



**List of current PhD Research Thesis (2005-2024)**

<b>Year</b>	<b>Name of Graduate</b>	<b>Thesis Title</b>	<b>Supervisor</b>
2005	Vassallo Neville	The Physiological Role of Prion Protein in Neurodegenerative Disease	Professor J. V. Bannister
2006	Bonello Steve	The HIF System and Inhibitory PAS Domain Protein (IPAS) – A Role in Vascular Remodelling	Professor Alex Felice
2006	Gauci Charmaine	Surveillance of Infectious Intestinal Disease in Malta	Professor Herbert M Giles
2006	Rapinett Gertrude	Intentions Enacted: What role for prospective memory?	Dr Jenny Rusted
2007	Bezzina Wettinger Stephanie	RNA Profiling and The Genetics of Myocardial Infarction	Professor Alex Felice Professor P.H. Reitsma
2007	Fenech Anthony J	Pathology of Temporal Bones Following Head Injuries: The Macro and Microscopic Effects on the Inner Ear	Professor Marie Therese Camilleri Podesta Professor L Michaels
2007	Sapienza Karen	Aspirin – Induced Apoptosis in Yeast	Professor Rena Balzan
2007	Vidal Christopher	The Genetics of Osteoporosis	Professor Angela Xuereb Anastasi
2008	Al Ashtar Al Ahmed	Molecular SNPlotypes TM with Common Alleles Reflects Expression Profile in Diabetes Mellitus Type 2	Professor Alex Felice
2008	Borg Michael A	Antibiotic Resistance Surveillance and Control in Countries of the Mediterranean Region	Professor Herbert M Gilles
2008	Cassar Maria Louisa	Linkage Analysis in a Familial Case of Idiopathic Epilepsy and its Implications in Drug Development	Professor Janet Mifsud
2009	Galea Raymond P	The Effect of a Marine Alga, Padina Pavonica, on Maltese Menopausal Women	Professor Mark P. Brincat

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2009	Grech Anna	Development and Initial Validation of a Cue Encounters and a Cue Salience Questionnaire in an Alcohol Dependent Population	Professor Richard Muscat
2009	Said Edith	Molecular Cytogenetics in the Diagnosis of Mental Retardation in Malta	Professor Alfred Cuschieri Professor Giovanni Neri
2010	Borg Joseph	A Novel Mutation in the Human Erythroid Transcription Factor KLF1 as a Cause of Hereditary Persistence of Foetal Haemoglobin	Professor Alex Felice
2011	Baron Byron	Novel Interactions of the GABPa Transcription Factor Complex	Dr Pierre Schembri Wismayer
2011	Caruana Mario	Dietary Polyphenols as Novel Protective Agents against Membrane Damage in $\alpha$ – synucleinopathies	Dr Neville Vassallo
2012	Formosa Robert	Genetic Predisposition and Functional Analysis of Pituitary Adenomas	Professor Josanne Vassallo
2013	Agius Adrian Mark	Chronic Mid-Facial Pain: A Randomised Clinical Trial and a Prospective 3 year Follow-Up	Professor Richard Muscat
2013	Darmanin Ellul Rita J.	Determination of the Phytochemical, Antioxidant and Anti-Inflammatory Properties of Selected Maltese Medicinal Plants	Professor Roger Ellul Micallef
2013	Farrugia Gianluca	A Study of the Roles of Reactive Oxygen Species and Superoxide Dismutase in Aspirin-Induced Apoptosis in Yeast	Professor Rena Balzan
2013	Pace Nikolai P.	Does Summation of Alleles Account for Genetic Risk and GenotypePhenotype Association in Type 2 Diabetes Mellitus?	Professor Alex Felice
2014	Ellul Ian	Off-Label and Unlicensed Medicinal Product Use in Paediatrics – A Case Study for Malta	Professor Victor Grech
2015	Fsadni Peter	Impact of school indoor air quality on children’s respiratory health in Maltese primary schools	Professor Stephen Montefort
2015	Grech Louise	An evaluation of a pharmaceutical care model in patients with rheumatological disorders	Professor Victor Ferrito

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2015	Melillo Tanya	Sexual behavioural patterns and knowledge amongst young Maltese people	Professor Julian Mamo
2015	Pierucci Massimo	Role of the lateral habenula in nicotine addiction : interaction with the dopaminergic system	Professor Giuseppe Di Giovanni
2015	Sghendo Lino	Chiral pharmacokinetics of fluoxetine	Professor Janet Mifsud
2015	Vella Janis	Distribution of ciprofloxacin in the peripheries	Professor Godfrey LaFerla
2015	Wirth Francesca	Pharmacogenetic implications in clopidogrel therapy : a pharmacist-led management approach	Professor Lilian M. Azzopardi
2015	Zammit Nowell	$\gamma$ Gamma to $\beta$ Beta Transitional Failure in Adolescent Patients with ADHD	Professor Richard Muscat
2016	Attard Pizzuto Maresca	Innovative Tools to Investigate Risk in Pharmaceutical Processes	Professor Anthony Serracino Inglott
2016	Baldacchino Shawn	Biomarker-driven Therapeutic Groups Sensitive to PP2A Activators in Cancer Patients	Professor Godfrey Grech
2016	Craus Johann	Biological and Genetic Markers for Gestational Diabetes Mellitus	Professor Josanne Vassallo
2016	Ellul Pierre	An Analysis of Phenotype-Genotype Features of a Maltese Patient Cohort with Crohn's Disease and Ulcerative Colitis	Professor Godfrey LaFerla
2016	Gatt Lucienne	Characterisation and Isolation of Phenolic Compounds derived from Extra Virgin Olive Oils and the Analysis of their Leukaemia Differentiating Activity	Dr Marion Zammit Mangion
2016	Mizzi Clint	How does Bioinformatics Analysis of Next Generation Sequences on Critical Families and Populations serve to Identify Globin Gene Control Mechanisms and Maltese Genetic Variations?	Professor Alex Felice
2016	Pace David	Vaccine Prevention of Capsular Group C Meningococcal Disease in Childhood	Professor Simon Attard Montalto

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2016	Petroni Vanessa	mTOR Dependent Proliferative Mechanisms Involved in Breast Cancer	Professor Marie Therese Camilleri Podesta
2016	Sammut Bartolo Nicolette	New Pathways for Development of Synthetic Steroids	Professor Anthony Serracino Inglott Professor Victor Ferrito
2017	Anastasi Alison	Constructivism in Innovative Models of Pharmaceutical Care Bridging Administrative and Clinical Pharmacist Intervention: Heart Failure Mode	Professor Lilian Azzopardi
2017	Camilleri Angelique	The Interaction of Amyloidogenic Proteins with Mitochondrial Membranes – Role of Cardiolipin	Dr Neville Vassallo
2017	Camilleri Robert	Development of a Prediction Model for the Diagnosis of Suspected Acute Poisoning	Professor Michael Sammut
2017	Cassar Analisse	Investigating the Effect of Insect Conditioned Medium and its Constituents on the Terminal Differentiation of Leukaemia	Professor Pierre Schembri Wismayer
2017	Gauci Marise	Quality Assurance of Prescribing in the Elderly Population	Professor Lilian Azzopardi
2017	Vella Jasmine	Characterisation of a Mouse Model of Focal Ischaemia and Reperfusion to Study the Putative Protective Benefit of Intraperitoneally Administered Lactate in Gray and White Matter of the Brain	Professor Mario Valentino
2018	Briffa Michelle	Discovery of Natural Products that Reduce the Occurrence of Neurodegenerative Features in Fly Models of Alzheimer's and Parkinson's disease	Dr Ruben Cauchi
2018	Caruana Maryanne	Grown-up Congenital Heart Disease in the Maltese Islands	Professor Victor Grech
2018	Ghio Stephanie	Permeabilisation of Mitochondrial Lipid Bilayers by Amyloid Pores in Neurodegenerative Disease	Professor Neville Vassallo
2018	Magri J Caroline	Cardiovascular Disease and Atherosclerosis: Novel Risk Factors and Predictors	Professor Joseph Galea

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2018	Manche' Alexander	Developing a Model for Clinical management in a Small Cardiothoracic Unit	Professor Victor Grech
2018	Shabbi Hanna	Modelling Pharmacokinetics in the Individualization of Lamotrigine Drug Therapy in Paediatric Epilepsy	Professor Janet Mifsud
2019	Buttigieg George Gregory	The Unborn Child as a Legal Liability	Professor Kevin Aquilina
2019	Cuschieri Sarah	The Burden of Diabetes Mellitus Type 2, Dysglycaemia and their codeterminants in the Adult Population of Malta	Professor Julian Mamo
2019	Grech Laura	Genetic Heterogeneity of KLF1 Deficiency and the Pleiotropy of Haemoglobin Phenotypes	Professor Alex Felice
2019	Mifsud Buhagiar Luana	Clinical Implications of Pharmacogenetics in Psychiatric Treatment	Professor Godfrey Laferla
2019	Seychell Brandon Charles	Structural and biochemical analyses of human and sheep Xanthine Oxidoreductase	Professor Therese Hunter
2019	Scerri Jeanesse	Herceptin Resistance in Breast Cancer: A multidimensional approach	Professor Christian Scerri
2019	Tewari Jasra Ila	Derivation of Induced Pluripotent Stem Cells from Cord Blood	Professor Pierre Schembri Wismayer
2019	Vella Marita	Protein: Protein Interactions of AIP (Aryl Hydrocarbon Receptor Interacting Protein)	Professor Gary Hunter
2019	Zammit Christian	Characterisation of Hypoglycaemic White Matter Injury: an Electrophysiological, Pharmacological and Imaging Study in the Rodent Brain	Professor Mario Valentino
2019	Zarb Adami Raina	The Pre-Clinical Evaluation of a Synthetic Fibrin-Alginate Dermal Scaffold – The Smart Matrix™	Professor Godfrey LaFerla
2020	Azzopardi Maria	Mechanisms of Aspirin-Induced Apoptosis in Redox-Compromised Yeast Cells: The Effect of Aspirin on the Cell Cycle and Glutamate Metabolism	Professor Rena Balzan

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2020	Bilocca David	Effects of Household Indoor Air Quality and Environment on Respiratory Health of Maltese Families	Professor Stephen Montefort
2020	Gerada Eleanor	Childhood Allergic Conditions and Traffic-related Air Quality in the Maltese Schools (ISAAC-Malta 2013-2014)	Professor Stephen Montefort
2020	Mazzitelli Oriana	Modulating Regulatory T Cells towards Effective Cancer Immunotherapy	Professor Pierre Schembri Wismayer
2020	Riva Nicoletta	Laboratory and Psycho-socio Aspects of Anticoagulation and Venous Thromboembolism	Professor Alexander Gatt
2020	Suleiman Sherif	Effects of Extracts from Regenerating Organisms on Differentiation of the Human Myeloid Leukaemia HL-60 Cell Line	Professor Jean Calleja Agius
2021	Borg Rebecca	Identification and functional characterisation of genes linked to motor neuron disease	Professor Ruben Cauchi
2021	Camenzuli Christian	Development of a scarless and gasless trans-oral video-assisted thyroidectomy	Professor Jean Calleja Agius Professor Pierre Schembri Wismayer
2021	El Saghir Adam	Effects of the islet amyloid polypeptide on mitochondrial membranes	Professor Neville Vassallo
2021	Grech Godwin Mario	Relevance of chromosomal region 2q37.3 to molecular determinants of airway function	Professor Anthony Fenech Professor Roger Ellul Micallef Professor Godfrey Grech
2021	Gixti Maria Pia	Overexpression of PP2A inhibitory subunits promotes expression and activation of oncogenic signatures	Professor Godfrey Grech Professor Christian Scerri
2021	Schembri Martina-Jo	Thermographic imaging of the pregnant uterus: The evaluation of a novel device and its use in the assessment of intra-uterine characteristics during pregnancy	Professor Yves Muscat Baron

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2022	Asciak Rachelle	A study focused on the biological effects of pleural fluid in mesothelioma, and an analysis of the feasibility of a personalised bench-to-bedside pathway for mesothelioma treatment	Dr Peter Fsadni Professor Najib M Rahman Professor Ioannis Psallidas Professor Stephen Montefort
2022	Eljali Seham Saadeddin	The genetics of risk in type 2 diabetes mellitus: Does whole exome sequencing of pooled DNA identify population-specific risk alleles?	Professor Alex Felice
2022	Micallef Fava Alison	The role of biochemical markers and genetic susceptibility in the pathogenesis of hormone dependent malignancies	Professor Charles Savona-Ventura Professor Nikolai Pace
2022	Sciberras Stephen	The effect of regional anaesthesia and genetic factors on the development of chronic pain following total knee arthroplasty	Professor Godfrey LaFerla Professor Godfrey Grech
2022	Zammit Christopher	Impact of outdoor and indoor air quality in secondary schools and homes on children's respiratory health in Malta	Professor Stephen Montefort
2023	Agius Rachel	Molecular determinants and prevalence of the different body composition phenotypes in a Maltese cohort	Professor Stephen Fava Professor Nikolai Pace
2023	Borg Elaine	Heterogeneity in Breast Cancer	Professor Pierre Schembri Wismayer Professor Godfrey Grech
2023	Cacciottolo Rebecca	Genetic, Behavioural and Molecular Studies of Gemin3 using Drosophila melanogaster	Professor Ruben Cauchi
2023	Farrugia Wismayer Maia	Rare gene variant discovery in Maltese ALS patients and functional characterisation of a gene linked to juvenile-onset ALS	Professor Ruben Cauchi
2023	Magro Rosalie	Characterisation of the relationship between fatigue, Vitamin D level, disease activity and interferon signature gene expression in systemic lupus erythematosus: A population based study	Professor Andrew A. Borg Professor Christian Scerri

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2023	Pullicino Jeremy	Analysis of Opuntia ficus-indica triggered cellular mechanisms in the protection against cellular stressor	Professor Therese Hunter Professor Pierre Schembri Wismayer
2023	Vassallo Eminyan Giulia	Investigating the Effect of Natural Extracts and Synthetic Chemicals on Differentiation of Glioblastoma and Neuroblastoma	Professor Pierre Schembri Wismayer
2023	Vella Deborah	Investigating the effect of differentiation therapy using extracts from 'Holothuria poli' (sea cucumber) on the haemopoietic malignancy	Professor Pierre Schembri Wismayer
2023	Wismayer Lilian	Pharmaceutical regulation, policy and access to medicines	Professor Lilian Azzopardi Dr Maurice Zarb Adami
2024	Fearne Julian	Establishing a Patient Centred Medical Device Body	Professor Anthony Serracino Inglott Dr Louise Grech
2024	Mercieca Gilbert	Cannabis-based Products: Analytical Implications and Impact on Regulation	Professor Anthony Serracino Inglott
2024	Mifsud Justin Lee	Coronary Risk Reduction Intervention for Siblings and Offspring of Patients with Premature Coronary Heart Disease: The CRISO Project	Professor Joseph Galea
2024	Von Brockdorff Bettina	Proposing an Educational Framework for the Specialization as a Responsible Person in Pharmaceutical Processes	Professor Lilian Azzopardi
2024	Zammit Maempel Julian	Achilles Tendon Rupture: Epidemiology, Outcomes after Treatment and an Analysis of Plantar Foot Pressures	Professor Godfrey LaFerla

As at 18 November 2024