Pharmacy Symposium 2015

2-6 March 2015

Aula Magna, Valletta Campus
University of Malta

Programme

Oral Communication Sessions

M.Pharm. 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 2 March

9:00  Opening Ceremony

10:00  Dr Dirk van Lith, The Netherlands

Oral Communication Session: Pharmaceutical Care

10:20  Development and patient evaluation of a Medicines Use Review framework  
       Matthew Camilleri

10:30  Comparison of patient knowledge regarding diabetes between health centre  
       patients and the central Diabetic Clinic at Mater Dei Hospital  
       Leanne Bason

10:40  Difference in anti-depressant prescribing trends between general practitioners  
       and psychiatric specialists  
       Deborah Camilleri

10:50  Dietary practices in cardiac patients  
       Francesca Attard Baldacchino

11:00  Coffee Break
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30</td>
<td>Risk in Pharmaceutical Processes</td>
<td>Diane Camilleri</td>
</tr>
<tr>
<td>11:40</td>
<td>Procurement of Medicinal Products in Government Health Services</td>
<td>Nicolette Bezzina</td>
</tr>
<tr>
<td>11:50</td>
<td>Medicine Reimbursement Systems</td>
<td>Cherieanne Giles</td>
</tr>
<tr>
<td>12:00</td>
<td>E-Pharmacy services</td>
<td>Mark Zammit</td>
</tr>
<tr>
<td>12:10</td>
<td>Pricing of Medicines</td>
<td>Dillon Attard</td>
</tr>
<tr>
<td>12:20</td>
<td>Packaging and labelling in Parallel Importation of Medicinal Products</td>
<td>Valerie Mifsud</td>
</tr>
<tr>
<td>12:30</td>
<td>Packaging and labelling in Partial Manufacturing within the POYC scheme</td>
<td>Melissa Ceci</td>
</tr>
</tbody>
</table>
Tuesday 3 March

9:15   Opening Session

Oral Communication Session: Pharmacotherapy

9:30   Management of chemotherapy side effects in breast cancer patients  
       Danika Caruana

9:40   Chronopharmacology of valsartan and amlodipine  
       Sephorah Falzon

9:50   Chronopharmacology of prednisolone in rheumatoid arthritis  
       Christine Attard

10:00  Once daily gentamicin dosing in the Intensive Therapy Unit  
       Annalisa Thake

10:10  Patient controlled analgesia in post-caesarean section  
       Deborah Mangion

10:20  The status of buprenorphine use in Malta compared to methadone  
       Maria Pace

10:30  Coffee Break

Oral Communication Session: Pharmacy Protocols

11:00  Evaluation of prophylactic practice for venous thromboembolism  
       Jeanine Grech

11:10  Pharmacist prescribing frameworks for ophthalmic and skin conditions  
       Gianella Casha

11:20  Developing and auditing Standard Operating Procedures for community pharmacies  
       Michelle Cassar
Oral Communication Session: Pharmacy Information

11:30  Attitudes and knowledge of parents on vaccinations
       Maria Galea

11:40  Evaluating requests for advice from community pharmacists
       Lisa Warrington

11:50  Veterinary Medicine: A guidebook for pharmacists and pet owners
       Annalise Attard

12.00 Evaluation of the Journal of EuroMed Pharmacy
       Joseph Abela

Poster Discussion Session: Pharmacotherapy

12:10  Association of medicinals to sleep apnoea
       Yanica Cassar

12:15  Use of NSAIDs
       Jessica Farrugia

12:20  HPV vaccination
       Bettina von Brockdorff

Poster Discussion Session: Pharmaceutical Care

12:25  Drug induced effects and hospital admissions
       Nicola Farrugia

12:30  Medication reconciliation during transfer of care
       Tresha Formosa

12:35  Multidisciplinary tasking in cancer patient management
       Ann Camilleri

12:40  Pharmacist-led adherence clinics for chronic conditions
       Jessica Vella

12:45  Pharmacist intervention in the use of diuretics
       Katya Xuereb

12:50  Use of compliance aid devices: psychiatry
       Estelle Borg Falzon
Wednesday 4 March

9:15  Opening Session

Oral Communication: Pharmacy Administration

9:30  Evaluating knowledge available to the public on women’s health
      Nicola Warrington

9:40  Evidence-based standards for clinical pharmacy practice
      Jessica Attard

9:50  Evaluating use of technology to support shared care
      Analise Said

10.00 Comparison between oncology medicinal products in the Government Formulary
     in Malta and other European countries
     Alexandra Cachia

10.10 A glossary for risk management terminology in pharmacy
        Matthew Manfre

10:20 Medication compliance in paediatric and elderly patients
        Clarissa Rizzo

10:30 Coffee Break
Oral Communication: Industrial Pharmacy and Regulatory Affairs

11.00  Self-auditing in good distribution practice  
Stephen Bartolo

11.10  Regulatory challenges and innovations in a small market state from a regulator’s point of view  
Benjamin Micallef

11.20  Business plan for an eco-friendly mini-scale production facility  
Maria Mercieca

11:30  Factors influencing synthesis of steroids  
Conrad Cassar

Oral Communication Session: M.Sc.

11.40  The use of internet pharmacies by Maltese patients  
Elaine Gatt Baldacchino

11.50  Availability of medicinals on the local market as effected by regulation  
Anna Maria Cassar

12.00  Applying quality systems to computerised stock management systems  
Joseph Giglio

12.10  Proposing guidelines for responsible person eligibility in Malta  
Simon Corrieri

12.20  Evaluation of after hours pharmaceutical services in a general hospital  
Jeffrey Cassar

12.30  The impact of pharmacist advice on metabolic syndrome  
Stephanie Magro

12.40  Pharmacist intervention in psychiatry patients ‘On Leave’  
Maria Mamo
Thursday 5 March

9:15 Opening Session

Oral Communication Session: Medicinal Chemistry and Drug Design I

9:30 Design and Optimisation of Novel Structures Capable of Epidermal Growth Factor Inhibition for the Management of Neoplastic Disease
Marie Claire Farrugia

9:40 Design and Optimisation of Novel Anti-Prostate Cancer drugs Capable of CYP17A1 Receptor Modulation Using Galeterone as a Lead Molecule
Marie Claire Bonanno

9:50 Design and Optimisation of Novel Huperzine A Analogues capable of Modulating the Acetylcholinesterase Receptor for the Management of Alzheimer’s Disease
Sara Bonavia

10:00 Design and Optimisation of Novel Structures Capable of Modulating a Homology Model of the Human M1 Receptor for the Management of Alzheimer’s Disease
Neil Bugeja

10:10 Design and Optimisation of Novel Lead Carbonic Anhydrase Inhibitors for the Management of Neoplastic Disease
Jessica Marie Muscat

10:20 Design and Optimisation of Novel Human Dihydrofolate Reductase Inhibitors for the Management of Neoplastic Disease
Graziella Portelli

10:30 Coffee Break
Oral Communication Session: Pharmacoeconomics

11:00 The economics of medicine use in *in vitro* fertilisation

*Christina Abela*

11:10 Cost reduction related to temperature control in community pharmacies

*Kristina Baron*

Poster Discussion Session: Pharmacy Information and Administration

11:20 Evidence based use of herbal medicines

*Justine Borg*

11:25 Medication Administration Systems at MCH

*Nicola Xuereb*

11:30 Pharmacist manpower

*Petra Abdilla*

11:35 Methadone dispensing services

*Mark Caruana*

11:40 POYC where are we going? Patient and pharmacist forum

*Hannah Bonnici*

11:45 Pharmacist services in community pharmacies

*Andrew Busuttil*

11:50 Risk management in the pharmaceutical industry

*Matthew Chircop*

11:55 Professional development of pharmacists

*Amanda Farrugia*

12:00 Use of Protocols in Community Pharmacy

*Kyle Marsten*
12:05  Formulary for non-BNF cited items
       *Timothy Scicluna*

12:10  Argotti Gardens and the use of herbal products
       *Katrina Saliba*

12:15  Pharmacist prescribing
       *Abigail Aquilina*

12:20  Management in chemotherapy admixtures
       *Dylan Said*

**Poster Discussion Session:**

**Industrial Pharmacy, Regulatory Affairs and Clinical Analysis**

12:25  Extraction of drugs from biological fluids
       *Maria Vella*

12:30  Yield in synthesis of APIs
       *Christopher Mallia*

12:35  Quality and safety of pharmaceutical solvents used in the pharmaceutical industry
       *Darren Cioffi*

12:40  Partial manufacturing
       *Matthew Gatt*

12:45  Waste management in pharmaceutical processes
       *Shirley Tabone*

12:50  New Drug Distribution regulations
       *Luca Giudice*
Friday 6 March

9:15 Opening Session

Oral Communication Session: Medicinal Chemistry and Drug Design II

9:30 Design of Novel Structures Capable of Inhibiting *Mycobacterium tuberculosis* Replication Using the Azole Antifungals as Lead Molecules
   Caroline Spiteri

9:40 Design and Optimisation of Novel Antihistaminic Agents Using the Doxepin Scaffold as a Probe
   Rachel Camilleri

9:50 Optimisation of Novel Selective Cyclooxygenase-2 Inhibitors using Resveratrol Analogues as Lead Molecules
   Clarissa Caruana

10:00 Design and Optimisation of Novel Structures Capable of Modulation of a Homology Model of the Human Beta-1 Adrenergic Receptor for the Management of Hypertension
   Astrid Marie Sant

Oral Communication Session: Clinical Analysis

10.10 Risk assessment of the process involved in the preparation of intravenous admixtures in an acute hospital setting
   Diane Saliba

10:20 Use of proton pump inhibitors and effects of amylase and other enzymes
   Ritianne Cassar

10:30 Coffee Break

Poster Discussion Session: Medicinal Chemistry and Drug Design

11:00 Drug Design in order to modulate the PDE4 Receptor
   Daniel Attard
11:05 The design of novel structures with an aminopiperazinone scaffold capable on inhibiting the b-secretase enzyme for the management of Alzheimer’s Disease
Luke Borg

11:10 Design of Novel Anti-Prostate Cancer Drugs which Modulate the CYP17A1 receptor using abiraterone as lead molecule
Kurt Degabriele

11:15 Design of Novel Anti-Prostate Cancer Drugs which Modulate the CYP17A1 receptor using ketoconazole as lead molecule
Michael Grima

11:20 Drug Design at the Sphingosine-1-Phosphate (S1P) receptor for the management of multiple sclerosis
Daphne Gusman

11:25 Drug Design at the HIV Reverse Transcriptase Enzyme
Marie Mifsud

11:30 Design of Novel Non-Steroidal Structures Capable of Antagonism of the Oestrogen Related Receptor (ERR)α for the management of Breast Cancer
Keith Muscat

11:35 Drug Design at the Human Fatty Acid Synthase Enzyme using orlistat as lead molecule
Ramon Sciberras

11:40 Design of novel A2A Adenosine Receptor Antagonists for the treatment of Parkinson’s Disease
Yana Vella

11:45 Drug design at the Angiotensin Converting Enzyme (ACE) using Rubiatriol as lead molecule
Althea Xuereb

11:50 Drug Design at the b-Secretase Enzyme for the Identification of Novel Structures for the Treatment of Alzheimer’s Disease
Keith Xuereb

11:55 Drug Design at the Oestrogen Receptor
Sharon Zammit

12:00 Closing Ceremony
Third Year Student Projects

Design of Novel Efflux Pump Inhibitors using P-glycoprotein as a Target
Mark Bondin

Monitoring of Patients with Heart Failure
Rebecca Bugeja

Development and Evaluation of the Pharmacy Practice Resource Unit
Francesco Cassar

Design of RAS Inhibitors using the Polyphenolic Extracts of Green Tea as a Scaffold
Stephanie Cassar

Design of Novel Structures with Potential Anti-Tumorigenic Activity Using the Experimental Drug NPI-0052 as a Lead Molecule
Daniel Chetcuti

Evaluation of the Affinity of the Small Molecule Maltanedienol for Farnesyl Pyrophosphate Synthase
Andy-Vince Falzon

Interdisciplinary Management of Arthritis in Children
Julian Fearne

Validation Instruments for Community Pharmacy: An Update
Hannah Flynn

Implications of Regulation for Medical Devices
Jasmine Marie Gauci

Shared Care Guidelines in Rheumatology
Daniel Joseph Grixti
Drug Design at the Human Glucocorticoid Receptor  
Sean Meachen

Drug Design at the Adenosine A$_{2A}$ Receptor using Caffeine and Limonene as Lead Molecules  
Danica Micallef

Procurement of Medicinal Products and Medical Devices  
Caroline Muscat

Design of Novel Antibacterial Compounds Using Allicin as a Lead Molecule  
Nathaniel Refalo

Compilation and Evaluation of a Two/Three-Dimensional Molecular Database as an Adjunct to Didactic Teaching Modalities  
Gabriella Sultana

Patient Monitoring of Out-Patients at the Rheumatology Clinic  
Jonathan Vella

Design of K-Ras Protein Inhibitors as Anticancer Agents using Deltarasin as a Case Study  
Martina Woods

Design of Histone Deacetylase Inhibitors as Anti-Cancer Agents using Diallyl Disulphide as a Case Study  
Matthew Zarb
Second Year Student Projects

Pharmaceutical Care Processes used in Psychiatric Institutions
Roberto Briffa

Health Economic Study of the Use of Warfarin
Grazielle Camilleri

Identification of Novel Structures Capable of Modulating Leishmania Kinases for the Treatment of Leishmaniasis
Yasmine Caruana

Medicine Use and Access Intellengence
Stefan Cassar

Clinical Assessment for Registration of New 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 Diallyl disulphide Analogs as Inhibitors of Histone Deacetylases for the Management of Tumour Growth
Christian Mercieca

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