

# **Pharmacy Symposium 2011**

**7-11 March 2011**

**Aula Magna, Valletta Campus**

**University of Malta**

## **Programme**

### **Oral Communication Sessions**

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

### **Poster Discussion Sessions**

*Fourth Year Students*

### **Poster Presentations**

*Second and Third Year Students*

## **Monday 7 March**

**8:30 Opening Ceremony**

### **Oral Communications: Pharmaceutical Care**

**9:40 Patient Management in Colorectal Cancer**

*Ilona Pirotta*

**9:50 Palliative Care in Cancer Patients**

*Ryan Sacco*

**10:00 Pharmacist Intervention in the Management of Parkinson's Disease**

*Akram Shueb*

**10:10 Pharmacist Intervention in Ear, Nose and Throat Disorders**

*Rebecca Ann Said*

**10:20 Point-of-Care Testing: Hypercholesterolaemia**

*Stephanie Cutajar*

**10:30 Coffee Break**

### **Poster Discussion Session: Point-of-Care Testing and Pharmaceutical Care**

**11:00 Point-of-Care Testing: Faecal Occult Blood**

*Adrian Agius*

**11:05 Point-of-Care Testing in Gynaecological Disorders**

*Anne Marie Zammit*

**11:10 Human Papillomavirus Screening and Vaccination**

*Angie Marie Brincat*

**11:15 Quality of Medical Devices**

*Kimberly Zammit*

**11:20 Nutrition in Diabetic Patients**

*Ramona Cini*

**11:25 Devices Used for Dispensing**

*Deborah Cachia*

**Poster Discussion Session: Treatment Protocols**

**11:30 Dissemination of Protocols: Paediatrics**

*Martina Muscat*

**11:35 Protocols in Dental Conditions**

*Daniela Attard*

**11:40 Management of Urinary Tract Infections in Pregnant Women by Community Pharmacists**

*Katya Busuttil*

**11:45 Dissemination of Protocols: Gastro-Intestinal Disorders**

*Marija Carmen Carbonaro*

**11:50 Protocols in Eye Conditions**

*Bianca Stivala*

**11:55 Dissemination of Protocols: Common Cold**

*Lawrence Mayo*

**Tuesday 8 March**

**9:30 Opening Session**

**Oral Communications: Pharmacotherapy**

**9:40 Pain Relief after Caesarian Section**

*Luana Buhagiar*

**9:50 Prevalence, Characteristics and Management of Endometriosis**

*Lorraine Camilleri*

**10:00 Urinary Tract Infections in Pregnancy**

*Nathalie Brincat*

**10:10 Chronopharmacology in Hypertension**

*Deborah Cassar*

**10:20 Chronopharmacology in Diabetes**

*Michelle Cole*

**10:30 Side-effects of Methotrexate in Rheumatoid Arthritis**

*Krista Cuschieri*

**10:40 Biological Agents in Rheumatoid Arthritis**

*Cynthia Said*

**10:50 Protocols for Skin Conditions**

*Anna Maria Cassar*

**11:00** *Coffee Break*

**Poster Discussion Session: Pharmacotherapy**

**11:30** **Care Issues in a Heart Failure Clinic**

*Marie Claire Aquilina*

**11:35** **Pharmacist Intervention in the Use of Diuretics in Elderly Patients**

*Sean Ryan Atkins*

**11:40** **Blood Pressure Control in Dialysis Patients**

*Anne Marie Mercieca*

**11:45** **Development of Diabetes Outcome Indices**

*Sarah Baldacchino*

**11:50** **Oral Anticancer Treatment**

*Stephen Camilleri*

**11:55** **Aeromonas hydrophila Gastroenteritis in the Maltese Population:**

**Diagnosis, Epidemiology and Treatment**

*Lisa Cuschieri*

**19:30** **Academic Evening**

**Commemoration of Professor Steve Hudson**

*Mater Dei Central Auditorium*

## **Wednesday 9 March**

**9:30 Opening Session**

### **Oral Communications: Quality Systems and Patient Safety**

**9:40 Validation Instruments for Community Pharmacy: An Update**

*Claire Anne Scicluna*

**9:50 Validation of Clinical Pharmacy Services**

*Maria Mamo*

**10:00 Patient Safety in the Intensive Therapy Unit**

*Lara Chetcuti*

### **Oral Communications: Pharmacy Information**

**10:10 Maintaining a Formulary for Karin Grech Hospital**

*Stephanie Rapa*

**10:20 Health Promotions in the Community Pharmacy**

*Gillian Spiteri*

**10:30 Pharmacy Journal**

*Janet Sultana*

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

**10:40 Storage of Medicines and Medical Devices**

*Daphne Coleiro*

**10:45 Barcoding in Pharmacy**

*Marie Colette Galea*

**10:50 Intellectual Property and Pharmacy**

*Lara Giudice*

**10:55 A Register of Biological Agents in Rheumatology**

*Florinda Camilleri*

**11:00 Coffee Break**

**Oral Communications: MSc Pharmacy Students**

**11:30 NSAID Use and Patient Safety**

*Doris Baldacchino*

**11:40 Public Perception of Generic Pharmaceuticals**

*Yvette Azzopardi*

**11:50 Financial Impact of Pharmacy-Of-Your-Choice Scheme on Community Pharmacy**

*Gillian Soler*

**12:00 Reference Pricing in Pharmacy**

*Tanya Formosa*

**12:10 Standard Operating Procedures for Quality Control in the Pharmaceutical Industry**

*Enas Abd Elnaser Mansor*

**12:20 Standard Operating Procedures in Pharmaceutical Regulatory Area**

*Simon Serge*

**Thursday 10 March**

**9:30 Opening Session**

**Oral Communications: Pharmacy Administration and  
Pharmacoeconomics**

**9:40 Public Perception of the Pharmacist**

*Francesca Tabone*

**9:50 Implementation of the Pharmacy-Of-Your-Choice Scheme and  
Interprofessional Relations**

*Rosanne Mahoney*

**10:00 Medication Administration System at the Rehabilitation Hospital Karin  
Grech: An Observational Analysis**

*Stefan Meli*

**10:10 History of the International Pharmaceutical Federation**

*Lynn Marie Mifsud*

**10:20 Pharmaceutical Statistics: Malta, Where Does it Stand?**

*James Cini*

**10:30 Pharmaceutical Policy and Access to Medications**

*Amanda Pace*

**10:40 Pharmacoeconomic Analysis of Generic Drug Use**

*Federica Spiteri Maempel*



**10:50 Waste Management in Pharmacy**

*Karen Attard*

**11:00 Coffee Break**

**Poster Discussion Session: Pharmacy Information**

**11:30 The Pharmacy Practice Resource Unit**

*Jaclyn Azzopardi*

**11:35 Adverse Drug Reaction Database**

*Stephanie Bezzina*

**11:40 Compendium of Medicines Used in Veterinary Practice**

*Bernard Soler*

**11:45 Herbal Medicines Formulary**

*Maria Spiteri*

**11:50 Newsletter for Community Pharmacy**

*Caroline Mercieca*

**11:55 Women's Health**

*Daniela Fenech*

**12:00 Pharmaceutical services in lifestyle modifications: Overweight and Obesity Management**

*Vanessa Petroni*

## **Poster Discussion Session: Regulatory Affairs and Industrial Pharmacy**

### **12:05 Quality Improvements in Good Distribution Practice**

*Suzanne Buttigieg*

### **12:10 Good Laboratory Practice**

*Corinne Muscat Terribile*

### **12:15 A Mini-Scale Production Facility**

*Ruth Zerafa*

### **12:20 GMP in the Partial Manufacturing of Pharmaceuticals**

*Aaron Demanuele*

## **Friday 11 March**

### **9:30 Opening Session**

#### **Oral Communications: Industrial Pharmacy and Regulatory Affairs**

### **9:40 Methods to Improve Yield in the Production of Slow Release Oral Dosage**

#### **Forms**

*Nicolette Bartolo*

### **9:50 Stability Study of Drugs in Transport**

*Helga Farrugia*

### **10:00 EU GMP: Inspection of Suppliers**

*Rowena Marie Agius*

### **10:10 Standard Operating Procedures in Pharmacy**

*Jessica Briffa*

### **10:20 Setting Up a Pharmacovigilance System for Medical Oxygen**

*Samantha Camilleri*

### **10:30 Identification of Impurities in Medical Oxygen**

*Amy Smith*

### **10:40 Impurities in Ethanol 96%**

*Katrina Gatt*

### **10:50 The Content of Sulfur Dioxide in Wine**

*Ghislaine Calleja*

**11:00** *Coffee Break*

**Oral Communications: Clinical Analysis and Drug Design**

**11:30** **Distribution of Anti-Infective Agents to the Peripheries**

*Lara Fiorentino*

**11:40** **Investigating the Angiotensin Converting Enzyme Inhibiting Properties of Naturally Occuring Terpenes Using *in silico* Models**

*Sarah Jane Mifsud*

**Poster Discussion Session: Drug Design**

**11:50** **Creation of Two and Three-Dimensional Molecular Databases for**

**Cardiovascular drugs**

*Luke Doublet*

**11:55** **Creation of Two and Three-Dimensional Molecular Databases for Drugs Acting on the CNS**

*Michael Miller*

**12:00** **An Evaluation of the Oestrogen Receptor Modulation Abilities of the Extract of *Padina pavonica* Using *in silico* Techniques**

*Maria Cassar*

**12:05** **Evaluation of a Novel Series of Semi-Synthetically Designed ACE Inhibiting Molecules**

*Deborah Louise Farrugia*

**12:10** **Androgen Receptor Binding Modalities and Prostate Cancer**

*Alexandra Grima*

**12:15 Drug Design at the Peroxisome Proliferator-Activated Receptor**

*Julienne Ciantar*

**12:20 Design of Family Ligands for the HIV-1-Protease Enzyme**

*Chantelle Micallef*

**12:25 Closing Ceremony**

## **Second Year Student Projects**

**Simulation Study 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 Histamine H<sub>1</sub> Receptor**

*Michelle Cutajar*

**Patient Access to Medication**

*Attilio Antonio Degiorgio*

**Formulation of Tolterodine Dosage Forms**

*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*

**Validating the In Vitro Hypothesis that Eicosanoidal Molecules have a High Affinity for Oestrogen and Androgen Receptors**

*Miguel Manara*

**Pharmaceutical Care in Benign Prostatic Hyperplasia**

*Janica Mizzi*

**Creation of Two and Three-Dimensional Molecular Databases for Drugs Acting on the Gastro-Intestinal Tract**

*Katya Sacco*

**Chronopharmacology in Diabetes**

*Francesca Sammut*

**The Pharmacy Department Newsletter and Activities Webpage**

*Marion Sammut*

**Blood dyscrasias due to chemotherapy**

*Bernardette Blundell*

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

*Sarah-Anne Briffa*

**The Use of Liquid Capsules**

*Lara Brincat Ruffini*

**Pharmaceutical care and the management of psychiatric disorders**

*Ann Bugeja*

**Evidence based pharmaceutical care in psychiatric disorders**

*Claire Bugeja*

**Point-of-care testing in diabetes**

*Christabel Busuttil*

**Distribution of Ciprofloxacin to the Peripheries**

*Francesca Busuttil*

**The History of Pharmacy In Malta**

*Angelique Camilleri*

**A Compilation of 2-D and 3-D Structures of the Drugs used in the management of nutrition and blood disorders**

*Kenneth Camilleri*

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

*Kirsty Camilleri*

**De Novo Drug Design at the Nicotinic Acetylcholine Receptor**

*Clarissa Caruana*

**Creation of Two and Three- Dimensional Molecular Database for Anaesthetic Drugs as Case Studies.**

*Jonathan Cefai*

**Drug design of a 5-HT receptor using a bioisosteric approach**

*Maria Schembri*

**Developing a Drug Information Bulletin**

*John Scicluna*

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

*Laura Scicluna*

**Creation of a Two and 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 Musuem**

*Rebecca Tonna*

**Pharmacist's Perception of Prescribing**

*Elena Maria Vella*

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

*Shaun Ungaro*

**Evidence-Based Pharmaceutical Care in Rheumatoid Arthritis**

*Jessica Vella*

**Evolvement of the Pharmacy-Of-Your-Choice (POYC) Scheme**

*Marjean Xuereb*

**Drug design of a COX-2 receptor using a bioisosteric approach.**

*Ryan Zahra*



### **Third Year Student Projects**

**Quality Management System for the Non-Clinical Pharmacy Services at Rehabilitation Hospital Karin Grech**

*John Agius*

**Auditing of Standard Operating Procedures for Clinical Pharmacy Services at Rehabilitation Hospital Karin Grech**

*Jonathan Agius*

**Post-Operative Analgesia Management in Patients Undergoing Heart Surgery**

*Danika Agius Decelis*

**Point-of-Care Testing in Helicobacter pylori**

*Daniel Attard*

**Pharmacovigilance**

*Elise Axiak*

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

*Ruth Bonnici*

**Creation of a Two/Three-Dimensional Molecular Database of Drugs Used to Target the Endocrine System**

*Denise Borg*

**Prescribing of Analgesics in Community Pharmacy**

*Christina Cachia*

**Creation of Two/Three-Dimensional Molecular Database of drugs used in malignant disease and immunosuppression**

*Ryan Camilleri*

**Comparative Costs of Cardiovascular Drugs**

*Mark Cardona*

**Pharmacist Recommended Non-Prescription Medicines**

*Sephora Galea*

**Chronic Renal Failure and Bone Density**

*Daniela Ghio*

**INR Testing and Anticoagulation Drug Therapy Monitoring**

*Elena Marie Mifsud*

**Penetration of Clindamycin in the peripheries**

*Martina Mifsud*

**Development of Computational Chemistry Practicals**

*Noel Pace*

**Investigating the anti-oestrogenic effects of synephrine**

*Christina Pace Bardon*

**Drug design at Peroxisome Proliferator Activated Receptors**

*Stephanie Portelli*

**Preparing Continuing Professional Development Resources for Pharmacists**

*Jessica Spiteri*

**Using quality of life tools in English and Maltese**

*Caroline Maria Vella*

**The Directory of Pharmacists**

*Marcus Zarb Cousin*

**Drug Administration Systems in Elderly Patients**

*Angela Cassar*

**Creation of 2D/3D Molecular Database: drugs used to target the respiratory system**

*Sara Jo Cassar*

**Formulary for Non-BNF Cited Items**

*Daniel Corso*

**Access to Pharmacy Services**

*Simon Corrieri*

**Metabolic Syndrome and Patient Management**

*Leanne Cutajar*

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

*Mariana Ellul*

**Preparing a course for pharmacist prescribing**

*Andrew Fenech*

**Design of Novel HMG-CoA Reductase Inhibitors**

*Denise Formosa*

**Gastric Amylase Activity and Use of Proton Pump Inhibitors**

*Charlene Galea*

**Investigating the anti-oestrogenic effects of ephedrine**

*Kathryn Galea*