

## **Faculty Portofolio**

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### **Education:**

<b>Year of Graduation</b>	<b>Qualifications (Specializations if any)</b>	<b>University/College, Country</b>
2016	Introduction to Learning and Teaching in Higher Education (Descriptor 1 & 2)	Kingston University London Higher Education Academy, UK
2011	PhD	School of Pharmacy, FMHS, The University of Auckland, New Zealand
2006	Master of Pharmaceutical Sciences (Pharmaceutics)	Faculty of Pharmacy, Minia University, Minia, Egypt
2000	Bachelor of Pharmaceutical Sciences	Faculty of Pharmacy, Alexandria University, Alexandria, Egypt

### **Professional experience:**

<b>Year</b>	<b>Positions</b>	<b>University/College, Country</b>
2022-Present	Associate Professor	College of Pharmacy, King Khalid University, Abha, KSA
2017-2022	Associate Professor	Faculty of Pharmacy, Minia University, Minia Egypt
2012-2017	Assistant Professor	Faculty of Pharmacy, Minia University, Minia Egypt
2013-2016	Leverhulme Fellow	Kingston University London, UK
2002-2012	Assistant Lecturer	Faculty of Pharmacy, Minia University, Minia Egypt

### **Community service activities**

<b>Year</b>	<b>Positions &amp; Name of the Project</b>	<b>University/Company, Country</b>
2023	Proper use of Contact lenses	Mobadroon, KKU
2022	Drug Awareness Campaign in Rashid Mall	Drug Club, College of Pharmacy, KKU.

### **Academic/research awards:**

<b>Year/Duration of Award</b>	<b>Name of the Award</b>	<b>University/Company, Country</b>
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2019	Teacher of the Year, Based on Student Survey	Faculty of Pharmacy, Minia University
2012-2022	International Publication Awards, Minia University.	Faculty of Pharmacy, Minia University
2011	PhD Completion Award,	The University of Auckland, New Zealand

#### Workshops/ Trainings:

Year	Title	University/Company, Country
2023	Novel Strategies in Medical Education	HR, KKU
2021	SPSS training courses	Minia University, Minia, Egypt
2020	Interactive learning strategies,	Minia University, Minia, Egypt

#### Research interests:

- Pre-formulation and chemical kinetics
- Ocular drug delivery / Regulatory in vitro ocular toxicology (BCOP, HET-CAM, RBCs haemolysis assays)
- Lipid/surfactant nanovesicles (niosomes/ethoniosomes/Phytosomes/Cubosomes)
- Enhancing dissolution/solubility of poorly soluble drugs using cyclodextrins and amino acids
- Controlled/modified release systems (Matrix tablets, alginate beads and floating pellets)
- Protein misfolding diseases / Age-related ocular diseases (in vitro cataract modeling)
- Pharmacy education
- Antiglycation/chelation/antioxidant assays
- Proteomic analysis (Affinity Chromatography and SEC Chromatography)

#### Teaching experience:

Course Coordinator and instructors into Pharmaceutics II, King Khalid University, College of Pharmacy.

Course Coordinator into under and postgraduate courses for pharmacy students from 2012-2022.

Teaching Making Medicine modules to MPharm students, Kingston University London from 2013-2016.

### Professional membership:

Year	Name of the professional Body	Role
2016-Present	The Higher Education Academy of the UK	Fellow
2000-Present	Egyptian Pharmacy Syndicate (Registered Pharmacist)	Member

### Research grants:

Year/Duration of Grant	Title of the Project	Awarding Body
2023	Large Grant of Scientific Research Deanship (PI)	King Khalid University, KSA
2022	Small Grant of Scientific Research Deanship (PI)	King Khalid University, KSA
2022	Institutional Research Grant (Co-PI)	Ministry of Education, KSA
2018	Clinical Pharmacy Research Grant, Faculty Research Fund, Minia University	Minia University, Egypt
2013-2016	Leverhulme Post-Doctoral Fellowship,	Kingston University London, UK
2009-2011	Faculty Research Development Fund for Novel Therapies for Corneal Nerve Regeneration	Faculty of Medical and Health Sciences, University of Auckland, New Zealand

### Publications:


#### **BOOKS**


- 1- Abdelkader, H & and Alany G R. (2012). **New Therapy for Diabetic Keratopathy: Preformulation, formulation and evaluation of Naltrexone Hydrochloride Niosomes.** LAP Lambert-Academic Publishing, GmbH, Germany.

#### **REVIEW ARTICLES**

- 2- Mostafa, M, Al Fatease, A, Raid, A & Abdelkader, H (2023). Recent Advances of Ocular Drug Delivery Systems: Prominence of Ocular Implants for Chronic Eye Diseases. *Pharmaceutics*, 15, 1746.
- 3- Abdelkader, H, Mustafa, W, A Alqahtani, A, Alsharani, S, Al Fatease, A & Raid, A (2022). Glycation-induced age-related illnesses, antiglycation and drug delivery strategies. *Journal of Pharmacy and Pharmacology*, 74, 1546-1567.
- 4- Abdelkader, H, Fathalla, Z, A Seyfoddin, S, Farahani, M, Thrimawithana, T, Allanham, A, Alani, A, Al-Kinani, A & Raid, A (2021). Polymeric long-acting drug delivery systems (LADDs) for treatment of chronic diseases: inserts, patches, wafers, and implants. *Advanced Drug Delivery Review*, 177, 113957.
- 5- Gaballa, S, Kompella, U, El-Garhy, O, Alqhatni, A, Pierscionek, B, Alany, R. & Abdelkader, H (2021). Corticosteroids in Ophthalmology: drug delivery innovations, pharmacology and future perspectives. *Drug Delivery and Translational Research*, 11, 866-893.
- 6- Ibrahim, M, Wahib, Y, Sarhan, H & Abdelkader, H (2019). Gastro-retentive oral drug delivery systems: a promising approach for narrow absorption window drugs. *J. Adv. Biomed. & Pharm. Sci.* 2 (2019) 98-111.
- 7- Abdelkader, H, Pierscionek, B, Wu, Z, Carew, M & Alany, R (2015). Critical appraisal of alternative irritation models: three decades of testing ophthalmic pharmaceuticals. *British Medical Bulletin*, 113, 59-71.
- 8- Abdelkader, H, Alany, R & Pierscionek, B (2015). Age-related cataract and drug therapy: opportunities and challenges for topical antioxidant delivery to the lens. *Journal of Pharmacy and Pharmacology*, 67, 537-550.
- 9- Rai, U J P, Young, S A, Thrimawithana, T, Abdelkader, H, Pierscionek, B. & Alany, R. (2015). The suprachoroidal pathway: a new drug delivery route for the back of the eye. *Drug Discovery Today*, 20, 491-495.
- 10- Abdelkader, H & Alany, R (2014). Recent advances in non-ionic surfactant vesicles (niosomes): self-assembly, fabrication, characterization, types, applications and limitations. *Drug Delivery*. 21, 87-100.
- 11- Abdelkader, H & Alany, R (2012). Controlled and continuous release ocular drug delivery of systems: Pros and cons. *Current Drug Delivery*, 9, 421-430.
- 12- Abdelkader, H, Patel, D, McGhee, C & Alany, R (2011). New therapeutic approaches in treatment of diabetic keratopathy. *Clinical and Experimental Ophthalmology*, 39, 259-270.

- 13-Abou-Taleb, H, Fathalla, Z, Al Fatease, A, Naguib, D & Abdelkader H (2023). Chitosan/Solid-Lipid Nanoparticles Hybrid Gels for Vaginal Delivery of Estradiol for Management of Vaginal Menopausal Symptoms. *Pharmaceuticals*, 16, 1284.
- 14-Mohamed, S, Rofaeil, R, Salem, H, Asiri, Y, Al Fatease, A & Abdelkader H (2023). Proniosomal Gel-Loaded Phosphodiesterase Inhibitors (Sildenafil, Vardenafil, and Tadalafil): Prospects for Topical Penile Therapy of Tadalafil for Treatment of Erectile Dysfunction. *Gels*, 9: 597.
- 15-Fathalla, Z, Al Fatease, A & Abdelkader, H (2023). Formulation and In-Vitro/Ex-Vivo Characterization of Pregelled Hybrid Alginate-Chitosan Microparticles for Ocular Delivery of Ketorolac Tromethamine. *Polymers*, 15, 2773.
- 16-Al Fatease, A, Alqahtani, A, Alsharani, S & Abdelkader, H (2023). Polymeric/Dextran Wafer Dressings as Promising Long-Acting Delivery Systems for Curcumin Topical Delivery and Enhancing Wound Healing in Male Wistar Albino Rats. *Pharmaceuticals*, 16, 38.
- 17-Al Fatease, A, Showman, M, Abou-Taleb, H, Abourehab, M & Abdelkader, H (2023). A Novel Curcumin Arginine Salt: A Solution for Poor Solubility and Potential Anticancer Activities. *Molecules*, 28, 262.
- 18-Abdelkader, H, Fathalla, Z, Al Fatease, A, Shoman, M, Abou-Taleb, H & Abourehab, M (2022). Design, Preparation and Evaluation of Supramolecular Complexes with Curcumin for Enhanced Cytotoxicity in Breast Cancer Cell Lines. *Pharmaceutics*, 14, 2283.
- 19-Fathalla, Z, Mustafa, W, Abdelkader, H, Moharram, H, Sabry, A & Alany, R (2022). Hybrid thermosensitive-mucoadhesive in situ forming gels for enhanced corneal wound healing effect of L-carnosine. *Drug Delivery*, 29 (1): 374-385.
- 20-Mohamed, S, Abdelgawad, M, Alaaeldin, R, Fathalla, Z, Moharram, H, Abdallah, R, Hayallah, A, Elrehany, M & Abdelkader H (2022). Solulan C24- and bile salts-modified niosomes for new ciprofloxacin Mannich base for combatting pseudomonas-infected corneal ulcer in rabbits. *Pharmaceuticals*, 15(1): 44.
- 21-Ibrahim, M, Wahib, Y, Sarhan, H & Abdelkader, H (2021). Preformulation-assisted design and characterization of modified release gastroretentive floating extrudates towards improved bioavailability and minimized side effects of baclofen. *Journal of Pharmaceutical Sciences*, 110:1227-1239.

- 22-Abdelkader, H, Wertheim, D, Pierscionek, B & Alany, R (2020). Curcumin in situ gelling polymeric insert with enhanced ocular performance. *MDPI Pharmaceutics*, 12, 12121158.
- 23-Abou-Taleb, H, Fathalla, Z & Abdelkader, H (2020). Comparative studies of the effects of novel excipients amino acids with cyclodextrins on enhancement of dissolution and oral bioavailability of the non-ionizable drug carbamazepine. *European Journal of Pharmaceutical Sciences*, 155: 105562.
- 24-Gaballa, S, El-Garhy, O, Moharram, H & Abdelkader, H (2020). Preparation and evaluation of cubosomes/cubosomal gels for ocular delivery of beclomethasone dipropionate for management of uveitis. *Pharmaceutical Research*, 37: 198.
- 25-Churchward, C P, Al?Kinani, A, Abdelkader, H, Swinden, J, Siwoku, O, Varnakulasingam, T, Alany, R G & Snyder, L (2020). Monocaprin eye drop formulation to combat antibiotic resistant gonococcal blindness. *Scientific Reports (Nature Research)*, 10(1):12010.
- 26-Ibrahim, M, Wahib, Y, Sarhan, H & Abdelkader, H (2020). Design, characterization and in vivo evaluation of modified release baclofen floating coated beads. *International Journal of Pharmaceutics*, 582, 119344.
- 27-Kawar, D & Abdelkader, H (2019). Hyaluronic acid gel-core liposomes (hyaluosomes) enhance skin permeation of ketoprofen. *Pharmaceutical Development and Technology*, 24 (8), 1 - 25.
- 28-Mohamed, S, Abdelkader, H, Elrehany, M & Mansour H (2019). Vitamin B12 buccoadhesive tablets: auspicious non-invasive substitute for intra muscular injection: formulation, in vitro and in vivo appraisal. *Drug Development and Industrial Pharmacy*, Published online ahead.
- 29-Abdelkader, H & Fathalla, Z (2018). Investigation into the emerging role of the basic amino acid L-lysine in enhancing solubility and permeability of BCS Class II and BCS Class IV drugs. *Pharmaceutical Research*, 35, 1-18.
- 30-Abdelkader, H, Fathalla, Z, Moharram, H, Farouk, T& Pierscionek, B (2018). Cyclodextrin enhances corneal tolerability and reduces ocular toxicity caused by diclofenac. *Oxidative Medicine and Cellular Longevity*, 2018, 1-13.
- 31-Khoder, M, Abdelkader, H, El-Shaer, A, Karam, A, Najlah, M & Alany, R (2018). The use of albumin solid dispersion to enhance the solubility of unionizable drugs. *Pharmaceutical Development and Technology*, 23, 732 - 738.
- 32-Mohamed, S, Sarhan, H, Abdelkader, H, Mansour H (2017). Vitamin B12-loaded buccoadhesive films as a noninvasive supplement in vitamin B12
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- deficiency: in vitro evaluation and in vivo comparative study with intramuscular injection. *Journal of Pharmaceutical Sciences*, 106, 1849 - 1858.
- 33-Khoder, M, Abdelkader, H, El-Shaer, A, Karam, A, Najlah, M & Alany, R (2016). Efficient approach to enhance drug solubility by particle engineering of bovine serum albumin. *International Journal of Pharmaceutics*, 515, 740 - 748.
- 34-Abdelkader, H, Longman, M, Alany & Pierscionek, B (2016). On the anti-cataractogenic effects of L-carnosine: Is it best described as antioxidant, metal chelating agent or glycation inhibitor. *Oxidative Medicine and Cellular Longevity*, 2016, 3240261.
- 35-Abdelkader, H, Longman, M, Alany & Pierscionek, B (2016). Phytosome-hyaluronic acid systems for ocular delivery of L-carnosine. *International Journal of Nanomedicine*, 11, 2815 -2827.
- 36-Mady, F, Essa, H, El-Ammawi, T, Abdelkader, H & Kamal, A. (2016). Formulation and clinical evaluation of silymarin Pluronic-lecithin organogels for treatment of atopic dermatitis. *Drug Design, Development and therapy*, 10, 1101-1110.
- 37-Abdelkader, H, Swinden, J, Alany & Pierscionek, B (2015). Analytical and Physicochemical characterisation of the senile cataract drug dipeptide  $\gamma$ -alanyl-L-histidine (L-carnosine). *Journal of Pharmaceutical and Biomedical Analysis*, 114, 241-246.
- 38-Daebis, N, El-massik, M, Abdallah, O Y & Abdelkader, H (2015). Formulation and characterization of itraconazole oral nano-suspension: methyl cellulose as a promising stabilizer. *Journal of Drug Development and Clinical Trials*, 1, 102-110.
- 39-Bhattarai, S, Alany, R G, Bunt, C, Abdelkader, H & Rathbone, M J (2015). Design and characterisation of a polyethylene oxide matrix with the potential use as a teat insert for prevention / treatment of bovine mastitis. *AAPS J*, 17, 167-174.
- 40-Abdelkader, H & Mansour, H (2015). Comparative studies for ciprofloxacin hydrochloride pre-formed gels and thermally triggered (in situ) gels: in vitro and in vivo appraisal using a bacterial keratitis model in rabbits. *Pharmaceutical Development and Technology*, 20, 410-416.
- 41-Abdelkader, H, Pierscionek, B & Alany, R (2014). Novel in situ gelling ocular films for the opioid growth factor antagonist-naltrexone HCl: fabrication, mechanical properties, mucoadhesion, tolerability and stability studies. *International Journal of Pharmaceutics*, 477, 631-642.
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- 42- Abdelkader, H, Abdallah, O Y, Salem, H, Alani, A W G & Alany, R (2014). Eutectic, monotectic and solid immiscibility systems of nimesulide with water soluble carriers: phase equilibria, solid state characterization and in vivo evaluation. *Journal of Pharmacy and Pharmacology*, 66, 1439-1450.
- 43- Gaafar, P M, Abdallah, O Y, Farid, R M & Abdelkader, H (2014). Preparation, characterization and evaluation of novel elastic nano-sized niosomes (ethoniosomes) for ocular delivery of prednisolone. *Journal of Liposome Research*, 24, 204-215.
- 44- Abdelkader, H, Farghaly, U & Moharram, H (2014). Effects of surfactant type and cholesterol level on niosomes physical properties and in vivo ocular performance using timolol maleate as a model drug. *Journal of Pharmaceutical Investigation*, 44, 329-337.
- 45- Mai, A, EL-Massik, M A, Abdallah O Y & Abdelkader, H (2014). Reduction of Bitterness and Enhancing Palatability of Cetirizine Oral Liquid Dosage Forms by Cyclodextrins. *Journal of Pharmaceutics & Drug Development*, 1, 1-8.
- 46- Abdelkader, H, Akhlaq, M & Abdallah, O Y (2013). Dissolution media for the analgesic COX II selective and biopharmaceutical classification II drug-nimesulide. *PharmTechMedica*, 2, 290-293.
- 47- Hazzah, H, El-Massik, M A, Abdallah, O Y & Abdelkader, H (2013). Preparation and characterization of controlled-release doxazosin mesylate pellets using a simple drug layering-aquacoating technique. *Journal of Pharmaceutical Investigation*, 43, 1-9.
- 48- Abdelkader, H, Wu, Z, Al-Kassas, R & Alany, R (2012). Niosomes and discomes for ocular delivery of naltrexone hydrochloride: Morphological, rheological, spreading properties and photo-protective effects. *International Journal of Pharmaceutics*, 433, 142-148.
- 49- Abdelkader, H, Ismail, S, Hussein, A, Wu, Z, Al-Kassas, R & Alany, R (2012). Conjunctival and corneal tolerability assessment of ocular naltrexone niosomes and their ingredients on the hen's egg chorioallantoic membrane and excised bovine cornea models. *International Journal of Pharmaceutics*, 432, 1-10.
- 50- Abdelkader, H, Kamal, A, Ismail, S, & Alany, R (2011). Design and evaluation of niosomes and discomes for controlled release ocular delivery of naltrexone hydrochloride *Journal of Pharmaceutical sciences*, 100, 1833-1846.
- 51- Abdelkader, H, Wu, Z, Al-Kassas, R, Brown, J E, & Alany, R (2011). Preformulation characteristics of the opioid growth factor antagonist-



- naltrexone hydrochloride: stability and lipophilicity studies. *Journal of Drug Delivery Science and Technology*, 21, 157-163.
- 52- Akhlaq, M, Khan, G, Abdelkader, H, Alany, R & Khan, N R (2011). Physicochemical characterization and evaluation of flurbiprofen oral controlled release matrix tablets: Role of ether derivative polymer ethocel. *African Journal of Pharmacy and Pharmacology*, 5, 862-873.
- 53- Akhlaq, M, Khan, G, Hussein, A, Nawaz, A, Khan, NR & Abdelkader, H (2011). A simple high performance liquid chromatographic practical approach for determination of flurbiprofen. *Journal of Advanced Pharmaceutical Technology & Research*, 2, 151-155.
- 54- Abdelkader, H, Kamal, A, Ismail, S & Alany, R (2010). Preparation of niosomes as an ocular delivery system for naltrexone hydrochloride: physicochemical characterization. *Die Pharmazie*, 65, 811-817.
- 55- Abdelkader, H, Abdalla O Y & Salem H (2008). Formulation of controlled-release baclofen matrix tablets II: influence of some hydrophobic excipients on the release rate and in vitro evaluation. *AAPS PharmSciTech*, 9(2), 675-683.
- 56- Abdelkader, H, Abdalla O Y & Salem H (2007). Formulation of controlled-release baclofen matrix tablets: influence of some hydrophilic polymers on the release rate and in vitro evaluation. *AAPS PharmSciTech*, 8 (4) Article 100
- 57- Abdelkader, H, Abdalla O Y & Salem H (2007). Comparison of the effect of tromethamine and polyvinylpyrrolidone on dissolution properties and analgesic effect of nimesulide. *AAPS PharmSciTech*, 8 (3) Article

#### **CONFERENCE PROCEEDINGS**

#### **PODIUM PRESENTATION**

- 58- Abdelkader, H (2019). 1st International Conference and Exhibition on Pharmaceutical & Healthcare Sciences (PHS 2019). *Advances in Clinical Ophthalmology: triumphs and tribulations for effective and safe drug delivery systems to the eye*. Green Plaza Hotel, Alexandria, Egypt. 6-7th November 2019.



- 59-Abdelkader, H (2019). Novel Drug Delivery Methods based on in-situ gelling ocular films. 5Th FUE-Kampiniski Hotel, 1st Settlement, Cairo, Egypt. 28th January 2019.
- 60-Abdelkader, H (2015). New Therapeutic and Drug Delivery Methods for the anterior Segment of the eye: Corneal ulcers and Cataract. PUA-ICAPS, Alexandria, Egypt. 28th October 2015.
- 61-Abdelkader, H (2015). Novel drug delivery systems to the eye: from bench to clinic. Faculty Research and Enterprise Development Day, Kingston University London, Kingston Hill Campus. 17th June 2015.
- 62-Abdelkader, H (2015). Novel In situ-gelling naltrexone HCl films as a potential novel therapy for corneal healing disorders. European Congress, Valencia, Spain. 25-27th August.
- 63-Abdelkader, H (2015). Corneal ulcer amelioration in response to in situ gelling naltrexone HCl films: pharmaceutical formulation and clinical evaluation. Research Highlight Talk. The 42nd Annual Meeting & Exposition of the CRS, Edinburgh, Scotland. 26-29th July.
- 64- Abdelkader, H (2010). Naltrexone hydrochloride a new ophthalmic pharmaceutical: physicochemical characterisation. Paper presented at the 12th Conference on Formulation and Delivery of Bioactives, the University of Otago, Dunedin, New Zealand.

#### **POSTER PRESENTATION**

- 65-Abdelkader, H, Alany, R & Pierscionek, B (2015). Anti-cataractogenic effects of L-carnosine: metabolomics, proteomic and cytotoxicity investigation at International Conference on Lens, 6-11th December, Kona, Hawaii, USA.
- 66-Abdelkader, H, Pierscionek, B & Alany, R (2014). Formulation of in situ-gelling ocular films for the opioid growth factor antagonist-naltrexone HCl: morphological, mechanical, sterilization and mucoadhesion studies. Paper presented at APS UK-PharmSci, 8-10th September, the University of Hertfordshire, Hatfield, the UK.
- 67-Akhlaq, M, Abdelkader, H & Mansour, H (2014). In vitro and in-vivo evaluation of maltodextrin-based orally disintegrating tablets of flurbiprofen, diclofenac sodium and pioglitazone HCl. Paper presented at APS UK-PharmSci, 8-10th September, the University of Hertfordshire, Hatfield, the UK.
- 68-Abdelkader, H, Wu, Z, Al-Kassas, R & Alany, R (2011). In vitro release, transcorneal permeation and stability studies of an opioid growth factor antagonist (naltrexoneHCl) niosomes and discomes. Paper presented at the



**38th Annual Meeting & Exposition of the CRS, National Harbor, Maryland, USA (Poster)**

- 69-Abdelkader, H, Wu, Z, Al-Kassas, R & Alany, R (2011). Bovine corneal opacity, permeability (BCOP) and histological examination for evaluating ocular irritation and toxicity of non-ionic surfactant vesicles (niosomes). Paper presented at the 38th Annual Meeting & Exposition of the CRS, National Harbor, Maryland, USA (Poster).**
- 70-Abdelkader, H, Wu, Z, Al-Kassas, R & Alany, R (2011). Niosomes as a potential ocular delivery system for the opioid growth factor antagonist-naltrexone hydrochloride: influence of vesicular encapsulation on photoxidation. Paper presented at the 3rd PharmSciFair, Prague, Czech Republic (Poster).**
- 71-Abdelkader, H, Kamal, A, Ismail, S & Alany, R (2010). Development of a validated HPLC-method for naltrexone hydrochloride-encapsulated in niosomal formulations. Paper presented at the 12th conference on formulation and delivery of bioactives, The University of Otago, Dunedin, New Zealand (Poster).**
- 72-Abdelkader, H, Kamal, A, Ismail, S & Alany, R (2010). Effect of selected ionic and non-ionic membrane additives on the entrapment efficiency of naltrexone hydrochloride in niosomes. (2010). Paper presented at the 37th Annual Meeting and Exposition of the controlled release Society (CRS), Portland, USA (Poster).**
- 73-Abdelkader, H, Kamal, A, Ismail, S & Alany, R (2010). Characterization of ocular naltrexone niosomes using differential scanning calorimetry (DSC) and cryo-scanning electron microscopy (Cryo-SEM). Paper presented at the 37th Annual Meeting and Exposition of the CRS CRS, Portland, USA (Poster).**
- 74-Abdelkader, H, Wu, Z, Al-Kassas, R & Alany, R (2010). Evaluation of niosomes and discomes for ocular delivery of an opioid growth factor antagonist. Paper presented at Australasian Pharmaceutical Science Association (APSA) conference, Brisbane, Australia (Poster).**
- 75-Abdelkader, H, McGhee, C & Alany, R (2009). Naltrexone from alcoholism to corneal wound healing: a formulation approach. Paper presented at Australasian Pharmaceutical Science Association (APSA) conference, Hobart, Australia (Poster).**