

# Osama H. Mohamed Ibrahim, Ph.D.

Date of Birth: 22/7/1971

Nationality: Egyptian

Marital Status: Married

E-mail: [oibrahim@sharjah.ac.ae](mailto:oibrahim@sharjah.ac.ae)

Telephone: 00971-501667203 / 00971-65057404

Address: College of Pharmacy, University of Sharjah, Sharjah, UAE



## Profile:

---

- Extensive technical skills in Clinical Pharmacy, Pharmacokinetics and Pharmaceutics
- Highly regarded for proactive attitude and ability to think literally, providing ideas and solutions.
- Excellent analytical and problem-solving skills.
- Dedicated individual; achieving reputation for consistently going beyond what is required.
- Detail oriented and resourceful in the completion of projects with ability to multitask and meet strict deadlines.
- Proven ability to lead successful teams.
- Proven ability to collect consolidates, organize and prioritize research needs.
- Proven ability to gather, extract and use data effectively.
- Excellent interpersonal skills, confident and poised in interactions with individuals at all levels.

## Education:

---

**Oregon State University, Corvallis, Oregon – USA**

***PhD in Clinical Pharmacokinetics with minor in statistics***, (GPA: 3.94/4.0), Summer 2004

**“Clinical Pharmacokinetic Simulation/ Modeling as a Tool for Therapeutic Drug Monitoring and Dose Adjustment in Special Patient Populations”**

**Main Emphasis of the research:** Pharmacokinetics of Aminoglycosides in Chronic Hemodialysis Patients, In Vitro Microbiological Modeling and Evaluation of New Dosing Regimen for Administrating Tobramycin to Chronic Hemodialysis Patients, Retrospective Evaluation of Vancomycin Dosing to Chronic Renal Failure Patients and Evaluation of Insulin Glargine Effect on Glycemic Control.

**Cairo University, Cairo-Egypt**

***B. Pharmaceutical Sciences, May 1993***

- Graduation Grade: Excellent with Honors (GPA: 3.96/4.0)

## **Working Experience:**

---

### **University of Sharjah, UAE**

**Associate professor of Pharmacy Practice and clinical Pharmacy, 2017-current**

**Assistant professor of Pharmacy Practice and clinical Pharmacy, 2007 - 2016**

- Teaching Pharmacy practice and clinical pharmacy courses including therapeutics, pharmacoepidemiology and pharmaco-economic courses.
- Member of College of Pharmacy council.
- Pharmacy Practice Unit Coordinator
- Chairperson of Students Training Committee at College of Pharmacy.
- Member of examination committee at College of Pharmacy.
- Member of assessment committee of College of Pharmacy
- Member of educational recourses committee of University of Sharjah

### **Cairo University Cairo, Egypt**

**Assistant Professor of Pharmacy practice and Clinical Pharmacy (2004-2007), Promoted to Associate professor (March, 2013)**

- Teaching pharmacokinetics and clinical pharmacokinetics courses to both undergraduate and graduate pharmacy students.
- Teaching of physical pharmacy and different dosage forms (Aerosols, sterile products, emulsions and suspensions) courses for undergraduate students.
- Teaching hospital pharmacy management course to graduate and undergraduate pharmacy students.
- Participate in research projects about pharmacy practice and its impact on health care in Egypt.
- Active member of the Advanced Research Center at Faculty of Pharmacy / Cairo University. I am responsible for designing of different clinical trials, writing study protocols, and pharmacokinetics and statistical analysis of bioequivalence and / or bioavailability studies.
- Supervising graduate students to pursue master and doctorate degree in the field of pharmaceuticals and clinical pharmacokinetics.

### **6 October University, 6 October City, Egypt**

**Visiting Assistant Professor of Pharmacokinetics and Biopharmaceutics 2005- 2007**

- Teaching Pharmacokinetics and Biopharmaceutics course to undergraduate students.
- Teaching Clinical Pharmacokinetics and Drug Interaction course for undergraduate students.
- Implementing and overseeing the different practical and oral exams for undergraduate students in the field of pharmaceuticals.
- Supervising graduate students to pursue master and doctorate degree in the field of pharmaceuticals and clinical pharmacokinetics.

### **Oregon State University, Oregon-USA**

***Clinical Pharmacy Research and Teaching Assistant, 2000 -2004***

Research Assistant duties: Writing protocols for Human subjects studies, writing informed consent forms and IRB materials, Performing pharmacokinetic analysis and interpretation of data, performing statistical analysis and conducting retrospective and prospective studies

Teaching Assistant duties: Teaching and grading clinical pharmacokinetics courses.

**Cairo University** Cairo- Egypt

***Instructor of Pharmaceutics and Industrial Pharmacy , December1993 – December2000.***

- Lectured Pharmacokinetics, Biopharmaceutics, Dosage forms, Pharmaceutical calculations and physical pharmacy.
- Conducted and supervised Laboratory, written and oral exams pharmacy students.
- Conducted research, in co-operation with colleagues, in the field of Pharmaceutics. Research involved Designing and Formulating Floating Dosage Forms for Antihypertensive Medication Propranolol Hydrochloride.
- Served in committees to select and purchase research instruments.

**Grants Received:**

- **University of Sharjah, UAE, received 2007**  
Grant dedicated to pursue a research about "Role of UAE pharmacists in checking and detecting drug interactions and its impact on patient care"
- **Egyptian Ministry of Higher Education Grant, Egypt, Received 2000**  
Grant dedicated to pursue a PhD in Clinical Pharmacokinetics from USA (2000-2004)

**Computer Software Literacy:**

- *Operating systems:* Windows 3.1/95/98/NT/XP, MS DOS and UNIX/LINUX
- *Statistical Software:* S-plus, Power Analysis and Sample size, and SPSS
- *Kinetics software:* Winnonlin, Kinetica, and Kinetdex.
- *Office Tools:* MS Word, MS Excel, MS PowerPoint, MS Access and MS Front Page

**Selected Graduate Course Work:**

- Dosage forms and Physical pharmacy courses.
- Sample size determination and randomization techniques.
- 21 credit hours of graduate level statistical classes.
- 21 credit hours of Pharmacy practice courses.
- Experimental design.
- Advanced Pharmacokinetics courses.
- Internal Medicine Rotation at Salem General Hospital, USA.
- Diabetic Patient Care Rotation at Oregon Health and Science University, USA.
- Drug Information Rotation at Oregon Health and Science University, USA.
- 30 credit hours of Pharmacotherapeutics.
- Advanced pharmacokinetic/ pharmacodynamic Courses.
- Human Participants Education for Research teams online course (NIH), USA.
- Good clinical practice online course (NIH), USA.

### ***Selected Presentations:***

---

- Keynote Speaker in JOPP international conference, Telepharmacy counseling in light of COVID-19 pandemic, Virtual, July 2021.
- Keynote speaker in FIP-EMRO webinar, Role of Pharmacists in management of Vector Born Infections, Virtual, June 2021.
- Keynote Speaker, FIP-EMRO webinar, Changes in Pharmacy Education and Pharmacy Practice across MENA Region, Virtual, July 2020.
- Keynote Speaker, Pharmacy Profession in GCC, International Federation of Pharmacy (FIP) conference Abu Dhabi, UAE, September 2019
- Keynote speaker, Drugs with potential for Abuse, Misuse and Conversion, International Federation of Pharmacy (FIP), Glasgow, UK, September 2018.
- Oral presentation, Clinical Services in community Pharmacy, Ministry of Health and University of Sharjah Hospital, Dubai, April 2018.
- Oral presentation, Medication error and Safety (Sanofi Pharmaceutical Company), Abu Dhabi, April, 2018.
- Oral presentation, Medication Safety, Ministry of Health, Dubai, March 2017
- Oral presentation, Pharmacist-led Diabetes clinic (Arab Health), March 2018, Dubai
- Oral Presentation, The Importance of Collaboration between Pharmacy Colleges and Pharmaceutical Companies in Improving Students' skills, University of Sharjah, Sharjah, May 2017.
- Oral Presentation, Clinical Role of Community Pharmacists, Emirates Medical Association, Dubai, April 2017.
- Oral Presentation, Role of Pharmacist in Management of Drug- Drug Interactions, Role of Pharmacists in Patient Care Workshop, University of Sharjah, April 2016 (UAE).
- Oral Presentation, Clinical research as a new career pathway for pharmacists, Clinical Research for Pharmacists Workshop, University of Sharjah, November 2015 (UAE).
- Poster presentation, 44<sup>th</sup> symposium of European Society of Clinical Pharmacists (ESCP), Lisbon, Portugal, 2015. Assessment of Geriatric Pharmaceutical Care Arab Emirates (UAE).
- Oral Presentation, 2<sup>nd</sup> international Clinical Pharmacy conference, San Francisco, USA, 2014, Pharmaceutical care for chronic patients during fasting in Ramadan.
- Oral Presentation, International conference on Advances in Healthcare, Kuala Lumpur, Malaysia, 2014, Perception of physicians to the role of clinical pharmacists in United Arab Emirates (UAE).
- Oral presentation, University of Sharjah, Sharjah, UAE, December 2013, Establishment of Pharmacist Managed Warfarin Clinic.
- Guest speaker, UAE Ministry of Health, Rational drug use in UAE, Sharjah, December 2012.
- Oral Presentation, European Society of Clinical Pharmacy (ESCP) Annual Symposia, October 2011, Dublin, (Impact of Clinical Pharmacist Intervention on Decreasing Incidence of Preventable Adverse Drug Events After Hospital Discharge).
- Poster presentation, European Society of Clinical Pharmacy (ESCP) Annual Symposia, October 2011, Dublin, Ireland (Drug and antibiotic Use Evaluation in University Teaching Hospital in Egypt Before and After Antibiotic Control Group Intervention)
- Poster presentation, European Society of Clinical Pharmacy (ESCP) Annual Symposia, October 2011, Dublin, Ireland (Role of community Pharmacists in health care promotion: patients' perspective).
- Poster presentation, American Pharmacists Association Annual meeting, Seattle, USA, March, 2011 (Clinical Evaluation of Intraurethral Gel Injection to Treat Erectile Dysfunction).
- Combat Antibiotic Resistance, World Health Organization Day, Keynote speaker, University of Sharjah, 2011

- Oral Presentation, Third International Meeting On Pharmacy and Pharmaceutical Sciences, June 2010, Istanbul, Turkey (The Effect of Medication Compliance on Control of Chronic Diseases)
- Medication Safety, Continuous Education Workshop for pharmacists, Keynote speaker, UAE Ministry of Health, Ajman, UAE, 2010
- Formulation and pharmacokinetic evaluation of sustained release propranolol hydrochloride floating system, Poster presentation, 21<sup>st</sup> International Symposium on Pharmaceutical and Biomedical Analysis, Florida, USA, 2009
- Intra nasal microemulsion of sildenafil citrate: In vitro evaluation and in vivo pharmacokinetic study in rabbits, Poster presentation, Controlled Release society annual conference, Copenhagen, Denmark, 2009
- A Pharmacokinetic Model to Predict Vancomycin Levels and Dosing in Hemodialysis. Poster presentation, 19<sup>th</sup> International Symposium on Pharmaceutical and Biomedical Analysis, Gdansk, Poland, 2008
- Role of data collection and documentation on patient therapeutic management. 6<sup>th</sup> international conference of Egyptian Society of Hospital Pharmacists. Guest speaker, Cairo, 2006.
- Acceptance of Egyptian Patients to the Clinical Role of Pharmacists in Patient Care, Oral Presentation, The 65<sup>th</sup> Congress of FIP. World congress of Pharmacy and Pharmaceutical Sciences, Cairo 2005.
- Novel Tobramycin Dosing in Hemodialysis to Minimize Toxicity, ASN 38th Annual Renal Week Meeting, USA 2005.
- Assessment of Community Pharmacist Role in Patient Care (A Survey Study for the Egyptian Market), Oral Presentation, The 2<sup>nd</sup> International Conference of Pharmaceutical and drug industries Division, National Research Center, Cairo 2005.
- Role of community pharmacist in Health Care. Pharmaceutical Sciences Conference, Cairo, Egypt, Guest speaker, Lecture. December 2004.
- Evaluation of Insulin Glargine Effect on Medicare patients, Poster presentation, American Pharmacist Association conference 2004, Seattle, USA.
- Pharmacokinetic Simulations as a tool to adjust dosing regimens for Chronic Hemodialysis patients. OSU College of pharmacy Guest speaker, Lecture, November 2003.
- New method of Aminoglycoside Dosing to chronic Hemodialysis patients, Oregon State University College of pharmacy Retreat, Newport, Oral presentation, 2002.

## ***Publications:***

---

- **Osama H. Mohamed Ibrahim**, Rana Ibrahim, Derar Abdek Qader, Ahmed Al Meslamani, Nadia Al Mazrouei, Virtual pharmacist interventions on abuse of over-the-counter medications during COVID-19 versus traditional pharmacist interventions, *Journal of American Pharmacists Association*, Vol 61(3):331-339, 2021.
- **Osama H. Mohamed Ibrahim**, Rana Ibrahim, Derar Abdek Qader, Ahmed Al Meslamani, Nadia Al Mazrouei, Kareen Raily, Evaluation of the use and attitudes of pregnant and postpartum women towards medicine utilization during pregnancy in the United Arab Emirates: A national cross-sectional study. *International Journal of Clinical Practice*. 2021.
- Derar Abdel Qader , Ahmed Al Meslamani, Abdallah Albassam, Asmaa El-Shara, Najla Ismael, Salim Hamadi, **Osama Mohamed Ibrahim**, Nadia Al Mazrouei, Community pharmacists' knowledge of and attitudes toward antibiotic use, resistance, and self-medication in Jordan, *Drug and Therapy perspective*, Vol 17(1):44-53, 2021.
- Nadia Al Mazrouei, Rana Ibrahim, Derar Abdel Qader, Ahmed Al Meslamani, **Osama H. Mohamed Ibrahim**, A novel educational approach for improving medication-related problems in community pharmacies, *Research in Social and Administrative Pharmacy*, 2021.
- **Osama H. Mohamed Ibrahim**, Rana Ibrahim, Derar Abdel Qader, Ahmed Al Meslamani, Nadia Al Mazrouei, Evaluation of Telepharmacy Services in light of COVID-19, *Telemedicine and e-health*, 2020. <https://doi.org/10.1089/tmj.2020.0283>
- Derar Abdel Qader , Ahmed Al Meslamani, Abdallah Albassam, Asmaa El-Shara, Najla Ismael, Salim Hamadi, Nadia Al Mazrouei, **Osama Mohamed Ibrahim**, Investigating prescribing errors in the emergency department of a large governmental hospital in Jordan. *Journal of Pharmaceutical Health Services Research*, Vol.11(4):375-382, 2020.
- **Osama H. Mohamed Ibrahim**, Rana Ibrahim, Ahmed Al Meslamani, Nadia Al Mazrouei,, Dispensing errors in community pharmacies in the united arab emirates: Investigating incidence, types, severity, and causes, *Pharmacy practice*, Vol 18(4):1-8, 2020.
- **Osama H. Mohamed Ibrahim**, Rana Ibrahi, Noor AlTamimy, Kareen Raily, Challenges associated with mental health management: Barriers and consequences, *Saudi Pharmaceutical journal*. Vol 28(8):971-976, 2020.
- Derar Abdel Qader , Abdallah Albassam, Najla Ismael, Nadia Al Mazrouei, **Osama Mohamed Ibrahim**, Awareness of Antibiotic Use and Resistance in Jordanian Community, *Journal of Primary Care and Community Heralth*, Vol.11,2020.
- **Osama H. Mohamed Ibrahim**, Rana Ibrahim, Ahmed Al Meslamani, Nadia Al Mazrouei, Role of telepharmacy in pharmacist counselling to coronavirus disease 2019 patients and medication dispensing errors, *Journal of Telemedicine and Telecare*, 2020.
- Rand Hussein and **Osama H. Mohamed Ibrahim**, Assessment of treatment-related problems and associated factors among hospitalized patients in the United Arab Emirates: a retrospective study. *Journal of Pharmaceutical Health Services Research*, Vol 10(2):261-266, 2019.
- Hala El Ganzoury, **Osama H. Mohamed Ibrahim** , Ayman Noreddin, Arwa El Kabbi and Sameh Soliman, Early transition toward a computer based examination system: the perception of senior university students in the middle East. *Pharmacy Education*, Vol 19(1):406-410, 2019.

- **Osama H. Mohamed Ibrahim**, Mohamed Rashrash, Sameh Soliman. Perception and Utilization of Complementary and Alternative Medicine (CAM) Among University of Sharjah Students. *Bulletin of Faculty of Pharmacy Cairo University*, Vol 57 (1):82-87, 2019.
- **Osama H. Mohamed Ibrahim**, Noor Kifah Al Tameemi and Dalia Dawoud, Knowledge and Perception of Vit D Deficiency Among The United Arab Emirates Population. *Asian Journal of Pharmaceutical and Clinical Research*, Vol 12(8):183-186, 2019.
- **Osama Mohamed Ibrahim**, Rana Ibrahim, Assessment of Current Geriatric Pharmaceutical Care in The United Arab Emirates, *Asian Journal of Pharmaceutical and Clinical Research*, Vol. 12 (8):211-215, 2019.
- Rana Ibrahim and **Osama Mohamed Ibrahim**. Protocol Development for Preventing Contrast-induced Nephropathy. *Asian Journal of Pharmacy, Nursing and Medical Sciences*, Vol 6 (3):18-22, 2018.
- **Osama Mohamed Ibrahim** and Marium A Hassan. The Use of Anti-Diabetic Drugs in Alzheimer's disease, New Therapeutic Options and Future Perspective. *Pharmacology and Pharmacy*, Vol 9 (6): 157-174, 2018.
- **Osama H. Mohamed Ibrahim**, Mohamed Rashrash, Sameh Soliman. Evaluation of Appropriateness of Proton Pump Inhibitors (PPIs) Use in the Region of Sharjah, United Arab Emirates (UAE). *Pharmacology and Pharmacy*, Vol. 9: 149-156, 2018.
- **Osama H, Mohamed Ibrahim** and Rana Ibrahim. Pharmacovigilance: Characterization and Methods of Causality Assessment. *J of Pharmacol & Clin Res*. Vol 5(4): 1-3, 2018.
- **Osama Mohamed Ibrahim** and Rand Hussein. Knowledge of Pharmacists on Proper Use of Oral contraceptive pills and missed dose instructions in United Arab Emirates, *Tropical Journal of Pharmaceutical Research*, Vol 16(4): 947-954, 2017.
- **Osama H. Mohamed Ibrahim** and Rand Hussein. Knowledge, attitude, and prevalence of use of hormone replacement therapy among women in United Arab Emirates, *Asian Journal of Pharmaceutical and Clinical Research*, Vol. 9(3):154-158, 2016.
- Pharmacist Role in Pharmaceutical Care during Ramadan. *Pharmacology and Pharmacy*, Vol. 6:589-599, 2015.
- **Osama H, Mohamed Ibrahim** and Rana Ibrahim. Perception of Physician to the Role of Clinical Pharmacists in United Arab Emirates (UAE), *Pharmacology and Pharmacy*, Vol. 5:895-902, 2014.
- **Osama H, Mohamed Ibrahim** and Rana Ibrahim. Community Pharmacists' Involvement in Breast Cancer Health Promotion in United Arab Emirates (UAE), *American Journal of Pharmacology and Toxicology*, 8 (4): 155-163, 2013
- Suleiman El Sharif and **Osama H. Mohamed**. Evaluation of self-medication among pharmacy students, *American Journal of Pharmacology and Toxicology*, 7(4):135-140, 2012.
- **Osama H. Mohamed** and Suleiman El Sharif. The Impact of Clinical Pharmacist Interventions on Drug and Antibiotic Prescribing in a Teaching Hospital in Cairo, *Pharmacology & Pharmacy*, Vol. 3(4):458-461,2012.
- **Osama H. Mohamed** and Maha Saber. Antibiotic Misuse in Different Hospital Wards (A Pilot Study in an Egyptian Hospital). *Asian Journal of Pharmaceutical and Clinical Research*, Vol 5(2):95-97, 2012
- **Osama h. Mohamed**. Impact of Clinical Pharmacist Intervention on Decreasing Incidence of Preventable Adverse Drug Events after Hospital Discharge. *International Journal of Pharmacy*, 2(2):273-243, 2012.
- **Osama H. Mohamed**. Assessment of Egyptian Pharmacists' Attitude, Behaviors, and Preferences Related to Continuing Education. *International Journal of Clinical Pharmacy*, 34:358-363, 2012.

- **Osama H. Mohamed**, Feras Jerjees and Hala. Barriers Affecting Compliance of Patients with Chronic Diseases: A Preliminary Study in United Arab Emirates (UAE) Population. Asian Journal of Pharmaceutical and Clinical Research, Vol4, Suppl 2, 42-45, 2011.
- Ahmed El Shafaey, Ihab Rasmy and **Osama Mohamed**. Intranasal microemulsion of sildenafil citrate: In vitro evaluation and in vivo pharmacokinetic study in rabbits, AAPS PharmSciTech, 10(2):361-367, 2009.
- Iman Saad, Mona Hassan, **Osama Mohamed** and Samar Farid. Relative bioavailability of griseofulvin lyophilized dry emulsion tablet vs. immediate release tablet: A single-dose, randomized, open label, six-period, crossover study in healthy adult volunteers in the fasted and fed states. European Journal of Pharmaceutical Sciences, 35:219-225, 2008
- **Osama Hussein Kamel Mohamed**, Ihab M. Wahba, Suzanne Watnick, Sandra B. Earle, William M. Bennett, James W. Ayres and Myrna Y. Munar. Administration of tobramycin in the beginning of the hemodialysis session: Implications for toxicity and efficacy, Clin J of Am Soc of Nephrol CJASN 2: 694-699, 2007.

### **Activities, Memberships and Honor Societies:**

- Scientific officer of Emirates medical Association (2013-Current)
- Editorial board member of Research Journal of Pharmaceutical Sciences (2012 – Current)
- Editorial board member of Research in Social and Administrative Pharmacy (2012- Current)
- Reviewer at Clinical medicine and diagnostics journal (2012 – Current)
- Member of Emirates Medical Association (2011- Current)
- Member of American Pharmacists Association (APhA) (2004-Current)
- Member of the Rho Chi Pharmaceutical Society (Life time member)
- Member of Egyptian Board of Pharmacy (1993- Current)
- President of Egyptian Student Association at Oregon State University (2001-2004)
- President of Scientific Association at College of Pharmacy, Cairo University (1993-1999).

### **References**

**Available upon request**