective cohort study in Malta	Professor Yves Muscat Baron
Cuschieri	Andrea	Investigating the anti-cancer effects of $\alpha$ -Solanine on glioblastoma cell lines for in-vitro evaluation against the chemotherapeutic standard-of-care	Dr Byron Baron
Cutajar	Michaela	Generaton of functional pancreatic beta cell organoids from mesenchymal stem cells for applications in Type 1 diabetes research.	Dr Byron Baron
Debattista	Jamie-Lee	Cytochrome P450 2C19 Genetic Polymorphisms and Proton Pump Inhibitor Therapy Resistance	Dr Francesca Wirth
Ellul Azzopardi	Lara	Increasing Platelet Concentrate shelf-life from 5 to 7-day - A pilot study -	Dr Denise Borg Aquilina
Farrugia	Dylan	A study of Apis mellifera ruttneri on Gozo: analysis using mitochondrial DNA and morphometry	Dr Marion Zammit Mangion
Fenech	Kimberly	Investigating the role of the protein methyltransferases EHMT2 and PRMT5 on the epithelial-to-mesenchymal transition of colorectal cancer	Dr Byron Baron
Galea	Sephora	Production, Purification, and Biophysical Characterisation of the Psi53 Isoform	Professor Therese Hunter

Galea St John	Andrew Paul	The anti-leukaemic potential of phenolics in combination with chromatin modifying agents on an Acute Myeloid Leukaemia Cell line	Professor Pierre Schembri Wismayer
Grech	Lauren Marie	The influence of applying the NICE guideline on CTG interpretation and classification during labour and on resultant clinical management in Malta	Dr Isabelle Saliba
Herrera	Maja	Alpha-synuclein aggregation in the presence of mitochondrial lipid membranes - implications for Parkinson's disease	Professor Neville Vassallo
Magri	Stephanie	Investigation of the Stem Cell Compartment in Patients with Chronic Cytopenias and Low-Risk MDS	Professor Alex Gatt
Parnis Ignjatovic	Justine	Nutrition Screening in Maltese Hospitalized Children	Professor Simon Attard Montalto
Pulikkal	Sunila John	A Retrospective Study of Emergency Caesarean Sections performed for Prolonged Labour in Primiparous Singleton Pregnancies Delivered in the Maltese Islands	Professor Yves Muscat Baron
Saccassan	Janine	A Comparison between the Detection Rate of Pathogens Causing Sepsis in Paediatric Cases up to One Year of Age via Conventional Blood Culture Methods and Real-Time Polymerase Chain Reaction Assays	Dr Rodianne Abela

Saliba	Luke	Biodegradable FeMn Bone Graft Substitutes: In Vitro and In Vivo Testing	Professor Pierre Schembri Wismayer
Sant	Daniel Paul	Effect of Wnt Inhibition Drug Treatment on Chemoresistant Colorectal Cancer	Dr Byron Baron
Scicluna	Rachel	Gene Targeting in Lung Cancer (GTiLC)	Dr Vanessa Petroni Magri
Seychell	Raina	Bioengineering Mitochondrial Membranes Using Drug-Like Compounds to Combat Diseases of Protein Misfolding	Professor Neville Vassallo
Spinoso	Alessandra	Validating circulating exosomes as specific biomarkers for lung cancer detection	Professor Godfrey Grech
Spiteri	Rebecca	Investigating the Viability of Cold-Stored Platelet Concentrates and the Effects of Prolonged Incubation	Dr Denise Borg Aquilina

**Current students were asked whether they wish to give consent for this information to be made public.**

**The above table includes details of research of students who consented by 5 January 2023.**

As at 6JAN23