Pharmacy Symposium 2013

4-8 March 2013

Aula Magna, Valletta Campus
University of Malta

Programme

Oral Communication Sessions
*M.Pharm. Students and Second Year M.Sc. Students*

Poster Discussion Sessions
*Fourth Year Students*

Poster Presentations
*Second and Third Year Students*
Monday 4 March

9:30  Opening Ceremony

Oral Communication Session:
Point-of-Care Testing and Pharmacotherapy

10:00  Proposing a Framework for INR Testing and Anticoagulation Management in Community Pharmacies
Elena Marie Mifsud

10:10  Gastric Acid Control, Amylase Activity and Proton Pump Inhibitors
Charlene Galea

10:20  High Performance Liquid Chromatography Method Development for Analysis of Clindamycin to Peripheral Tissue
Martina Mifsud

10:30  Proposing a Point-of-Care Testing Service for Helicobacter pylori in Community Pharmacies
Daniel Attard

10:40  Adolescent’s Use of Non-Prescription Analgesics
Christine Cachia

10:50  Impact of Chronic Renal Failure on Bone Status
Daniela Ghio

11:00  Coffee Break

Oral Communication Session: Pharmaceutical Care

11:30  Pharmacist Intervention in Pain Management in Heart Surgery
Danika Agius Decelis

11:40  Lifestyle Modifications in Metabolic Syndrome
Leanne Cutajar

Oral Communication Session:
Pharmacoeconomics and Regulatory Affairs

11:50  Cardiovascular Medicines: Comparative Costs and Benefits
Mark Cardona

12.00  Development and Evaluation of Pharmacovigilance Training
Elise Axiak

Poster Discussion Session: Pharmaceutical Care

12:10  Pharmaceutical Care and Management of Psychiatric Conditions
Ann Bugeja

12:15  Evidence-Based Pharmaceutical Care in Psychiatric Disorders
Claire Bugeja

12:20  Monitoring of Rheumatoid Arthritis Patients
Jessica Vella

12:25  Pharmaceutical Care in Dialysis Patients
Christopher Tate
Tuesday 5 March

9:30 Opening Session

Oral Communication Session: Pharmacy Information

9:40 Evaluation of a Formulary for Non-BNF Cited Items
   Daniel Corso
9:50 Access to the Pharmacist through Telecommunication Services
   Simon Corrieri
10:00 Pharmacist Interventions in Non-Prescription Medicine Use
   Sephora Galea
10:10 Preparing Pharmacists for Prescribing
   Andrew Fenech
10:20 Implementing Online Continuing Professional Development Activities for Pharmacists
   Jessica Spiteri

10:30 Coffee Break

Poster Discussion Session:
Pharmacotherapy and Point-Of-Care Testing

11:00 Chemotherapy-Induced Blood Dyscrasias
   Bernardette Blundell
11:05 Chronopharmacology in Diabetes
   Francesca Sammut
11:10 Point-Of-Care Testing: Urine Analysis and Microalbuminuria
   Shaun Ungaro

11:15 Haemoglobin Levels in Chronic Drug Use
   Rebecca Joslin
11:20 Pharmaceutical Care in Benign Prostatic Hyperplasia
   Janica Mizzi
11:25 Point-Of-Care Testing: Infectious Diseases
   Laura Scicluna
11:30 Cardiac Markers in Pharmaceutical Care
   Rebecca Theuma
11:35 Point-Of-Care Testing: Hypercholesterolaemia
   Rodianne Conti

Poster Discussion Session:
Pharmacy Information and Administration

11.40 History of Pharmacy in Malta
   Angelique Camilleri
11.45 Pharmacy Museum
   Rebecca Tonna
11.50 An English-Maltese Dictionary of Pharmaceutical and Medical Terms
   Kirsty Camilleri
11.55 Newsletter for the Department of Pharmacy
   Marion Sammut
12.00 Development of a Drug Information Bulletin
   John Luke Scicluna
12.05 Perception of the Pharmacist Prescriber
   Elena Maria Vella
12.10 Patient Access to Medication
   Attilio Degiorgio
12.15 Evolvement of the Pharmacy Of Your Choice Scheme
   Marjean Xuereb
Wednesday 6 March

9:30 Opening Session

Oral Communication Session: Pharmacy Administration

9:40 Drug Administration Systems in Geriatric Institutions
   Angela Cassar
9:50 Implementation of SF36 and D39 Quality of Life Tools in English and Maltese
   Caroline Vella
10:00 Evaluation of the Clinical Pharmacy Services at Karin Grech Rehabilitation Hospital
   Jonathan Agius
10:10 Evaluation of the Quality Management System for Non-Clinical Pharmacy Services at Karen Grech Rehabilitation Hospital
   John Agius
10:20 Pharmacist Manpower: Assessment of the Directory of Pharmacists
   Marcus Zarb Cousin

10:30 Coffee Break

Oral Communication Session: MSc in Pharmacy

11.00 Use of Quality Risk Management for Enhancing and Ensuring Good Distribution Practice
   Adrian Busuttil
11.10 Obtaining a Marketing Authorisation for Nitrous Oxide
   Claire Scicluna
11.20 New Approach to Improve the Yield in the Production of Slow Release Oral Dosage Forms
   Nicolette Sammut Bartolo
11.30 Use of NSAIDs and Pharmacist Prescribing
   Maria Scerri
11.40 Pharmaceutical Care Interventions at Rehabilitation Hospital Karin Grech
   Khaled Abdelmoula
11.50 Management of Urinary Tract Infections in Elderly Patients at Rehabilitation Hospital Karin Grech
   Asma Omar Ali Omar
Thursday 7 March

9:30 Opening Session

Oral Communication Session:
Medicinal Chemistry and Drug Design I

9:40 Creation and Evaluation of a Two/Three-Dimensional Molecular Database of Drugs Used to Target the Endocrine System
Denise Borg

9:50 Creation and Evaluation of a Two/Three-Dimensional Molecular Database for Drugs Used in Malignant Disease and Immunosuppression
Ryan Camilleri

10:00 Creation and Evaluation of a Two/Three-Dimensional Molecular Database for Drugs Used to Target the Respiratory System
Sara Jo Cassar

10:20 Design and Optimisation of Novel 3-Hydroxy-3-Methyl-Glutaryl-CoA Reductase Inhibitors
Denise Formosa

11:00 Coffee Break

Poster Discussion Session:
Industrial Pharmacy and Clinical Analysis

11:30 Formulation of Tolterodine Dosage Forms
Nathaniel Farrugia

11:35 Distribution of Ciprofloxacin in the Peripheries
Francesca Busuttil

11:40 The Use of Liquid Capsules
Lara Brincat Ruffini

Poster Discussion Session:
Medicinal Chemistry and Drug Design I

11:45 Drug Design of a 5-HT Receptor using a Bioisosteric Approach
Maria Schembri

11:50 Drug Design of a COX-2 Receptor using a Bioisosteric Approach
Ryan Zahra

11:55 De novo Drug Design at the Nicotinic Acetylcholine Receptor
Clarissa Caruana

12:00 De novo Drug Design for the Histamine-H1Receptor
Michelle Cutajar

12:05 Validating the in vitro Hypothesis that Eichosanoidal Molecules have a High Affinity for Oestrogen and Androgen Receptors
Miguel Manara
Friday 8 March

9:30  Opening Session

Oral Communication Session:
Medicinal Chemistry and Drug Design II

9:40  Investigating the Anti-Oestrogenic Effects of Synephrine and de novo Design of Oestrogen Receptor Modulating Molecules
Christine Pace Bardon

9:50  Investigating the Anti-Oestrogenic Effects of Ephedrine and de novo Design of Oestrogen Receptor Modulating Molecules
Kathyrn Galea

10:00  Drug Design and Optimisation of de novo Designed Molecules at the Peroxisome Proliferator-Activated Receptor
Stephanie Portelli

10:10  Development and Validation of Computational Chemistry Practicals
Noel Pace

10:20  Coffee Break

Poster Discussion Session:
Medicinal Chemistry and Drug Design II

11:00  Simulation Study of Three High Affinity Ligands obtained from the Common Hawthorne Plant for the Angiotensin Converting Enzyme
Justine Chetcuti

11:05  Creation of a Two/Three-Dimensional Molecular Database of Drugs Used in Ophthalmology
Sarah Anne Briffa

11:10  Creation of a Two/Three-Dimensional Molecular Database of Anaesthetic Drugs
Jonathan Cefai

11:15  Creation of a Two/Three-Dimensional Molecular Database of Drugs used in the Management of Skin Conditions
Monique Fava

11:20  Creation of a Two/Three-Dimensional Molecular Database of Drugs Acting in the Gastrointestinal Tract
Katya Sacco

11:25  Creation of a Two/Three-Dimensional Molecular Database of Drugs used in the Management of Conditions Related to the Ear, Nose and Oropharynx
Abigail Spiteri

11:30  Closing Ceremony
Third Year Student Projects

**Medicine Use in In Vitro Fertilisation**
Christina Noella Abela

**Journal of EuroMed Pharmacy**
Joseph Christian Abela

**Veterinary Medicine**
Annalise Attard

**Chronopharmacology and Pain**
Christine Attard

**Evidence-Base for Clinical Pharmacy**
Jessica Attard

**Dietary Practices at Mater Dei Hospital**
Francesca Attard Baldacchino

**Storage Temperature Control: Economical and Environmental Considerations**
Kristina Baron

**Guidelines in Product Distribution and Storage**
Stephen Bartolo

**Diabetic Patient Risks: Outcome Indices**
Leanne Bason

**Optimisation of Anti-Androgenic Molecules**
Marie Claire Bonanno

**Designing Analogues of the Naturally Occurring Alkaloid Huperzine A**
Sara Bonavia

**Drug Design of Pilocarpine Allotropes in the Management of Alzheimer’s Disease**
Neil Bugeja

**Access to Oncology Medicinal Products on the Government Pharmaceutical Formulary**
Alexandra Cachia

**Pharmaceutical Care in Psychiatry**
Deborah Camilleri

**Patient Expectations of Medicines Use Review**
Matthew Camilleri

**Design of Novel Antihistaminic Agents Based on the Molecular Structure of Diphenhydramine**
Rachel Camilleri

**Management of Side-Effects of Chemotherapy**
Danika Caruana

**Pharmacist Prescribing and Use of Antibacterials**
Gianella Casha

**Synthesis of Active Pharmaceutical Ingredients: A Case Study**
Conrad Cassar

**Standard Operating Procedures in Community Pharmacy**
Michelle Marie Cassar

**Further Studies on Amylase and Other Enzymes on Gastro-Intestinal Disorders**
Ritianne Cassar

**Chronopharmacology in Hypertension**
Sephorah Falzon

**Design of Epidermal Growth Factor Inhibitors**
Marie Claire Farrugia

**Pharmacoeconomics of Vaccination in Paediatrics**
Maria Galea

**Pharmaceutical Care in Venous Thromboembolism**
Jeanine Grech

**Risk Management in Pharmacy**
Matthew Manfre

**Pain Management in Post Caesarean-Section**
Deborah Mangion

**Mini-Scale Production Facility**
Maria Mercieca

**Medicines Authority: A Policing Authority or Collaboration for Patient Benefit?**
Benjamin Micallef

**Design of Novel Carbonic Anhydrase Inhibitors**
Jessica Marie Muscat

**Pharmacoeconomics in the Management of Drug Abuse**
Maria Pace
Novel Drug Design at the Dihydrofolate Reducatase Enzyme
Graziella Portelli

Use of Medication in Paediatric and Elderly Persons
Clarissa Rizzo

Impact of Technology on Shared Care
Analise Said

Centralised Preparation of Intravenous Admixtures
Diane Saliba

Drug Design of Novel β1-Adrenoceptor Blockers
Astrid Marie Sant

Creation of a Tool to Predict Affinity of Drug Molecules for Cytochrome P450 Enzymes
Caroline Spiteri

Use of Drugs in Patients in Intensive Care Unit and Critical Care
Annalisa Thake

Evaluating Impact of Advice from Community Pharmacists
Lisa Warrington

Patient Education on Women’s Health
Nicola Warrington

Second Year Student Projects

Pharmacist Manpower
Petra Abdilla

Pharmacist Prescribing
Abigail Aquilina

Drug Design at the TLR4 Receptor
Daniel Attard

POYC: Where are we going? Patient and Pharmacist Forum
Hannah Bonnici

Evidence-Based Use of Herbal Medicines
Justine Borg

Design of Novel Structures with an Aminopiperazinone Scaffold capable of Inhibiting the β-Secretase Enzyme for Management of Alzheimer’s Disease
Luke Borg

Use of Compliance Aid Devices: Psychiatry
Estelle Borg Falzon

Pharmacist Services in Community Pharmacies
Andrew Busutil

Multidisciplinary Tasking in Cancer Patient Management
Ann Camilleri

Methadone Dispensing Services
Mark Caruana

Association of Medicinals to Sleep Apnoea
Yanica Cassar

Risk Management in the Pharmaceutical Industry
Matthew Chircop

Quality and Safety of Pharmaceutical Solvents used in the Pharmaceutical Industry
Darren Cioffi

Design of Novel Anti-Prostate Cancer Drugs which Modulate the CYP17A1 Receptor using Abiraterone as Lead Molecule
Kurt Degabriele

Professional Development of Pharmacists
Amanda Farrugia

Use of Non-Steroidal Anti-Inflammatory Drugs
Jessica Farrugia

Drug-Induced Effects and Hospital Admissions
Nicola Farrugia

Medication Reconciliation during Transfer of Care
Tresha Formosa

Partial Manufacturing
Matthew Gatt

Adverse Drug Reactions Database
Rachel Gauci

New Drug Distribution Regulations
Luca Giudice

Design of Novel Anti-Prostate Cancer Drugs which Modulate the CYP17A1 Receptor using Ketoconazole as a Lead Molecule
Michael Grima

Drug Design at the Sphingosine-1-Phosphate (S1P) Receptor for the Management of Multiple Sclerosis
Daphne Gusman

Yield in Synthesis of Active Pharmaceutical Ingredients
Christopher Davis Mallia

Use of Protocols in Community Pharmacy
Kyle Marston
Drug Design at the Human Glucocorticoid Receptor
Sean Meachen

Drug Design at the HIV Reverse Transcriptase Enzyme
Marie Mifsud

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

Management in Chemotherapy Admixtures
Dylan Said

Argotti Gardens and the Use of Herbal Products
Katrina Saliba

Drug Design at the Human Fatty Acid Synthase using Orlistat as Lead Molecule
Ramon Sciberras

Formulary for Non-BNF Cited Items
Timothy Scicluna

Waste Management in Pharmaceutical Processes
Shirley Tabone

Pharmacist-Led Adherence Clinics for Chronic Conditions
Jessica Vella

Extraction of Drugs from Biological Fluids
Maria Vella

Design of Novel A2A Adenosine Receptor Antagonists for Treatment of Parkinson’s Disease
Yana Vella

Human Papilloma Virus Vaccination
Bettina von Brockdorff

Drug Design at the Angiotensin Converting Enzyme using Rubiatriol as Lead Molecule
Althea Marie Xuereb

Pharmacists Intervention in the Use of Diuretics
Katya Xuereb

Drug Design at the β-Secretase Enzyme for Identification of Novel Structures for Treatment of Alzheimer’s Disease
Keith Xuereb

Medication Administration Systems at Mount Carmel Hospital
Nicola’ Xuereb

Drug Design at the Oestrogen Receptor
Sharon Zammit