

## 2020 Completions - Pharmacy and Pharmaceutical Sciences

### **Dr. Ibrahim Javed**

(Specialisation: Pharmacy and pharmaceutical science) (Conferred: 22-Jan-2020)

Biomimetic nanomaterials as nanomedicine against amyloid diseases

### **Dr. Mitchell Ramesh Silk**

(Specialisation: Medicinal chemistry) (Conferred: 22-Jan-2020)

Cyclic D/L Peptide Nanotubes

### **Dr. Allah Bukhsh**

(Specialisation: Clinical pharmacy) (Conferred: 05-Feb-2020)

Pharmacist-led self-care education and its impact on clinical outcomes of patients with type 2 diabetes in Pakistan

### **Dr. Alastair Owen Pearl**

(Specialisation: Pharmacy and pharmaceutical science) (Conferred: 05-Feb-2020)

Towards an Industry-Aligned Assessment of Critical Thinking in the Pharmaceutical Sciences and Beyond

### **Dr. Anna Elizabeth Sexton**

(Specialisation: Molecular cell biology) (Conferred: 19-Feb-2020)

Characterising novel aspects of Plasmodium falciparum phosphorylation and pathogenesis

### **Dr. Cassandra Shu-Xin Yong**

(Specialisation: Medicinal chemistry) (Conferred: 19-Feb-2020)

Noscapine and its derivatives as microtubule-targeted cancer therapeutics

### **Dr. Wesam Shalan Alwan Alwan**

(Specialisation: Medicinal chemistry) (Conferred: 04-Mar-2020)

Discovery & Design of Novel DsbA Inhibitors Using Fragment-Based Design Strategies

### **Dr. Julia Gabrielle Beveridge**

(Specialisation: Medicinal chemistry) (Conferred: 04-Mar-2020)

Hit-to-lead: single agents for the treatment of Chagas disease

### **Dr. Billy Joseph Williams-Noonan**

(Specialisation: Structure based drug design) (Conferred: 04-Mar-2020)

Free Energy Methods to Assist Drug Discovery: Studies of Affinity, Permeability and Dynamics

### **Teresa Helena Vandekolk**

(Specialisation: Cell biology) (Conferred: 18-Mar-2020)

Context dependent cytokine secretion by stem cell derived microglia in vitro

### **Dr. Yiyue Xie**

(Specialisation: Medicinal chemistry) (Conferred: 02-Apr-2020)

Development of GSTO1-1 inhibitors for the treatment of inflammatory conditions

### **Dr. Kenneth Elliott Margo**

(Specialisation: Drug delivery sciences) (Conferred: 16-Apr-2020)

Insights into the influence of the capsule on powder de-agglomeration and drug-carrier detachment in a capsule-based dry powder inhaler

### **Dr. Kellie Louise May**

(Specialisation: Pharmacy and pharmaceutical science) (Conferred: 29-Apr-2020)

Investigation of effect of mesoporous silica particles on digestion and calorific uptake as a novel treatment for obesity

**Dr. Matthew Charles Linford Wakeham**

(Specialisation: Synthetic medicinal chemistry) (Conferred: 29-Apr-2020)

Synthesis and pharmacological investigation of hybrid ligands targeting the muscarinic acetylcholine receptors

**Dr. Matthew Ross Bentley**

(Specialisation: Structure based drug design) (Conferred: 14-May-2020)

Development of the diaryl ether scaffold as inhibitors of EcDsbA using a fragmentbased approach

**Dr. Leslie Ann Dowson**

(Specialisation: Pharmacy) (Conferred: 24-Jun-2020)

Optimising antimicrobial use in aged-care homes

**Dr. Maxine Roberts**

(Specialisation: Drug discovery biology) (Conferred: 17-Jul-2020)

Exploring GPCR signalling bias in Drug Discovery: Identifying anti-remodelling pathways in primary human lung fibroblasts

**Dr. Ava Faridi**

(Specialisation: Drug delivery sciences) (Conferred: 22-Jul-2020)

Mitigation of Amyloid Protein Fibrillation and Cellular Interaction with Nanostructures

**Dr. Yu Leuk Law**

(Specialisation: Synthetic medicinal chemistry) (Conferred: 22-Jul-2020)

Concise Access to Heteracenes and Cycloptenoids through Alkyne Activation: sp to sp<sup>2</sup> to sp<sup>3</sup> Conversions

**Dr. Ruby Panakkal Kochappan**

(Specialisation: Pharmacology) (Conferred: 22-Jul-2020)

The pharmacodynamic benefits of oral triglyceride mimetic prodrugs to lymphatic system

**Dr. Jen-Yin Goh**

(Specialisation: Neuroscience) (Conferred: 24-Jul-2020)

Evaluation of maternal immune activation with post-weaning social isolation as a potential rat model for schizophrenia

**Dr. Emily Helen Pilkington**

(Specialisation: Structure based drug design) (Conferred: 27-Jul-2020)

Understanding the Structure, Toxicity and Inhibition of IAPP at the Nanoscale

**Dr. Aeson Chang**

(Specialisation: Drug discovery biology) (Conferred: 05-Aug-2020)

Repurposing drugs to improve chemotherapy outcomes in breast cancer

**Dr. Daniel Han Sung Brundel**

(Specialisation: Biopharmaceutics, pharmacokinetics and pharmacodynamics) (Conferred: 19-Aug-2020)

Targeting of nanoparticles to tumours with hyaluronidase

**Dr. Amanpreet Kaur**

(Specialisation: Synthetic medicinal chemistry) (Conferred: 19-Aug-2020)

Designing a tissue-selective steroidal mineralocorticoid receptor antagonist for the treatment of chronic heart failure

**Dr. Erica Yee-Ka Tong**

(Specialisation: Pharmacy) (Conferred: 19-Aug-2020)

Collaborative prescribing models for pharmacists in general medicine: Evidence to support adoption in practice

**Dr. Kate Nana Wang**

(Specialisation: Pharmacy and pharmaceutical science) (Conferred: 19-Aug-2020)  
Contribution of medications to hospitalisations from aged care facilities

**Dr. Weng Ken Yong**

(Specialisation: Pharmacy and pharmaceutical science) (Conferred: 19-Aug-2020)  
Engineering the Orientation of Nanobody on Surfaces

**Dr. Tara Jade Alvarez**

(Specialisation: Pharmacy and pharmaceutical science) (Conferred: 16-Sep-2020)  
Engineering biological systems for therapeutic drug delivery

**Dr. Lachlan Charles Clydesdale**

(Specialisation: Drug discovery biology) (Conferred: 16-Sep-2020)  
Mechanistic insights into biased agonism at the Glucagon-like peptide 1 receptor

**Dr. Nicole Eise**

(Specialisation: Pharmacology) (Conferred: 16-Sep-2020)  
Plants and Purinergics: A Study of Stinging Nettle Extract and the Male Rodent Urogenital System

**Dr. Zheng Xu**

(Specialisation: Medicinal chemistry) (Conferred: 30-Sep-2020)  
Development of Fluorescent and Photoactivatable Ligands Targeting the Dopamine D2 Receptor

(Specialisation: Drug delivery sciences) (Conferred: 14-Oct-2020)  
Development of chitosan-based hydrogel containing nano-formulations for subcutaneous delivery of tocotrienols

**Dr. Anna Chu Ngoc-Dan Pham**

(Specialisation: Pharmaceuticals) (Conferred: 28-Oct-2020)  
Understanding the link between composition, structure formation, and absorption of milk during digestion

**Dr. Hajira Bilal**

(Specialisation: Pharmacy and pharmaceutical science) (Conferred: 11-Nov-2020)  
Optimising antibiotic administration against difficult-to-treat infections caused by the Gram-negative 'superbug' *Pseudomonas aeruginosa*

**Dr. Siu Wai Wong**

(Specialisation: Medicinal chemistry) (Conferred: 25-Nov-2020)  
Novel radioligands of MERTK for PET imaging and phenotyping of multiple sclerosis diagnosis

**Dr. Hefa Mangzira Kemung**

(Specialisation: Drug discovery biology) (Conferred: 09-Dec-2020)  
Bioprospecting of *Streptomyces* species derived from mangrove soil in Malaysia for anti-Methicillin-resistant *Staphylococcus aureus* activity

**Dr. Emanuel Pinto De Sousa**

(Specialisation: Medicinal chemistry) (Conferred: 11-Dec-2020)  
Determination of the ligand pharmacophore required for secondary conformation activation of the human Beta1-adrenoceptor