Pharmacy Symposium 2017
6-10 March 2017
Aula Magna, Valletta Campus
University of Malta

Programme

Oral Communication Sessions
Third Year Doctorate in Pharmacy Students
MPharm Students
Second Year M.Sc. Students
B.Sc. (Hons) Pharm.Tech Third Year Students

Poster Discussion Sessions
B.Sc. (Hons) Pharm.Sci Fourth Year Students

Poster Presentations
B.Sc. (Hons) Pharm.Sci Second Year Students
B.Sc. (Hons) Pharm.Sci Third Year Students
Monday 6 March

0900hrs
Opening Ceremony
Oral Communication Session: Doctorate in Pharmacy

1010hrs
Safer Anticoagulation Management in the Community: A Pharmacist-Led Approach  
Elena Marie Mifsud

1020hrs
Patient-centred Monitoring in Chronic Disease Management in the Community Pharmacy  
Martina Muscat

1030hrs
Glucagon use in Paediatric Type 1 Diabetic Patients: An Innovative Approach to Improve Outcomes  
Danika Agius Decelis

1040hrs
Creating Shared Care Guidelines for Breast, Colon and Prostate Cancer  
Rebecca Theuma

1050hrs
Pharmacoeconomics of Innovative Medicines in Cardiovascular Disease  
Mark George Cardona

1100hrs
COFFEE BREAK

1130hrs
Pharmacotherapy in the Treatment of Clostridium difficile: Impact on Clinical Practice  
Noelia Holgado Sanchez

1140hrs
Self-management of Insulin in Type I Diabetic Patients  
Khaled Abdelmaula

1150hrs
Pharmaceutical Issues and their Impact on the Efficacy and Safety of Biosimilar Therapeutic Products  
Mark Cilia

1200hrs
Optimising Patient Self-Medication Through the Community Pharmacist  
Andrew Fenech

1210hrs
Classification of Herbal Medicinal Products: What is Safe for the Patient?  
Alexandra Curmi
1220hrs
Reducing Medication Errors Through Better Prescribing
Clifton Curmi

1230hrs
Risk Assessment of Medication Safety in Pharmacotherapeutic Practice
Richard Despott

1240hrs
Detecting Signals of Electrocardiogram QT Interval Prolongation and QT Shortening from Pre and Post Authorisation Data: Regulatory Implications
Amy Tanti

1250hrs
Evolvement of EU Regulations on Innovative Medicines
Roberta Agius

1300hrs
Therapeutic and Economic Implications of Regulating Stem Cell Therapy and Blood Components
Alison Attard

1310hrs
The Implication of Monitoring Tumour Markers: A Personalised Medicine Approach
Charyl Fava

1320hrs
Serum Digoxin Determinations: Clinical Signals
John Vella

Tuesday 7 March

0915hrs
Opening Session
Oral Communication Session: Pharmaceutical Care

0920hrs
Pharmacist Intervention in Improving Compliance in Patients with Heart Failure
Rebecca Bugeja

0930hrs
Improving Monitoring of Rheumatology Patients Across Transitional Care Settings
Jonathan Vella

0940hrs
Development and Evaluation of Shared Paediatric Pharmaceutical Care Plans in Rheumatoid Arthritis
Julian Frederick John Fearne
0950hrs
Development of Rheumatology Shared Care Guidelines: Improving Transitional Care
Daniel Joseph Grixti

1000hrs
COFFEE BREAK

Oral Communication Session: Pharmaceutical Technology

1030hrs
The Maltese Patient’s Perspective Regarding Access to Medicine in the National Health System
Stephania Baldacchino

1040hrs
Pharmacist Perception of Access to Medicines in the National Health Service in Malta
Kurt Micallef

1050hrs
IT Systems and Statistics at the National Pharmaceutical Level in Malta
Alex Psaila

1100hrs
Entry Barriers of Medicines into the Maltese National Formulary
Abigail Bezzina

1110hrs
The Effects of Brexit on Pharmaceutical Systems
Erika Mifsud

1120hrs
Analysis of Corrections Following Regulatory Inspections
Andrew Debono

1130hrs
Reporting of Side-effects
Andrew Cauchi

1140hrs
Originators and Generics in the Community Pharmacy
Tiziana Vella

1150hrs
Legislation on Child Resistant Packaging
Anderson Liew

1200hrs
Herbal Teas: Assessing the Importance of Herbal Tea Products on the Local Market
Maria Calleja
1210hrs
The Consistency of Herbal Teas: How do the Preparation Parameters Affect the Constitution of the Infusion?
Nicholas Rapa

1220hrs
Polyphenolic and Antioxidant Activity of the Local Carob
Luca Galea

1230hrs
Dermocosmetics Seminar: Principles of Dermo-Cosmetics: Advice to Patients

Wednesday 8 March

0915hrs
Opening Session
Oral Communication Session: Pharmacy Information, Pharmacy Administration and Regulatory Affairs

0920hrs
Development of a Self-evaluation Validation Process for Community Pharmacy
Hannah Flynn

0930hrs
Challenges Facing Regulatory Science in Medical Devices
Jasmine Marie Gauci

0940hrs
Strategic Analysis for Sustainable Pharmaceutical Procurement
Caroline Muscat

0950hrs
Student Perception of the Pharmacy Practice Resource Unit
Francesco Cassar

1000hrs
COFFEE BREAK

Oral Communication Session: M.Sc

1030hrs
Synthetic Drugs: The Latest Development in the War against Drugs
Kristina Barbara
1040hrs
Insulin Pump Therapy – A Pharmacoeconomic Study
Mariella Mercieca

1050hrs
Analysis of Heavy Metal Content in Conventional and Herbal Toothpaste available in Maltese Pharmacies
Andrew Vella

1100hrs
Consumption of Heavy Metal and Hydroxymethylfurfural (HMF) in Infancy: Analysis of Infant Foods and Formulae
Christian Vella

1110hrs
Risk Management in the Manufacture of Solid Oral Dosage Forms
Mark Sean Zammit

Thursday 9 March

0915hrs
Opening Session
Oral Communication Session: Medicinal Chemistry I

0930hrs
Compilation, Validation and Evaluation of a 2D/3D Molecular Database as an adjunct to Didactic Teaching Modalities
Gabriella Sultana

0940hrs
Design and Optimisation of Novel Efflux Pump Inhibitors using P-glycoprotein as a Target
Mark Joseph Bondin

0950hrs
Design and Optimisation of RAS Inhibitors using the Polyphenolic Extracts of Green Tea as a Scaffold
Stephanie Cassar

1000hrs
Design and Optimisation of K-Ras protein Inhibitors as Anticancer Agents using Deltarasin as a Case Study
Martina Woods

1010hrs
Design and Optimisation of Novel Antibacterial Compounds using Allicin as a Lead Molecule
Nathaniel Refalo
1020hrs
Drug Design and Optimisation of Adenosine A2A Receptor Modulators using Caffeine and Limonene as Lead Molecules
Danica Micallef

1030hrs
COFFEE BREAK

Poster Discussion Session: Pharmaceutical Care

1100hrs
Pharmaceutical Care Processes in Psychiatric Institutions
Roberto Briffa

1105hrs
Pharmacist Intervention in Ambulatory Care of Older Persons
Rebecca Zammit

1110hrs
Patient Management with use of Lithium
Julia Pirotta

1115hrs
Use of Medicines in Older Patients in Long-term Care Facilities
Tiziana Fenech Caruana

Poster Discussion Session: Pharmacy Administration and Regulatory Affairs

1120hrs
Medicine Use and Access Intelligence
Stefan Cassar

1125hrs
Registration of Medicines
Francesca Cilia

1130hrs
Pharmacovigilance
Philip Paris

1135hrs
Dermocosmetics Seminar: Principles of Dermo-Cosmetics: Advice to Patients
Friday 10 March

0915hrs
Opening Session
Oral Communication Session: Medicinal Chemistry II

0930hrs
Design and Optimisation of Novel Structures with Potential Anti-tumorigenic Activity using the Experimental Drug NPI-0052 as a Lead Molecule
Daniel Chetcuti

0940hrs
Evaluation of the Affinity of the Small Molecule Maltanedienol for Farnesyl Pyrophosphate Synthase and the Design of Novel Structures based on its Scaffold
Andy Vince Falzon

0950hrs
Design and Optimisation of Histone Deacetylase Inhibitors as Anticancer Agents using Diallyl Disulphide as a Case Study
Matthew Zarb

1000hrs
COFFEE BREAK

Poster Discussion Session: Medicinal Chemistry

1030hrs
In silico Design of Epigallocatechin-3-gallate (EGCG) and Genistein Analogs as Inhibitors of Histone Deacetylases (HDACs) for the Management of Tumour Growth
Luke Xuereb

1035hrs
In silico Design of Phytoalexin Resveratrol Polyphenolic Analogs as Inhibitors of Histone Acetyltransferase for the Management of Tumour Growth
Rebecca Hammett

1040hrs
In silico Interaction of Oleuropein and Lisinopril with the MMP-9 Receptor for the Management of Breast Cancer and Alzheimer’s Disease
Matthias Karl Farrugia

1045hrs
In silico Design of Novel Poly (ADP-ribose) Polymerase Inhibitors using Olaparib as Lead Molecule
Christopher Muscat
1050hrs
In silico Design of Polyphenolic Flavonoid Quercetin Analogs as Inhibitors of Histone Deacetylase and Histone Acetyltransferase for the Management of Tumour Growth
Durston Delia

1055hrs
Identification of Novel Structures Capable of Modulating Leishmania Kinases for the Treatment of Leishmaniasis
Yasmin Caruana

1100hrs
Closing Ceremony

Third Year Student Projects

Pharmacist Services in Community Pharmacies
Rand Abdulrahman

Drug Shortages and Economic Impact
Charlene Bartolo

Dosage Forms and Medicine Acceptability
Maria Bartolo

Rational Design of Structures Capable of Modulating Liver X Receptors (LXRs) for the Management of Pancreatic Cancer using the agonist GW3965 scaffold as a Lead Molecule
Nicole Bonello

Professional Development Programmes for Pharmacists
Catherine Busuttil

Formulary for Non-BNF cited Products
Renita Busuttil

Forensic Pharmacy: Drugs and Driving
Abigail Calleja

Health Economic Study of the use of Warfarin
Grazielle Camilleri
Design of Novel Protein Kinase Inhibitors Using the Naturally Occurring Isojacareubin Scaffold as a Lead for the Management of Solid Tumours

Jeanelle Caruana

Chronopharmacology in Obesity

Onyinyechi Chesa

Forensic Pharmacy: Drug Testing

Michaela Cini

Design of Novel Structures Capable of Modulating the Steroid Receptor Co-activator (SRC) for the Management of Neoplastic Disease

Ruth Fiorentino

Seamless Pharmaceutical Care in the Management of Rheumatoid Arthritis

Francesca Galea

3D Printing and Pharmaceutical Dosage Forms

Christopher Johnson

Design of Novel Protein Kinase Inhibitors Using the Naturally Occurring Staurosporine Scaffold as a Lead for the Management of Solid Tumours

Elena Mallia

Targeting the Kappa Opioid Receptor (KOR) in the Treatment of Addiction

Maria Mangion

Pharmacist Prescribing and Point-of-care Testing

Tricia Micallef

Rational Design of Novel Androgen Receptor Inhibitors Using the Experimental Small Androgen Receptor Modulators (S)-11 and (R) -9, and R-bicalutamide Scaffolds as Lead Molecules for the Management of Prostate Cancer

Simona Neykova

Targeting the BCL-2 Receptor in the Management of Leukaemia and Other Solid Tumours

Yvonne Savona Ventura

Point-of-care Haemoglobin Measurement

Martina Scicluna
Rational Design of Partial PPAR-γ' Agonists Using the Synthetic Analog of Tetrahydrocannabinol (THC), Ajulemic acid (AJA) Scaffold as Lead Molecule for the Management of Diabetes Mellitus and Inflammatory Conditions

*Kirby Zammit*

Medicine Reconciliation at Discharge

*Thomas Zammit*

Pharmacist-led Management of Insulin Therapy

*Jessica Zarb*

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**Second Year Student Projects**

Rational Design of Novel Acid Ceramidase Inhibitors for the Management of Melanoma

*Gabriel Abela*

Rational Design of Novel Structures Based on the PZM21 Scaffold, Capable of μ-opioid Receptor (MOR) Modulation for the Management of Pain

*Stephanie Attard*

Pharmacist-recommended Medicines for Paediatric Patients

*Chiara Baldacchino*

Rational Design of Glutathione-S-Transferase Pi1 (GSTP1) Antagonists Based on the Novel LAS17 Scaffold for the Management of Triple Negative Breast Cancer

*Gabriel Borg*

Rational Design of Proto-Oncogene Tyrosine-Protein Kinase SRC Antagonists Based on the Novel ECF506 Scaffold for the Management of Breast Cancer

*Lara Marie Busuttil*

Rational Design of Dual PPARγ and α Agonists Based on the Novel SR10171 Scaffold for the Management of T2DM and Osteoporosis

*Justin Cassar*

Use of Antibacterial Drugs in the Intensive Care Unit

*Julia Catania*
Rational Design of Novel Structures Based on the Leiodermatolide Scaffolds Capable of Inhibiting Tubulin for the Management of Pancreatic Cancer

_Graziella Chetcuti_

Rational Design of Novel Molecules Based on the AR-42 Scaffold for the Management of Cancer Associated Cachexia

_David Gatt_

Use of Novel UM-164 Scaffold to Probe the Tyrosine-Protein Kinase SRC Receptor for the Rational Design of Antagonist Molecules Capable of Mitigating Metastatic Triple Negative Breast Cancer

_Thomas Sammut_

Rational Design of Novel Structures Based on the Fluphenamic Acid and Glibenclamide Scaffolds for the Identification and Design of Novel Structures Capable of Inhibiting the AKR1C1 Receptor for the Treatment of Bladder Cancer

_Matthew Scicluna_

Rare Diseases and Orphan Medicines

_Sharon Vassallo_

Determination of Orthoesterification Mechanisms in Drug Synthesis

_Maria Xiberras_

Use of Newer Generation Statins in Cardiovascular Disease

_Maïa Zarb_