

# **Pharmacy Symposium 2012**

**5-9 March 2012**

**Aula Magna, Valletta Campus**

**University of Malta**

## **Programme**

### **Oral Communication Sessions**

*M. Pharm. Students and Second Year M.Sc. Pharm. Students*

### **Poster Discussion Sessions**

*Fourth Year Students*

### **Poster Presentations**

*Second and Third Year Students*

## **Monday 5 March**

**8:30** Opening Ceremony

### **Oral Communication Session: Pharmaceutical Care**

**9:40** Pharmacist Intervention in a Heart Failure Clinic

*Marie Claire Aquilina*

**9:50** Quality of Life in Hypertensive Dialysis Patients

*Anne Marie Mercieca*

**10:00** Use of Diuretics in Elderly Patients with Congestive Heart Failure

*Sean Ryan Atkins*

**10:10** Development of Tools to Assess Risk in Diabetic Patients

*Sarah Baldacchino*

**10:20** Perception of Oral Anti-Cancer Treatment

*Stephen Camilleri*

**10:30** *Coffee Break*

### **Poster Discussion Session: Pharmaceutical Care**

**11:00** Metabolic Syndrome and Patient Management

*Leanne Cutajar*

**11:05** Chronic Renal Failure and Bone Density

*Daniela Ghio*

**11:10** Post-Operative Analgesic Management in Patients undergoing Open Heart Surgery

*Danika Agius Decelis*

**11:15 Using Quality of Life Tools in English and Maltese**

*Caroline Vella*

**Poster Discussion Session: Pharmacotherapy and Point-of-Care Testing**

**11:20 Prescribing of Analgesics in Community Pharmacy**

*Christine Cachia*

**11:25 INR Testing and Anticoagulation Drug Therapy Monitoring**

*Elena Marie Mifsud*

**11:30 Point-of-Care Testing: *Helicobacter pylori***

*Daniel Attard*

**Poster Discussion Session: Pharmacy Information**

**11:35 An English-Maltese Dictionary of Pharmaceutical and Medical Terms**

*Ruth Bonnici*

**11:40 Formulary of Non-British National Formulary Cited Items**

*Daniel Corso*

**11:45 Access to Pharmacy Services**

*Simon Corrieri*

**11:50 Pharmacist-Recommended Non-Prescription Medicines**

*Sephora Galea*

## **Tuesday 6 March**

**9:30 Opening Session**

### **Oral Communication Session: Treatment Protocols and Pharmacotherapy**

**9:40 Implementation of Protocols for Paediatric Care**

*Martina Muscat*

**9:50 Compliance with Protocols in Dental Conditions**

*Daniela Attard*

**10:00 Dissemination of Protocols on the Management of Urinary Tract Infections during Pregnancy by Community Pharmacists**

*Katya Busuttill*

**10:10 Dissemination of Protocols in Gastro-Intestinal Disorders**

*Marija Carmen Carbonaro*

**10:20 Compliance with Protocols in Eye Conditions**

*Bianca Maria Stivala*

**10:30 Methods for Dissemination of Protocols on the Management of the Common Cold**

*Lawrence Mayo*

**10:40 Use of Compliance Aid Devices**

*Deborah Cachia*

**10:50 Management of Aeromonas-Associated Gastroenteritis**

*Lisa Cuschieri*

**11:00 Coffee Break**

## **Poster Discussion Session: Pharmacy Administration**

**11:30 Directory of Pharmacists**

*Marcus Zarb Cousin*

**11:35 Quality Management System for Non-Clinical Pharmacy Services at RHKG**

*John Agius*

**11:40 Auditing of Standard Operating Procedures for Clinical Pharmacy Services at RHKG**

*Jonathan Agius*

**11:45 Drug Administration Systems in Elderly Patients**

*Angela Cassar*

**11:50 Preparing a Course for Pharmacist Prescribing**

*Andrew Fenech*

**11:55 Preparing Continuing Professional Development Resources for Pharmacists**

*Jessica Spiteri*

## **Wednesday 7 March**

**9:30 Opening Session**

## **Oral Communication Session: Point-of-Care Testing**

**9:40 Faecal Occult Blood Testing in Community Pharmacy**

*Adrian Agius*

**9:50 Point-of-Care Testing of Chlamydia**

*Anne Marie Zammit*

**10:00 Quality of Blood Glucose Meters and Blood Pressure Monitors**

*Kimberly Zammit*

**10:10 Pharmaceutical Services in Overweight and Obesity Management**

*Vanessa Petroni*

**Oral Communication Session: Pharmacy Administration**

**10:20 Framework for a Register of Biological Agents in Rheumatology**

*Florinda Cemilleri*

**10:30 Temperature Control and Storage of Medicines in Community Pharmacy**

*Daphne Coleiro*

**10:40 Perception of Bar Coding in Pharmacy**

*Colette Galea*

**10:50 Patents in Pharmacy**

*Lara Giudice*

**11:00 Coffee Break**

**Oral Communication Session: MSc in Pharmacy**

**11.30 Pharmacy Of Your Choice Scheme and Management of Hypertension**

*Judith Fenech*

**11.40 Pharmacy Of Your Choice Scheme and Management of Diabetes**

*Jasmine Vella*

**11:50 Guidelines Comparison and Assessment of Prescribing Trends in Parkinson's Disease**

*Asmaa Abdul Aziz*

**12.00 Drug Information Bulletin**

*Alison Brincat*

**12.10 Critical Analysis of the Dispensing Process at Mater Dei Hospital**

*Kathleen Cassar*

**12:20 Cost Analysis of Standard Operating Procedures in Community Pharmacies**

*Caroline Grima*

**Thursday 8 March**

**9:30 Opening Session**

**Oral Communication Session: Pharmacy Information**

**9.40 Evaluation of The Pharmacy Practice Resource Unit**

*Jaclyn Azzopardi*

**9:50 Development of an Adverse Drug Reactions Database-Driven Website**

*Stephanie Bezzina*

**10:00 Development of a Database of Medicines used in Veterinary Practice**

*Bernard Soler*

**10:10 Perception of a Newsletter for Community Pharmacists**

*Caroline Mercieca*

**10:20 Development and Evaluation of a Herbal Medicine Formulary**

*Maria Spiteri*

**10:30 Impact of an Internet Awareness Campaign for Women's Health**

*Daniela Fenech*

**10:40 Human Papillomavirus Awareness**

*Angie Marie Brincat*

**10:50 Diabetic Patients Information on Dietary Habits**

*Ramona Cini*

**11:00 Coffee Break**

### **Oral Communication Session: Regulatory Affairs and Industrial Pharmacy**

**11:30 Proposal for Setting a Mini-Scale Solid Oral Dosage Form Production Facility**

*Ruth Zerafa*

**11:40 Development of a Quality System for Pharmacy Teaching Laboratories**

*Corinne Muscat Terribile*

**11:50 Development of a Quality System Template for Partial Manufacturing of Pharmaceuticals**

*Aaron Demanuele*

**12:00 Quality Systems in Good Distribution Practice**

*Suzanne Buttigieg*

### **Poster Discussion Session: Medicinal Chemistry and Drug Design I**

**12:10 Development of Computational Chemistry Practicals**

*Noel Pace*



**12:15 Creation of a Two/Three-Dimensional Molecular Database of Drugs used to Target the Endocrine System**

*Denise Borg*

**12:20 Creation of a Two/Three-Dimensional Molecular Database of Drugs used in Malignant Disease and Immunosuppression**

*Ryan Camilleri*

**12:25 Creation of a Two/Three-Dimensional Molecular Database of Drugs used to Target the Respiratory System**

*Sara Jo Cassar*

**12:30 Creation of a Two/Three-Dimensional Molecular Database of Drugs used in Obstetric, Gynaecological and Urinary Tract Disorders**

*Mariana Ellul*

**12:35 Design of Novel 3-Hydroxy-3-Methyl-Glutaryl-CoA Reductase Inhibitors**

*Denise Formosa*

## **Friday 9 March**

**9:30 Opening Session**

### **Oral Communication Session: Drug Design**

**9:40 Framework for the Compilation of a Two/Three-Dimensional Molecular Database**

*Luke Doublet Meagher*

**9:50 Dissemination of Two/Three-Dimensional Molecular Database**

*Michael Miller*

**10:00 Optimisation of Lead Molecules Based on the Structure of Maltaendione**

*Maria Cassar*

**10:10 Optimisation of Tyrosine-Based Lead Molecules Capable of Modulation of the Peroxisome Proliferator-Activated Receptor**

*Julienne Ciantar*

**10:20 Optimisation of Betag-Amyrin and Lisinopril-Based Lead Molecules Capable of Modulating Angiotensin-Converting Enzyme**

*Deborah-Louise Farrugia*

**10:30 Optimisation of Abiraterone and MDV3100-Based Lead Molecules**

*Alexandra Grima*

**10:40 Optimisation of Lopinavir-Based Lead Molecule Capable of Modulation of the HIV-1 Protease Enzyme**

*Chantelle Micallef*

**Poster Discussion Session: Clinical Analysis**

**10:50 Gastric Amylase Activity and Use of Proton Pump Inhibitors**

*Charlene Galea*

**10:55 Penetration of Clindamycin in the Peripheries**

*Martina Mifsud*

**11:00 Coffee Break**

**Poster Discussion Session: Pharmacoeconomics and Regulatory Affairs**

**11:30 Comparative Costs of Cardiovascular Drugs Systems**

*Mark Cardona*

**11:35 Pharmacovigilance**

*Elise Axiak*

**Poster Discussion Session: Medicinal Chemistry and Drug Design II**

**11:40 Investigating the Anti-Oestrogenic Effects of Synephrine**

*Christine Pace Bardon*

**11:45 Investigating the Anti-Oestrogenic Effects of Ephedrine**

*Kathryn Galea*

**11:50 Drug Design at the Peroxisome Proliferator-Activated Receptor**

*Stephanie Portelli*

**11:55 Closing Ceremony**

**Second Year Student Projects**

**Medicine Use in *In Vitro* Fertilisation**

*Christine Abela*

**Journal of EuroMed Pharmacy**

*Joseph Abela*

**Veterinary Medicines**

*Annalise Attard*

**Chronopharmacology and Pain**

*Christine Attard*

**Dietary Practices at Mater Dei Hospital**

*Francesca Attard Baldacchino*

**Evidence-Base for Clinical Pharmacy**

*Jessica Attard*

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

*Kristina Baron*

**Diabetic Patient Risks and Outcome Indices**

*Leanne Bason*

**Guidelines for Wholesaling and Product Distribution**

*Stephen Bartolo*

**Optimisation of Anti-Androgenic Molecules**

*Marie Claire Bonanno*

**Designing Analogues of the Naturally-Occurring Alkaloid Huperzine A**

*Sara Bonavia*

**Drug Design of Pilocarpine Allotropes for the Management of Alzheimer's Disease**

*Neil Bugeja*

**Argotti Gardens and Use of Herbal Products**

*Alexandra Cachia*

**Pharmaceutical Care in Psychiatry**

*Deborah Camilleri*

**Compilation of a Two/Three- Dimensional Molecular Database of Drugs used in the Management of Nutrition and Blood Disorders**

*Kenneth 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: Case Studies**

*Conrad Cassar*

**Standard Operating Procedures in Community Pharmacy**

*Michelle Cassar*

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

*Ritianne Cassar*

**Chronopharmacology in Hypertension**

*Sephora Falzon*

**Design of Epidermal Growth Factor Inhibitors**

*Marie Claire Farrugia*

**Pharmacoeconomics of Vaccination in Paediatrics**

*Maria Galea*

**Pharmaceutical Care and Venous Thromboembolism**

*Jeanine Grech*

**Risk Management in Pharmacy**

*Matthew Manfre*

**Pain Management in Post-Caesarian 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 Muscat*

**Pharmacoeconomics of the Management of Drug Abuse**

*Maria Pace*

**Novel Drug Design at the Dihydrofolate Reductase Enzyme**

*Graziella Portelli*

**Use of Medication in Paediatric and Elderly Patients**

*Clarissa Rizzo*

**Impact of Technology on Shared Care**

*Analise Said*

**Drug Design of Novel Beta-2 Adrenoceptor Blockers**

*Astrid Sant*

**Centralised Preparation of Intravenous Admixtures**

*Diane Saliba*

**Drug Design at the K Sub-Type Opioid Receptor**

*Caroline Spiteri*

**Impact on Kidney Function and Use of Drugs in Patients in Intensive and Critical Care**

*Annalisa Thake*

**Evaluating Impact of Advice from Community Pharmacies**

*Lisa Warrington*

**Patient Education on Women's Health**

*Nicola Warrington*

**Third Year Student Projects**

**Blood Dyscrasias due to Chemotherapy**

*Bernardette Blundell*

**Creation of a Two/Three-Dimensional Molecular Database of Drugs used in Ophthalmology**

*Sarah Anne Briffa*

**Use of Liquid Capsules**

*Lara Ann Brincat Ruffini*

**Pharmaceutical Care in the Management of Psychiatric Conditions**

*Ann Bugeja*

**Evidence-Based Pharmaceutical Care in Psychiatric Disorders**

*Claire Bugeja*

**Distribution of Ciprofloxacin in the Peripheries**

*Francesca Busutil*

**History of Pharmacy in Malta**

*Angelique Camilleri*

**An English-Maltese Dictionary of Pharmaceutical and Medical Terms**

*Kirsty Camilleri*

**A Rational Drug Design Approach for the Identification of Novel Selective Cyclooxygenase-2 Inhibitors**

*Clarissa Caruana*

**Creation of a Two/Three-Dimensional Molecular Database of Anaesthetic Drugs**

*Jonathan Cefai*

**Drug Design of Three High Affinity Ligands obtained from the Common Hawthorne Plant for the Angiotensin-Converting Enzyme**

*Justine Chetcuti*

**Point-of-Care Testing: Hypercholesterolaemia**

*Rodianne Conti*

**De Novo Drug Design for the Acetylcholinesterase Receptor**

*Michelle Cutajar*



**Patient Access to Medications**

*Attilio Degiorgio*

**Laboratory Set-Up for Bioavailability and Bioequivalence Studies**

*Nathaniel Farrugia*

**Creation of a Two/Three-Dimensional Molecular Database of Drugs used in the Management of Skin Conditions**

*Monique Fava*

**Haemoglobin Levels in Chronic Drug Use**

*Rebecca Joslin*

**Insulin and Incretins in Diabetes Management: Proposal of Novel Lead Molecules for Further Development**

*Miguel Manara*

**Pharmaceutical Care in Benign Prostatic Hyperplasia**

*Janica Mizzi*

**Molecular Database for Drugs acting in the Gastro-Intestinal Tract**

*Katya Sacco*

**Chronopharmacology in Diabetes**

*Francesca Sammut*

**The Pharmacy Department Newsletter and Activities Website**

*Marion Sammut*

**Drug design of Molecules Binding to the 5-HT Receptor Using a Bioisosteric and *De Novo* Approach**

*Maria Schembri*

**Developing a Drug Information Bulletin**

*John Luke Scicluna*

**Point-of-Care Testing: Infectious Diseases**

*Laura Scicluna*

**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*

**Pharmaceutical Care in Dialysis Patients**

*Christopher Tate*

**Cardiac Markers in Pharmacy Practice**

*Rebecca Theuma*

**Pharmacy Museum**

*Rebecca Tonna*

**Point-of-Care Testing: Urine Analysis and Microalbuminuria**

*Shaun Ungaro*

**Perception of the Pharmacist Prescriber**

*Elena Maria Vella*

**Monitoring of Rheumatoid Arthritis Patients**

*Jessica Vella*

**Evolution of the Pharmacy of Your Choice Scheme**

*Marjean Xuereb*

**Drug Design of Beta-Blocker Ligands using a Bioisosteric and *De Novo* Approach**

*Ryan Zahra*