

### **Basic Information :**

**Name :** Hussein Ammar  
**Title :** Professor of Pharmaceutical Technology and Clinical Pharmacy



Prof. Dr. Hussein Ammar, head of pharmaceuticals and Pharmaceutical Technology Department and former Dean, Pharmacy Division of the National Research Centre. Prof. Ammar is a holder of the First Class Medal of Sciences and Arts. He is the recipient of the 2010 Appreciation State Prize in Advanced Technological Sciences.

### **Education :**

Certificate	Major	University	Year
PhD	Pharmaceutical Sciences (Pharmaceutics)	Cairo University	1970
Masters	Pharmaceutics	Cairo University	1968
Bachelor	pharmacy	Cairo University	1964

### **Teaching Experience :**

Name Of Organization	Position	From Date	To Date
Faculty of Pharmacy, Future University in Egypt	Teaching undergraduate students, Pharmaceutical Technology and Clinical Pharmacy	01/01/2008	04/05/2014
6th October University	Teaching undergraduate students, Pharmaceutics and Physical Pharmacy	01/01/2007	01/01/2008
Faculty of Pharmacy, Canal University, Suez	Teaching postgraduate students, Physical Pharmacy	01/01/2001	04/05/2014
Faculty of Pharmacy, Canal University, Suez	Teaching undergraduate students, Pharmaceutical Technology and Physical Pharmacy	01/01/2001	04/05/2014
Faculty of Pharmacy, Assuit University	Teaching postgraduate students, Physical Pharmacy	01/01/1976	01/01/1980
Faculty of Pharmacy, Assuit University	Teaching undergraduate students, Pharmaceutical Technology and Physical Pharmacy	01/01/1976	01/01/1980
National Research Center	Professor	01/01/1965	31/01/2012

### **Research :**

Rapid pain relief using transdermal film forming polymeric solution of ketorolac

Host-guest system of etodolac in native and modified  $\beta$ -cyclodextrins: Preparation and physicochemical characterization

Self-nanoemulsifying drug delivery system for sertraline hydrochloride: Design, preparation and characterization.

Enhancement of oral bioavailability of repaglinide by self-nanoemulsifying drug delivery system.

Development and evaluation of floating gastroretentive microspheres for modified release of risperidone.

Effect of antiadherents on the physical and drug release properties of acrylic polymeric films.

Proniosomes as a carrier system for transdermal delivery of tenoxicam. Ammar, H.O., Ghorab, M., El-Nahas, S.A. and Higazy, I.M., Int. J. Pharm., 405, 142.

Development of dorzolamide hydrochloride in situ gel nanoemulsion for ocular delivery. Ammar, H.O., Salama, H.A., Ghorab, M. and Mahmoud, A.A., Drug Dev. Ind. Pharm., 36, 1330.

Design and evaluation of prednisolone acetate eye drops with prolonged effect. Ammar, H.O., Salama, H.A., Ghorab M., El-Nahas, S.A. and Elmotasem, H., Egypt. J. Pharm. Sci. 46, 9.

A transdermal delivery system for glipizide. Ammar, H.O., Salama, H.A., Ghorab, M., El-Nahas, S.A. and Elmotasem, H., J. Pharm. Pharmacol. 56, S - 41.

Design of dezamethazone eye drops with prolonged effect. Ammar, H.O., Salama, H.A., Ghorab, M., El-Nahas, S. A. and Elmotasem, H., Pharmacy World Congress 2001, Singapore 1-6 September.

Chitosan /cyclodextrin nanoparticles as drug delivery system.

Diflucortolone Valerate Loaded Solid Lipid Nanoparticles as a Semisolid Topical Delivery System

Folic Acid Loaded Lipid Nanocarriers with Promoted Skin Antiaging and Antioxidant Efficacy

Design and Optimization of Gastro-Retentive Microballoons for Enhanced Bioavailability of Cinnarizine

Nanostructured Lipid Carriers as Semisolid Topical Delivery Formulations for Diflucortolone Valerate

Design and in-Vitro/in-Vivo Evaluation of Ultra –Thin Mucoadhesive Buccal Film Containing Fluticasone Propionate

Preparation and Characterization of Solid Lipid Nanoparticles for Targeting

Effect of the Hydrophobic Nature of Triacetyl B-Cyclodextrin on the Dissolution Properties of Fenoprofen Calcium Dihydrate Prepared by Kneading and Co-Evaporating methods

A trial for the design and optimization of pH-sensitive microparticles for intestinal delivery of cinnarizine

Preparation and Characterization of a Novel Injectable Vesicles

Preformulation studies intended for targeted lamotrigine polymeric nanosuspension

In vitro and in vivo investigation for optimization of niosomal ability for sustainment and bioavailability enhancement of diltiazem after nasal administration

Anti-inflammatory sunscreen nanostructured lipid carrier formulations

Formulation of risperidone in floating microparticles to alleviate its extrapyramidal side effects

#### **Conference :**

15th International Cyclodextrin Symposium, Vienna, Austria (2010).

1st International Conference on Drug Design & Discovery .

Honorable Guest, Invited Speaker and Chair

Invited Speaker and Chair

#### **Awards :**

Award	Donor	Date
وسام العلوم و الفنون من الطبقة الاولى	رئاسة الجمهورية	01/01/2013
First Class Medal of Sciences and Arts	President of Arab Republic of Egypt	01/01/2013
The State Appreciation Prize in Advanced Technological Sciences	The Academy of Scientific Research and Tecnology	01/01/2010
جائزة الدولة التقديرية فى العلوم التكنولوجية المتقدمة التى تخدم العلوم الطبية	أكاديمية البحث العلمى والتكنولوجيا	01/01/2010
The National Research Center Prize for Scientific Appreciation	National Research Center	01/01/2009
الجائزة التقديرية للمركز القومى للبحوث	المركز القومى للبحوث	01/01/2009
جائزة "سكوبس" لافضل نشر في المجلات العلمية العالمية	وزارة التعليم العالى و الدولة للبحث العلمى	01/01/2008
The Scopus Award for Scientific Contribution to Pharmacology	Scopus- Ministry of Higher Education and Scientific Research	01/01/2008

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The National Research Center Prize for Scientific Distinction	National Research Center	01/01/1994
جائزة التفوق العلمى للمركز القومى للبحوث	المركز القومى للبحوث	01/01/1994