Pharmacy Symposium 2020
24-28 February 2020

Aula Prima,
Valletta Campus

Programme

Oral Communication Sessions
Doctorate in Pharmacy Third Year Students
MPharm 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 Third Year Students
B.Sc. (Hons) Pharm.Sci Second Year Students
Monday 24 February

09.00  Opening Session

Oral Communication Session: Doctorate in Pharmacy

10.15  Streamlining and Sustainability of POYC Scheme which Ensures Patient Access to Medications  
       Stephanie Cassar

10.25  Comparative Analysis of Clinical Reasoning and Decision-making of Community Pharmacists during Dispensing in Malta and the Philippines  
       Arianne Diane Aninon

10.35  Attitudes and Beliefs of Patients towards Community Pharmacy Services  
       Marie Josette Parnis

10.45  Innovative Regulatory Framework in Community Pharmacy  
       Marina Langaro

11.00  COFFEE BREAK

11.30  Drug Intelligence and Access to Medicine  
       Caroline Muscat

11.40  Drug Dosing in Patients with Renal Impairment  
       Kairi Marlen Antoniak

11.50  Pharmacists' Interventions in Chronic Obstructive Pulmonary Disease related Hospital Readmissions  
       Daniel Joseph Grixti

12.00  Pharmacogenetics in Clopidogrel Use  
       Sara Osama

12.15  Closing
## Tuesday 25 February

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<td>09.20</td>
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<td>Pharmacovigilance within a Centralised Procurement System</td>
<td>Annabelle Ribo</td>
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<td><strong>Medical Devices: Patient Safety</strong></td>
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<td><strong>Regulation of Medical Devices in Europe and Africa</strong></td>
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<td>Gloria Dusabe</td>
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<td>10.00</td>
<td><strong>Delivery of Medicinal Cannabis</strong></td>
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<td>Ceren Bereketoğlu</td>
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<td>10.10</td>
<td><strong>Regulatory Policies, Education and Training in Veterinary Pharmaceutical Sciences</strong></td>
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<td>Dianne Butler</td>
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<td><strong>Oral Communication Session: MPharm: Pharmaceutical Care</strong></td>
<td>Comparative Analysis of Lipid Profile Management in Ischaemic Heart Disease</td>
<td>Maia Zarb</td>
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<td>11.10</td>
<td><strong>Trends in Antibacterial Drug Consumption in the Intensive Care Unit</strong></td>
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<td>Julia Catania</td>
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<td>11.20</td>
<td><strong>Analysis of Patient Drug Usage Trends in the POYC Scheme</strong></td>
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<td>John Bryan Ruba</td>
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<td>11.30</td>
<td><strong>Risk Identification through Medication Review</strong></td>
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**Oral Communication Session MPharm: Pharmacy Administration**

11.40  **Comparison of Prices of Originator and Generic Medicines**  
*John Omanda*

11.50  **Comparison of Prices of Medicines**  
*Emilija Kochova*

12.00  **Meeting Educational Needs of Pharmaceutical Stakeholders: Community Practice**  
*Dijana Bibic*

12.10  **Meeting Educational Needs of Pharmaceutical Stakeholders: Pharmaceutical Operators**  
*Jaycerie Joy Amar*

12.20  **Meeting Educational Needs of Pharmaceutical Stakeholders: Veterinary Medicine**  
*Jimenoise Borra*

12.30  **Closing**

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**Wednesday 26 February**

09.15  **Opening Session**

**Oral Communication Session: MPharm: Pharmacy Analysis and Regulatory Affairs**

09.20  **Cobalt Chloride coupled with UV/Vis Spectroscopy in the Determination of Water Content**  
*Maria Xiberras*

09.30  **Justification for Applying Article 20**  
*Yvette Anne Patrocinio*

09.40  **FMD: Challenges Faced by Small Member States**  
*Danielle Claire Almojero*
09.50  Cannabis for Veterinary Use  
       Lovely Lynne Gallo

10.00  Access to Pharmacist–Recommended Medicines for Paediatric Patients  
       Chiara Baldacchino

10.10  Development of a Register for Rare Diseases  
       Sharon Vassallo

10.20  Accessibility to Generic Medicines on the Maltese Market  
       Louella Bianca Ignas

10.30  COFFEE BREAK

Poster Discussion Session: Pharmacy Practice

11.00  Outcomes of Pharmacist-Led Medication Use Review for Patients with Respiratory Disease  
       Christy Caruana

11.05  Outcomes of Pharmacist-Led Medication Use Review for Diabetics  
       Mathea Montebello

11.10  Patient Education and Medication Compliance in Osteoporosis  
       Michaela Vella

11.15  Smoking Cessation in Post-Hospitalisation Rehabilitation  
       Gabrielle Scicluna

11.20  Pharmaceutical Interventions During Labour  
       Rebecca Marie Falzon

11.25  Pharmaceutical Care Interventions in Obstetrics and Gynaecology  
       Naomi Fiteni

11.30  Pharmaceutical Care in Paediatric Oncology  
       Sarah Marie Falzon

11.35  Pharmaceutical Care for Stem Cell Transplant Patients  
       Krysta Cutajar
11.40  Evaluation of Anaesthetic Drugs in the Intensive Therapy Unit  
       *Julia Micallef*

11.45  Risk-Based Processes in Pharmacy Practice  
       *Emily Magro*

11.50  The Unique Identifier on Drug Products  
       *Mireille Debono*

11.55  Cultivation and Analysis of Cannabis  
       *Miriana Cachia*

12.00  Risk of Cannabis for Medical Use  
       *Michael Cini*

12.05  Closing

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**Thursday 27 February**

09.15  Opening Session

**Oral Communication Session: MPharm: Medicinal Chemistry**

09.20  Design and Optimisation of Novel Acid Ceramidase Inhibitors  
       *Gabriel Abela*

09.30  Design and Optimisation of μ-opioid Antagonists Based on the PZM21 Scaffold  
       *Stephanie Attard*

09.40  Design and Optimisation of Glutathione-S-Transferase Pi1 Antagonists Based on the Novel LAS17 Scaffold  
       *Gabriel Borg*
09.50 Design and Optimisation of Proto-Oncogene Tyrosine-Protein Kinase SRC Antagonists Based on the Novel ECF506 Scaffold
Lara Marie Busuttil

10.00 Design and Optimisation of Dual PPARγ/α Agonists Based on the Novel SR10171 Scaffold
Justin Cassar

10:10 Design and Optimisation of Novel Structures Based on the Leiodermatolide Scaffold Capable of Tubulin Inhibition
Graziella Chetcuti

10:20 Design and Optimisation of Novel Histone Deacetylase inhibitors based on the AR-42 Scaffold
David Gatt

10.30 Design and Optimisation of Tyrosine-Protein Kinase SRC Inhibitors Based on the UM-164 Scaffold
Thomas Sammut

10.40 Repurposing Fluphenamic Acid and Glibenclamide for the Design and Optimisation of AKR1C1 Receptor Inhibitors
Matthew Scicluna

11.00 COFFEE BREAK

Poster Discussion Session: Medicinal Chemistry

11.30 Repurposing the Methotrexate Scaffold to Design Novel Janus Kinase Inhibitors
Francesca Borg

11.35 Repurposing the Anthelmintic Drug Niclosamide for the Rational Design of pten-induced Putative Kinase 1 Agonists
Abigail Buttigieg

11.40 Identification of Potential Endogenous Targets for Maltanedienol
Ella Coppini
11.45  Rational Design of Phosphoinositide 3-Kinase Modulators  
Hannah Coppini

11.50  Design of BRD9 Receptor Antagonists Based on the BI-7273 Scaffold  
Paula Gambin

11.55  Design of Androgen Receptor Inhibitors Using the Naturally Occurring Capsaicin Scaffold as Lead Molecule  
Johan Grech

12.00  Design of BU10119 Analogs for the Management of SSRI Refractory Depression  
Matthew Grech

12.05  Rational Design of 6-Phosphogluconate Dehydrogenase Inhibitors Using Parietin, and its Semi-Synthetic Derivative S3 Scaffolds as Lead Molecules  
Daniel Sinagra

12.10  Simplification of the Experimental Molecule FR900359  
Brandon Sultana

12.15  Rational Design of Glutaminase c Modulators  
Lara Zammit

12.30  Closing

Friday 28 February

09.15  Opening Session

Oral Communication Session: Pharmaceutical Technology

09.20  Medicines Shortages: Improving the System  
Stephanie Portelli

09.30  Pharmacogenetics in Drug Development  
Anthea Micallef
09.40  Point-of-Care Medical Devices in Cardiac Disease Diagnostics and Monitoring  
Naomi Delia

09.50  Regulatory Aspects of Radiopharmacy  
Katrina Frey

10.00  Evaluation of a Medical Device Formulary  
Maria Giovanna Galea

10.10  The Pharmaceutical Industry: A Risk Landscape  
Matthew Barbara

10.20  Innovations to Pharmaceutical Packaging  
Daniel Grech

10.30  COFFEE BREAK

11.00  Advances in Anti-Counterfeiting of Pharmaceutical Packaging  
Adriana Spiteri

11.10  Cannabis for Medicinal Use  
Ayrton Barbara

11.20  Analysis of Medicinal Cannabis  
Kurt Axisa

11.30  Clinical Trials with Medicinal Cannabis  
Bernice Baldacchino

11.40  Closing Ceremony
Third Year Student Pharmacy Practice Projects

Pharmacy Evolvement and Workforce Development
Nicole Agius Markham

Perception of Green Practices in Community Pharmacy
Michaela Baldacchino

Evolvement of Systems for the POYC Scheme
Luke Cassar

Facing Brexit: The Impact of Medicines
Andrew Felice

Radiopharmaceuticals
Yasmine Fenech

Development of a Quality System for the Analysis of Medicinal Cannabis
Oksana Friggieri

Point-of-Care Testing for Infections
Laurent Joseph Grech

Direct Acting Oral Anticoagulants in Older Patients
Kevin Kirkop

Myths, Science and Realities of Medicines Wastage
Roderick Micallef

Biosimilars: Perception and Awareness among Healthcare Professionals
Sephora Scicluna Bugeja

Consumer Perception of Risk of Pharmacist Prescribing
Emma Theuma

Clinical Audit of Pharmacotherapy in the Management of Hypertension
Francesca Vassallo

Notified Bodies for Medical Devices
Mariah Vella
Second Year Student Pharmacy Practice Projects

Ethical Principles in the Provision of a National Health Service for Medicines
Aaron Ryan Bartolo

Clinical Presentation and Impact of Statin-Associated Muscle Symptoms
Jean-Claude Calleja

Educating the Public on the Rational Use of Antibiotics
Hannah Caruana

Time and Motion Studies in Community Pharmacy
Sophie Caruana

Characterisation of Patients' Requests when Responding to Symptoms
Miriana Cassar

Pharmacogenetics and Chronopharmacology in Practice
Kimberly May Catania

Maltese Medicines Handbook and other Drug Information Sources
Luca Farrugia

Identifying Needs for Education and Development of the Pharmaceutical Workforce
Martina Fitzgerald

Antiplatelet Therapy Prescribing in Patients with High Bleeding Risk Undergoing Coronary Stenting
Raquel Formosa

Deprescribing Proton Pump Inhibitors in the Older Population
Stephanie Formosa

Risks of Inappropriate Prescribing in a Community Pharmacy Setting
Philippa Galea Salomone

Monitoring Drug Levels in Biological Fluids
Kimberly Grima

Quality Control of Cannabis Products
Julian Mifsud
Relevance of ISO Standards
Timothy Portelli

Quality Systems for Community Pharmacy
Alessia Stivala

Competences required for a Responsible Person and for a Qualified Person
Alex Xuereb

CE Marking of Products for Medical Use
Nicole Xuereb

Labelling and Language Requirements for Product Information for Medicinal Products
Tiffany Zammit

Third Year Student Computational Chemistry Projects

Probing the Thioredoxin Reductase Ligand Binding Pocket Computationally
Nicole Agius Markham

Gephyrin Modulation using the Artemisinins- A Rational Drug Design Study
Michaela Baldacchino

Design and Identification of Selective FLT3 Inhibitors for the Management of Acute Myeloid Leukaemia
Luke Cassar

Drug Design at the Cdk6 Receptor using Palbociclib as a Lead
Andrew Felice

Repurposing Efavirenz as a CYP46A1 Agonist to Decrease Tau Levels- A Viable Route for Alzheimers Disease Management
Yasmine Fenech

Design and Identification of Selective CK2 Inhibitor for Modulation of Circadian Rhythms and Cancer Cell Growth
Oksana Friggieri

Rational Design of HSP70 Inhibitors (For the Treatment of Aggressive Breast Cancer)
Laurent Joseph Grech

Investigating the Role of SITRUIS Computationally in TYPE 2 Diabetes Mellitus
Kevin Kirkop
Rational Design of MEK Inhibitors Using the Experimental TAK-733, and Trametinib and Selumetinib Scaffolds as Lead Molecules for the Management of Neoplastic Disease
Roderick Micallef

Rational Drug Design at the Helicobacter Pylori Carbonic Anhydrase Enzyme
Sephora Scicluna Bugeja

Investigating the Role of Nutlin 3 in MDM2 Inhibition
Emma Theuma

Design of MDMX/MDM2 Modulators with Potential in Breast Cancer Treatment
Francesca Vassallo

Rational Design of Novel Neutrophil Elastase Inhibitors for the Management of Muscular Dystrophy
Mariah Vella

Second Year Student Computational Chemistry Projects

Drug Design at the Protein Tyrosine Phosphatase Enzyme
Aaron Ryan Bartolo

Drug Design at the Cardiac Myosin ATPase Receptor- A Novel Drug Target for the Treatment of Heart Failure
Jean-Claude Calleja

Drug Design at the Peptidylarginine Deiminase Enzyme
Hannah Caruana

Drug Design at the DNA Gyrase B Subunit for the Potential Treatment of Mycobacterium Tuberculosis
Sophie Caruana

Drug Design at a7 Nicotinic Acetylcholine Receptor using Anisodamine as a Lead
Miriana Cassar

Drug Design at the SERC2a Receptor- A Novel Drug Targets for the Treatment of Heart Failure
Kimberly May Catania

Drug Design at RAS Kinase Using Diazpinomicin as a Lead
Luca Farrugia
Investigating the Maltanediol Scaffold for Utility at Targets Not Related to Bone Metabolism
Martina Fitzgerald

Drug Design at the TGF-β Receptor using SRI 011381 as a Lead Molecule
Raquel Formosa

Drug Design at the Phosphoinositide 3-kinase Enzyme
Stephanie Formosa

Drug Design at the KRAS(G12C) Mutant
Philippa Galea Salomone

Drug Design at Glycogen Synthase Kinase 3 Enzyme using the Thiazolidine Tideglusib as a Lead
Kimberly Grima

Drug Design at DNA Topoisomerase 11 using Salvicine as a Lead
Julian Mifsud

Drug Design at the Glucagon Receptor
Timothy Portelli

Drug Design at the Glucagon-like Peptide-1
Alessia Stivala

Drug Design at the Thioredoxin Glutathione Reductase Enzyme- a Novel Target for the Management of Schistosomiasis
Alex Xuereb

Drug Design at the C-terminal Binding Protein
Nicole Xuereb

Rational Design of Novel CU-CPT8M Analogs to Modulate the Toll-Like Receptor 8 Dimer
Tiffany Zammit