Pharmacy Symposium 2016

29 February-4 March 2016

Aula Magna, Valletta Campus
University of Malta

Programme

Oral Communication Sessions

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 29 February

9:00  Opening Ceremony

Oral Communication Session: Pharmaceutical Care

10:10  Risks of drug induced effects and hospital admissions  
       Nicola Farrugia
10:20  Risks in medication reconciliation during hospital admission  
       Tresha Emelene Formosa
10:30  Pharmacist prescribing in a hospital setting  
       Abigail Aquilina
10:40  Pharmacist intervention in multidisciplinary tasking of cancer patients  
       Ann Camilleri
10:50  Improving compliance in psychiatric patients  
       Estelle Borg Falzon

11:00  Coffee Break

Oral Communication Session: Pharmaceutical Technology

11:30  Anti-counterfeiting and safety packaging in tablets  
       Celine Psaila
11:40  Child resistance and senior friendly packaging  
       Lara Sciberras
11:50  Medicine management processes on hospital wards  
       Stephanie Wonnacott
12:00  Access to medicines in the national formulary  
       Chiara Scerri Herrera
12:10  Access to medicines in small countries  
       Yana Chircop
12:20 Cost and access to medicines in the health system  
   Mandy Muscat

12:30 Information technology in the pharmaceutical industry  
   Steven James Schiavone

12:40 Pharmacoeconomics: Human resources and turnover  
   Luke Farrugia

12:50 Qualification of a water system  
   Noeleene Mangion

13:00 Risk and temperature control in community pharmacies  
   Cristina Miceli

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Tuesday 1 March

9:15 Opening Session

Oral Communication Session: Pharmacotherapy

9:30 Awareness and economic implications of HPV vaccination  
   Bettina von Brockdorff

9:40 Pharmacist-led adherence clinics for lymphoma and congestive heart failure patients  
   Jessica Vella

9:50 Patient safety in the use of NSAIDs  
   Jessica Nicolette Farrugia

10:00 Effect of treating sleep apnoea on other co-morbidities  
   Yanica Cassar

10:10 A pilot study for methadone dispensing from a community pharmacy  
   Mark Caruana

10:20 Use of diuretics in congestive heart failure  
   Katya Xuereb
10:30   Coffee Break

Oral Communication Session: Pharmacy Information

11:00   Update and evaluation of the Maltese Medicines Handbook
        Timothy Scicluna

11:10   Herbal medicines: Development and evaluation of an interactive website
        Justine Borg

11:20   Comparative study of research on medicinal plants carried out in Malta
        Katrina Saliba

11:30   Dissemination of care protocols for community pharmacy
        Kyle Marston

Poster Discussion Session: Pharmaceutical Care

11:40   Monitoring of patients with heart failure
        Rebecca Bugeja

11:45   Patient monitoring of out-patients at the rheumatology clinic
        Jonathan Vella

11:50   Interdisciplinary management of arthritis in children
        Julian Fearne

11:55   Shared care guidelines in rheumatology
        Daniel Joseph Grixti

Poster Discussion Session: Pharmacy Information, Pharmacy
Administration & Regulatory Affairs

12:00   Validation of instruments for community pharmacy: An update
        Hannah Flynn

12:05   Implications of regulation for medical devices
        Jasmine Gauci
12:10  Procurement of medicinal products and medical devices
       Caroline Muscat

12:15  Development and evaluation of the Pharmacy Practice Resource Unit
       Francesco Cassar

12:20  Adverse drug reactions database
       Rachel Gauci

Wednesday 2 March

9:15  Opening Session

Oral Communication: Pharmacy Administration

9:30  Practical implications in shelf-life extension of anticancer admixtures
       Dylan Said

9:40  Proposals for improving medication administration systems at Mount Carmel Hospital
       Nicola’ Xuereb

9:50  Proposals for improving pharmacist and patient satisfaction within the Pharmacy of your Choice
       Hannah Bonnici

10:00 Risk matrix for assessing a temperature control system in a pharmaceutical warehouse
       Matthew Chircop

10:10 Time-motion study of community pharmacy practice
       Andrew Joseph Busuttil

10:20 Proposals for improving pharmacist satisfaction
       Petra Abdilla

10:30  Coffee Break
Oral Communication Session: M.Sc

11.00  Cleaning validation of glassware washer  
        Charlene Apap

11.10  The fair pricing of medicines  
        Kurt Anthony Borg

11.20  Practical pre-requisites for pharmaceutical technology  
        Daniel Degaetano

11:30  Accessibility to medicines: The perception of the pharmaceutical industry  
        Kirsten Mangion

Thursday 3 March

9:15  Opening Session

Oral Communication Session: Industrial Pharmacy, Regulatory Affairs & Clinical Analysis

9:30  Evaluation of the current partial manufacturing process within the Pharmacy of Your Choice  
        Matthew Gatt

9:40  Development of a greener selective acylation method for steroids  
        Darren Cioffi

9:50  Steroid orthoesterification  
        Christopher Davis Mallia

10:00  Feasibility of solvent waste management  
        Shirley Tabone

10:10  Impact of the identifier system on pharmaceutical services  
        Luca Giudice
10:20 Extraction and analysis of antibiotics from biological fluids

Maria Vella

10:30 Coffee Break

Oral Communication Session: Medicinal Chemistry I

11:00 Optimisation of *in silico* Designed Fatty Acid Synthase Modulators Derived from the Lead Molecule Orlistat

Ramon Sciberras

11:10 Evaluation of the Utility of the aminopiperazinone, aminoimidazole and aminoquinazoline Scaffolds as Leads in β-secretase Modulation for the Management of Alzheimer’s Disease

Luke Borg

11:20 Evaluation and Optimisation of *in silico* designed A2A Adenosine Receptor Antagonists for the Treatment of Parkinson’s Disease

Yana Vella

11:30 Evaluation and Optimisation of *in silico* designed PDE4 Receptor Modulators

Daniel Attard

11:40 Evaluation and Optimisation of *in silico* Designed β-Secretase Modulators for the Treatment of Alzheimer’s Disease

Keith Xuereb

11:50 Evaluation and Optimisation of *in silico* designed Sphingosine-1-Phosphate (S1P) Receptor Modulators for the Management of Multiple Sclerosis

Daphne Gusman

Poster Discussion Session: Medicinal Chemistry I

12:00 Compilation and evaluation of a Two/Three-Dimensional molecular database as an adjunct to didactic teaching modalities

Gabriella Sultana
12:05  Design of novel efflux pump inhibitors using P-glycoprotein as a target

Mark Joseph Bondin

12:10  Design of RAS inhibitors using the polyphenolic extracts of green tea as a scaffold

Stephanie Cassar

12:15  Design of K-Ras protein inhibitors as anticancer agents using deltarasin as a case study

Martina Woods

12:20  Design of novel antibacterial compounds using allicin as a lead molecule

Nathaniel Refalo

12:25  Drug Design at the human glucocorticoid receptor

Sean Meachen

Friday 4 March

9:15  Opening Session

Oral Communication Session: Medicinal Chemistry II

9:30  Evaluation of the Utility of the Abiraterone Scaffold as Lead in CYP17A1 Receptor Modulation for the Management of Prostate Cancer

Kurt Degabriele

9:40  Evaluation and Optimisation of in silico designed CYP17A1 Receptor Modulators for the Management of Prostate Cancer

Michael Grima

9:50  Evaluation and Optimisation of in silico designed Non-Steroidal Oestrogen Related Receptor (ERR) a Modulators for the Management of Breast Cancer

Keith Muscat

10:00 Evaluation and Optimisation of in silico designed HIV Reverse Transcriptase Modulators

Marie Mifsud
10.10 Evaluation and Optimisation of *in silico* Designed Oestrogen Receptor Modulators for the Management of Breast Cancer

*Sharon Zammit*


*Althea Marie Xuereb*

10:30 *Coffee Break*

**Poster Discussion Session: Medicinal Chemistry II**

11:00 Drug design at the adenosine A2A receptor using caffeine and limonene as lead molecules

*Danica Micallef*

11:05 Design of novel structures with potential anti-tumorigenic activity using the experimental drug NPI-0052 as a lead molecule

*Daniel Chetcuti*

11:10 Design of histone deacetylase inhibitors as anticancer agents using diallyl disulphide as a case study

*Matthew Zarb*

11:15 Evaluation of the affinity of the small molecule matanedienol for farnesyl pyrophosphate synthase

*Andy-Vince Falzon*

11:20 *Closing Ceremony*
Third Year Student Projects

Pharmaceutical care processes in psychiatric institutions
Roberto Briffa

Identification of novel structures capable of modulating leishmania kinases for the treatment of leishmaniasis
Yasmin Caruana

Medicine use and access intelligence
Stefan Cassar

Registration of medicines
Francesca Cilia

In silico design of polyphenolic flavonoid quercetin analogs as inhibitors of histone deacetylase and histone acetyltransferase for the management of tumour growth
Durston Delia

In silico interaction of oleuropein with the MMP-9 receptor for the management of breast cancer and alzheimer's disease
Matthias Karl Farrugia

Use of medicines in older patients in long-term care facilities
Tiziana Fenech Caruana

In silico design of phytoalexin resveratrol polyphenolic analogs as inhibitors of histone acetyltransferase for the management of tumour growth
Rebecca Hammett

In silico design of novel poly (ADP-ribose) polymerase inhibitors using olaparib as lead molecule
Christopher Muscat

Pharmacovigilance
Philip Paris

Patient management with use of lithium
Julia Pirotta
In silico design using the polyphenolic molecules epigallocatechin-3-gallate and genistein as inhibitors of histone deacetylases for the management of tumour growth
   Luke Xuereb

Pharmacist intervention in ambulatory care of older persons
   Rebecca Zammit

Second 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
   Nicole Bonello

Professional development programmes for pharmacists
   Catherine Anne 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 in 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 Maria 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 Naturally Occurring Lycopene Scaffold as a Lead Molecule for the Management of Prostate Cancer
Simona Svetlozarova 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 PPARg Agonists Using the Synthetic Analog of Tetrahydrocannabinol (THC), Ajulemic acid (AJA) Scaffold as Lead Molecule for the Management of Diabetes Mellitus and other Inflammatory Conditions
Kirby Zammit

Medicine reconciliation at discharge
Thomas Zammit

Pharmacist-led management of insulin therapy
Jessica Zarb