



Title: *New Therapeutic and Drug Delivery Methods for the Anterior Segment of the Eye: from Bench to Clinic*

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Biography

Dr Hamdy Abdelkader: Hamdy received his BPharm from Alexandria University, Alexandria, Egypt in 2000 and he has been a registered pharmacist since 2001. He worked as a hospital pharmacist for one year at The General Naval Hospital, Alexandria, Egypt. Then, he moved to academia Worked at Pharmaceutics Department, Minia University, Minia, Egypt. Hamdy received his PhD from the School of Pharmacy, The University of Auckland, New Zealand in 2011. His PhD topic was on surfactant-based vesicles (niosomes/discomes) for ocular delivery of the opioid growth factor receptor antagonist-Naltrexone Hydrochloride; this research led to 8 peer-reviewed articles (5 original research articles + 3 review articles), in addition, he was awarded many international conference grants to USA, Europe and Australia. Hamdy has published over 30 scientific research publications (full research papers and conference abstracts). Hamdy started a Leverhulme research fellowship at Kingston University London in early 2014 and works with Prof. Barbara Pierscionek and Prof. Raid Alany. The current focus is on developing and optimising a novel drug therapy for age-related ocular diseases of the anterior segment of the eye especially cataract and keratopathy.